

**Sucker Rod String: Polished Rod** 

**PDS: SRPRCP** 

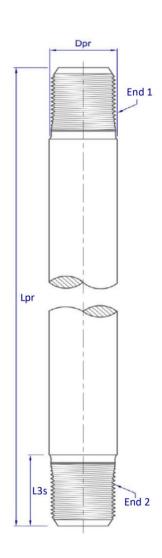
**Short Name: Q03** 

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

# **Chrome Plated Polished Rod**

### **Dimensions:**

Nomin	Nominal Size				
Rod	Pin	Units	Dpr	Lpr	
1 1/8"	5/8" PR	max in (mm)	1.130 (28.70)	1.239 (31.47)	
	3/6 FR	min in (mm)	1.115 (28.32)		
1 1/8"	3/4" PR	max in (mm)	1.130 (28.70)	1.429	
	3/4 111	min in (mm)	1.115 (28.32)	(36.30)	
4.4.00	7/8" PR	max in (mm)	1.255 (31.88)	1.619 (41.12)	
1 1/4"	//8 PK	min in (mm)	1.240 (31.50)		
1 1/2"	1" PR	max in (mm)	1.505 (38.23)	1.829 (46.46)	
11/2	1 11	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	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	-

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

# **Mechanical Properties:**

Mechanical properties are listed in the following table.

Grade	Yield Strength min.	<b>Ultimate Tensile Stress</b>	Elongation min.	ROA min.
DC Carbon	Min 60 kpsi	90 to 140 kpsi	10%	20%
	(413 MPa)	(620 to 965 MPa)	10%	
DA Alloy	Min 60 kpsi	90 to 140 kpsi	10%	20%
	(413 MPa)	(620 to 965 MPa)	10%	20%

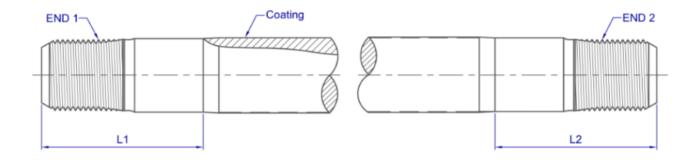
**Coating:** Chrome Plated

Double layer coated by electroplating process with

anodic etching.

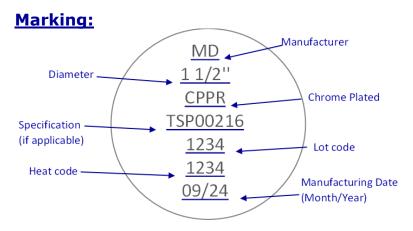
Roughness (Ra): 8-20 µin

Min thickness: 0.005 in (0.12 mm)
Hardness: 950-1150 HV



Coating Length	L1		L	2
Full length	0	0 mm	0 ''	0 mm
1.5 ft free both ends	18 ''	457.2 mm	18 ''	457.2 mm
	(± 2'')	(± 50.8 mm)	(± 2'')	(± 50.8 mm)
1.5 ft free one end	18 ''	457.2 mm	0 ''	0 mm
	(± 2'')	(± 50.8 mm)	U	
3 ft free both ends	36 ''	914.4 mm	36 ''	914.4 mm
	( all)	, ,	( 511)	, ,
	(± 2'')	(± 50.8 mm)	(± 2'')	(± 50.8 mm)
3 ft free one end	36 ''	914.4 mm	0''	0 mm
	(± 2'')	(± 50.8 mm)	U	O IIIIII
3.5 ft free both ends	42 ''	1066.8 mm	48 ''	1219.2 mm
	(± 2'')	(± 50.8 mm)	(± 2'')	(± 50.8 mm)
3.5 ft free one end	42 ''	1066.8 mm	0 ''	0 mm
	(± 2'')	(± 50.8 mm)	U	UIIIIII
4 ft free one end	48 ''	1219.2 mm	0 ''	0 mm
	(± 2'')	(± 50.8 mm)	U	

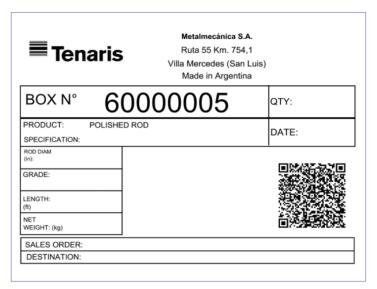
Other dimensions might be available upon request.



### **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: SRPRCP
Body diameter: 1 1/2"
Pin diameter: 1" PR

Surface finish: Chrome Plated Grade: DC Carbon

**Length:** 30 ft

Coating Length: Full length

provided on an "as is" basis. No warranty is given. Tenaris has not independently verified any information –if any- provided by the user in connection with, or for the purpose of, the information contained hereunder. The use of the information is at user's own risk and Tenaris does not assume any responsibility or liability of any kind for any loss, damage or injury resulting from, or in connection with any information contained hereunder or any use thereof. The information in this document is subject to change or modification without notice. Tenaris's products and services are subject to Tenaris's standard terms and conditions or otherwise to the terms resulting from the respective contracts of sale or services, as the case may be. Unless specifically agreed under such contract of sale or services, if Tenaris is required to provide any warranty or assume any liability in connection with the information contained here under, any such warranty or liability shall be subject to the execution of a separate written agreement between petitioner and Tenaris. For more complete information please contact a Tenaris's representative or visit our website at www.tenaris.com. All rights reserved. ©Tenaris 2025