

Sucker Rod String: Polished

PDS: SRPRSMWF

Short Name: Q08

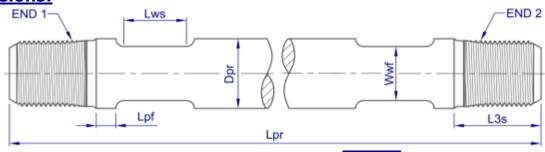
Effective Date: 3/19/2025
Previous Revision: 9/18/2024

Spray Metal 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	Грі	(min)	(min)	***************************************
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)
		min in (mm)	1.490 (37.85)	(46.46)			1.345 (34.16)
1 1/2"	1" PR - 3/4" PR	max in (mm)	1.505 (38.23)	_	0.197	1.500	1.342 (34.09)
		min in (mm)	1.490 (37.85)	_			1.280 (32.51)

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	Р	Cr	Ni	Мо	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	Yield Strength min.	Ultimate Tensile Stress	Elongation min.	ROA min.	
DC Carbon	Min 60 kpsi	90 to 140 kpsi	10%	20%	
DC Carbon	(413 MPa)	(620 to 965 MPa)	10%		
DA Alloy	Min 60 kpsi	90 to 140 kpsi	100/	200/	
	(413 MPa)	(620 to 965 MPa)	10%	20%	

Coating:

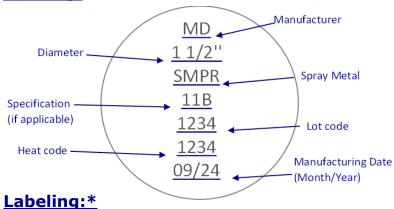
Spray Metal Chemical composition in accordance with API 11B

Roughness (Ra): 8-20 μin (0.203-0.508 μm) **Min thickness:** 0.008-0.02 in (0.2-0.51 mm)

Hardness: 480 HV200 min
Coating length: Full length

Coating	С	SI	Р	S	Cr	В	Fe	Ni	Others
Spray Metal	0.50 - 1.00	3.50 - 5.50	0.02 max	0.02 max	12.00- 18.00	2.50 - 4.50	3.00 - 5.50	Remainder	Ti: 0.05 max Al: 0.05 max Zr:0.05 max Co:0.10 max

Marking:



Metalmecánica S.A. **Tenaris** Ruta 55 Km. 754,1 Villa Mercedes (San Luis) Made in Argentina **BOX N°** 60000005 QTY: PRODUCT: POLISHED ROD DATE: SPECIFICATION ROD DIAM GRADE: LENGTH: NET WEIGHT: (kg) SALES ORDER DESTINATION:

*Image for reference only

Non Destructive Testing:

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

Ordering Information:

When placing an order please attach the following information:

PDS: SRPRSMWF
Body diameter: 1 1/2"
Pin diameter: 1" PR
Surface finish: Spray Metal
Grade: DC Carbon
Length: 30 ft

Wrench flats: 2

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