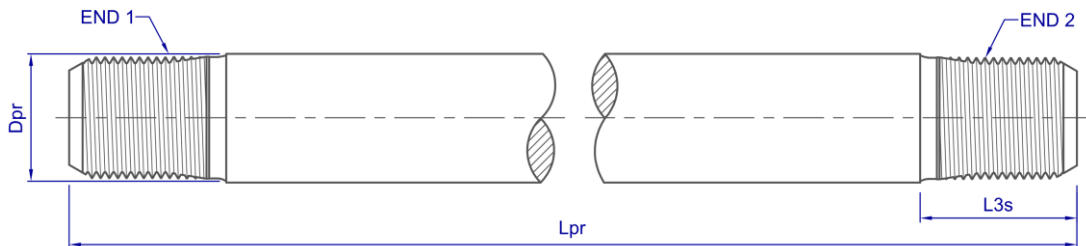


# Spray Metal Polished Rod

## Dimensions:



Nominal Size		Units	Dpr	L3s
Rod	Pin			
1 1/8"	5/8" PR	in	1.125 +0.005 -0.01	1.156
		mm	28.58 +0.125 -0.255	29.35
1 1/8"	3/4" PR	in	1.125 +0.005 -0.01	1.406
		mm	28.58 +0.13 -0.25	35.7
1 1/4"	7/8" PR	in	1.25 +0.005 -0.01	1.406
		mm	31.75 +0.13 -0.25	35.7
1 1/2"	1" PR	in	1.5 +0.005 -0.01	1.78
		mm	38.1 +0.13 -0.25	45.22

Available Lengths\* (Lpr): 8, 11, 16, 22, 26, 30, 36, 40 ft ± 2"

(2.438, 3.353, 4.877, 6.706, 7.925, 9.144, 10.973, 12.192 m ± 50.8 mm)

\*Other lengths might be available upon request.

## Steel Grades:

### Chemical Composition:

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

Grade	C (%)	Mn (%)	Si (%)	S (%)	P (%)	Cr (%)	Ni (%)	Mo (%)	Other (%)
C	0.43-0.50	0.60-0.90	-	0.035 max	0.030 max	-	-	-	-
D alloy	0.38-0.45	0.75-1.00	0.15-0.35	0.040 max	0.030 max	0.80-1.10	-	0.15-0.25	-

### Mechanical Properties:

Mechanical properties are listed in the following table.

Grade	Yield Strength (0.2% offset)	Ultimate Tensile Stress	Elongation (8")	Reduction of Area	Hardness
C	-	90 to 160 kpsi (621 to 1103 MPa)	-	-	-
D alloy	-	95 to 160 kpsi (655 to 1103 MPa)	-	-	-

### Coating:

**Spray Metal:** Chemical composition in accordance with API 11B

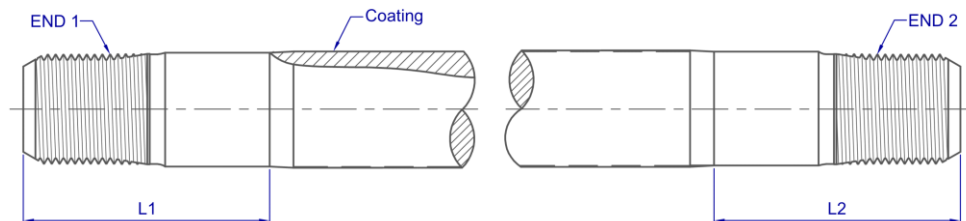
**Roughness (Ra):** 8-20  $\mu\text{in}$  (0.203-0.508  $\mu\text{m}$ )

**Thickness:** 0.008-0.02 in (0.2-0.51 mm)

**Hardness:** 480 HV200 min

### Chemical composition:

Coating	C (%)	Si (%)	P (%)	S (%)	Cr (%)	B (%)	Fe (%)	Ni (%)	Other (%)
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



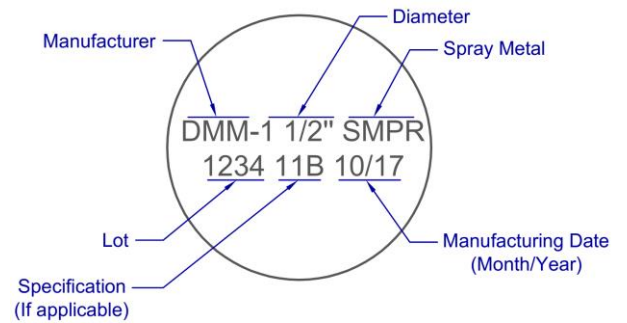
Coating Length	L1		L2	
Full length	0"	0 mm	0"	0 mm
2 ft free both ends	24" (±2")	609.6 mm (±50.8 mm)	24" (±2")	609.6 mm (±50.8 mm)
2 ft free one end	24" (±2")	609.6 mm (±50.8 mm)	0"	0 mm
3 ft free both ends	36" (±2")	914.4 mm (±50.8 mm)	36" (±2")	914.4 mm (±50.8 mm)
3 ft free one end	36" (±2")	914.4 mm (±50.8 mm)	0"	0 mm
4 ft free both ends	48" (±2")	1219.2 mm (±50.8 mm)	48" (±2")	1219.2 mm (±50.8 mm)

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.

## Marking:



## Labeling:

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

\*Image for reference only

## Ordering Information:

When placing an order please attach the following information:

- PDS:** SRPRSM
- Body diameter:** 1 1/8"
- Pin:** 5/8" PR
- Surface finish:** Spray Metal
- Grade:** C
- Length:** 40 ft
- Coating Length:** 2 ft free both ends

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