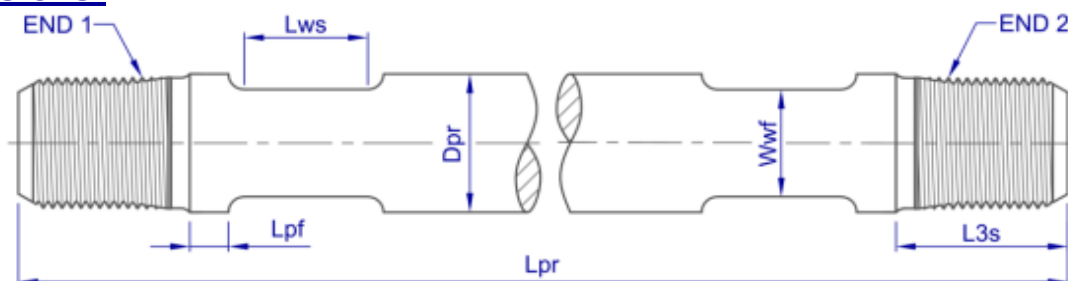


## Chrome Plated Polished Rod with Wrench Flats

### 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 (min)	Lwf (min)	Wwf
Rod	Pin						
1 1/8"	5/8" PR	max in (mm)	1.130 (28.70)	1.239 (31.47)	0.125	1.250	1.000 (25.40)
		min in (mm)	1.115 (28.32)				0.970 (24.64)
1 1/8"	3/4" PR	max in (mm)	1.130 (28.70)	1.429 (36.30)	0.125	1.250	1.000 (25.40)
		min in (mm)	1.115 (28.32)				0.970 (24.64)
1 1/4"	7/8" PR	max in (mm)	1.255 (31.88)	1.619 (41.12)	0.125	1.250	1.125 (28.58)
		min in (mm)	1.240 (31.50)				1.095 (27.81)
1 1/2"	1" PR	max in (mm)	1.505 (38.23)	1.829 (46.46)	0.125	1.250	1.375 (34.93)
		min in (mm)	1.490 (37.85)				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)

\*Other lengths might be available upon request.

### Steel Grades:

### Chemical Composition:

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

Grade	C	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	-

## **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 (413 MPa)	90 to 140 kpsi (620 to 965 MPa)	10%	20%
DA Alloy	Min 60 kpsi (413 MPa)	90 to 140 kpsi (620 to 965 MPa)	10%	20%

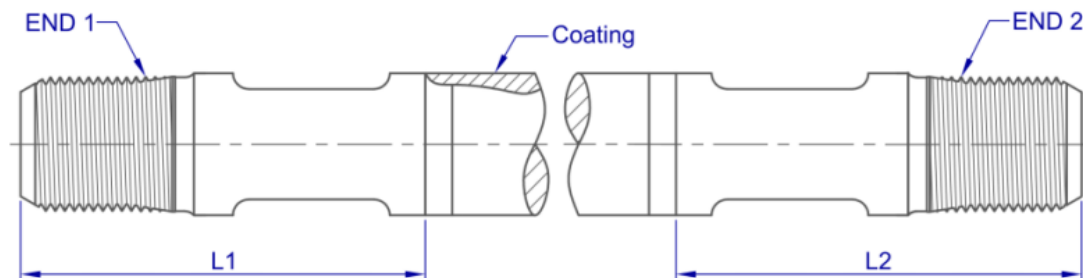
## **Coating:** Chrome Plated

Double layer coated by electroplating process with anodic etching.

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

**Min thickness:** 0.005 in (0.12 mm)

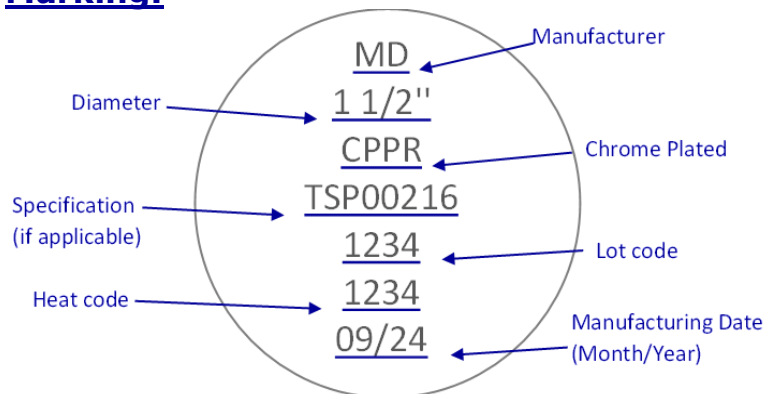
**Hardness:** 950-1150 HV



Coating Length	L1		L2	
Full length	0 "	0 mm	0 "	0 mm
1.5 ft free one end	18 " ( $\pm 2$ ")	457.2 mm ( $\pm 50.8$ mm)	0 "	0 mm

Other dimensions might be available upon request.



## **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:\*

		<b>Metalmecánica S.A.</b> Ruta 55 Km. 754,1 Villa Mercedes (San Luis) Made in Argentina	
BOX N° <b>60000005</b>		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:

<b>PDS:</b>	SRPRCPWF
<b>Body diameter:</b>	1 1/2"
<b>Pin diameter:</b>	1" PR
<b>Surface finish:</b>	Chrome Plated
<b>Grade:</b>	DC Carbon
<b>Length:</b>	30 ft
<b>Wrench flats:</b>	2

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