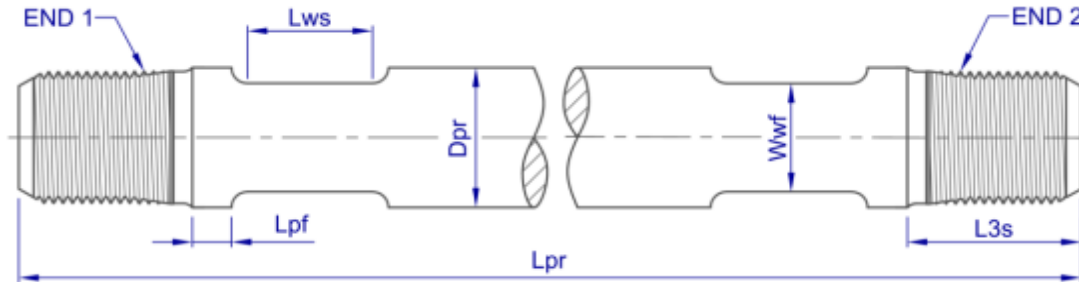


Spray Metal Polished Rod with Wrench Flats

Product Description:

Polished Rods can be manufactured with two or four wrench flats depending on client's needs.

Dimensions:



Nominal Size		Units	Dpr	L3s	Lpf (min)	Lwf (min)	Wwf
Rod	Pin						
1 1/4"	7/8" PR	in	1.125	1.406	0.197	1.250	1.000
			+0.005				+0.031
		-0.010	-0.031				
		mm	28.6	35.7	5.0	31.8	25.4
+0.1	+0.8						
			-0.2				-0.8
1 1/2"	1" PR	in	1.500	1.78	0.197	1.500	1.311
			+0.005				+0.031
		-0.010	-0.031				
		mm	38.1	45.21	5.0	38.1	33.3
+0.1	+0.8						
			-0.2				-0.8
1 1/2"	1" PR - 3/4" PR	in	1.500	-	0.197	1.500	1.311
			+0.005				+0.031
		-0.010	-0.031				
		mm	38.1	-	5.0	38.1	33.3
+0.1	+0.8						
			-0.2				-0.8

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
Carbon steel	0.43-0.50	0.60-0.90	-	0.050 max	0.040 max	-	-	-	-
Alloy steel	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.

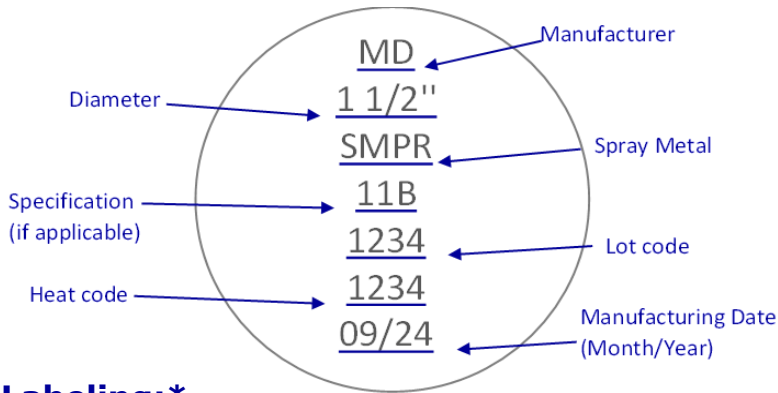
Grade	Ultimate Tensile Stress
Carbon steel	90 to 160 kpsi (620 to 1102 MPa)
Alloy steel	115 to 140 kpsi (793 to 964 MPa)

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	C	SI	P	S	Cr	B	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:



Non Destructive Testing:

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

Labeling:*

		Metalmecánica S.A. Ruta 55 Km. 754,1 Villa Mercedes (San Luis) Made in Argentina	
BOX N°	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:	SRPRSMWF
Body diameter:	1 1/2"
Pin diameter:	1" PR
Surface finish:	Spray Metal
Grade:	Carbon steel
Length:	30 ft
Wrench flats:	2

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