

RODS

La.Met manufactures a complete line of round rods in the following silver alloys: Ag 800‰, Ag 925‰ and Ag 935‰. The diameters available range from maximum 28mm to minimum 8mm. Round rods in diameters above 28mm, square rods and rectangular rods are available upon request as special orders.

Cast rods in 10, 16, 23 and 28mm are drawn down to straightened, calibrated and hardened finished rods in the following diameters and lengths:

Silver rod diameters and lengths					
Ø rod	Nr of rods and standard lengths (mms)				
28	1 x 1000				
22	1 x 1785				
21	1 x 1960				
20	1 x 2160	2 x 980			
19	1 x 2400	2 x 1200			
18	1 x 2670	2 x 1335			
17	1 x 2990	2 x 1495	3 x 995		
16		2 x 1690	3 x 1125		
15	1 x 1840	2 x 920			
14	1 x 2110	2 x 1055			
13	1 x 2450	2 x 1255			
12	1 x 2870	2 x 1435	3 x 995		
11	2 x 1710		3 x 1140		
10		2 x 2070	3 x 1380	4 x 1035	
9		2 x 2000		4 x 1000	
8			3 x 2000		6 x 1000

Standard hardness values for hard-drawn rods:

Ag 800‰ 145 Hv +/- 20 Hv

Ag 925‰ & Ag 935‰: 140 Hv +/- 20 Hv

Standard hardness values for soft-annealed rods:

Ag 800 ‰: 90 Hv +/- 10 Hv

Ag 925‰ & Ag 935‰: 80 Hv +/- 10 Hv

