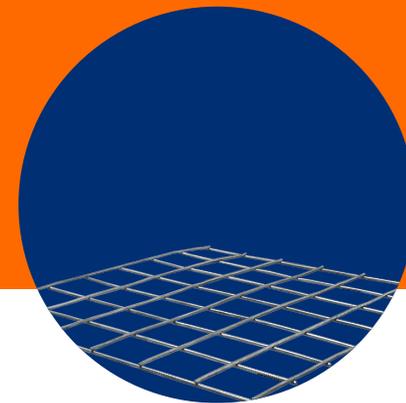


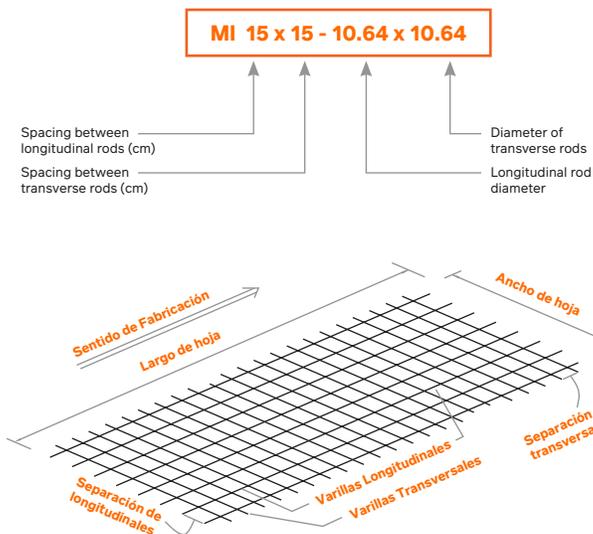
# Engineering Mesh



It is a prefabricated electrowelded assembly for concrete reinforcement.

## DESIGNATION OF THE ENGINEERING MESH

Engineering Meshes are designated as follows:



AVAILABLE DIAMETERS		
Diameter (mm)	Area (cm <sup>2</sup> )	Weight (kg/m)
4.11	0.133	0.104
4.88	0.187	0.147
5.60	0.246	0.193
5.72	0.257	0.201
6.07	0.289	0.227
6.35	0.317	0.248
7.01	0.386	0.302
7.57	0.450	0.353
7.76	0.473	0.370
7.95	0.496	0.389
8.11	0.517	0.405
8.23	0.532	0.417
8.44	0.559	0.438
8.74	0.600	0.470
9.21	0.666	0.522
9.50	0.709	0.555
9.91	0.771	0.604
10.28	0.830	0.650
10.64	0.889	0.696
11.01	0.952	0.746
11.46	1.031	0.808
12.00	1.131	0.886

## USES

- Shoe Reinforcement • Floors • Slabs • Walls • Prefabricated
- Tunnels • Tubes • Drawers • AASHTO trabes • Nebraska Trabes
- Pavements • Bridges • Channels

## CHARACTERISTICS

- Grade 50 or Grade 60 cold rolled rebar
- Electrical resistance welded intersections
- Wide variety of diameters
- Custom designed for each project
- Blade presentation

## ADVANTAGES

- Savings in material and labor costs
- Made to measure for the project
- Optimizes the amount of steel required
- Waste is eliminated
- Speeds up the construction process due to the speed of placement

Mechanical properties:	Grade 50	Grade 60
Minimum tensile strength	5,700 kg/cm <sup>2</sup>	7,000 kg/cm <sup>2</sup>
Minimum yield strength	5,000 kg/cm <sup>2</sup>	6,000 kg/cm <sup>2</sup>
Minimum elongation in 10 diameters	6%	5%

## Presentation:

	Minimum	Maximum
Sheets		
Width (m)	0.50	2.85
Length (m)	2.80	12.00

## Rod spacing:

	Minimum	Increases
Longitudinal	5.0 cm	2.5 cm
Cross-sectional	5.0 cm	0.5 cm

MANUFACTURING STANDARDS NMX-B-253-CANACERO-2013 y NMX-B-290-CANACERO-2013



800 831 5700 | ventas@deacero.com | deacero.com

