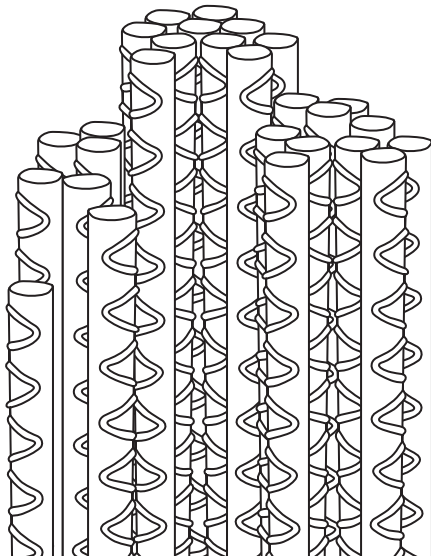
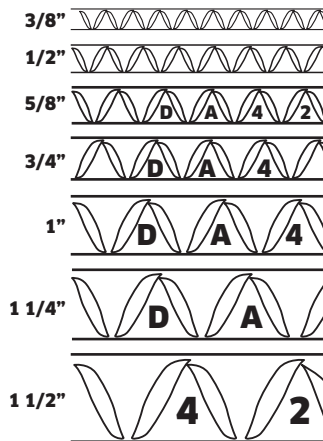


Rebar Grade 42



Concrete Reinforcing Rebar.



MANUFACTURING STANDARD NMX-B-506-CANACERO-2019
(ASTM A615/A615M-18)

USES

- Reinforcement of: Piles, Floors, Columns, Beams, Slabs, Walls, Ring beams, fabricated Structures, Tunnels, Pavements, Bridges, Channels.

SOLUTIONS

- ARCIME, ARPISO, ARLOSA, ARMURO, ARPREF, ARPAVIM, ARPUNTE, ARCANAL, ARTUNEL, ARCOLUM, AREOLIC

CHARACTERISTICS

- Grade 42 hot rolled corrugated rebar
- Equivalent to ASTM Grade 60 rebar
- "W" corrugated for better adherence to concrete
- Straight or folded presentation

ADVANTAGES

- Compliance with NMX and ASTM Standards
- Environmental Product Declaration (EPD)
- Versatility for on-site adjustments
- Immediate product availability

Nominal Dimensions (NMX)

No.	Diameter		Area	Weight
	(in)	(mm)	(cm ²)	(kg/m)
3	3/8	9.5	0.71	0.560
4	1/2	12.7	1.27	0.994
5	5/8	15.9	1.98	1.552
6	3/4	19.0	2.85	2.235
8	1	25.4	5.07	3.973
10	1 1/4	31.8	7.94	6.225
12	1 1/2	38.1	11.40	8.938

Nominal Dimensions (ASTM)

No.	Diameter		Area	Weight
	(in)	(mm)	(plg ²)	(Lb/ft)
3	3/8	9.5	0.11	0.376
4	1/2	12.7	0.20	0.668
5	5/8	15.9	0.31	1.043
6	3/4	19.1	0.44	1.502
8	1	25.4	0.79	2.670
10	1 1/4	32.3	1.27	4.303

Mechanical Properties:

	Grade 42 (NMX)	Grade 60 (ASTM)
Minimum yield stress Minimum	4,200 kg/cm ²	60,000 Lb/plg ²
Tensile strength Minimum	6,300 kg/cm ²	90,000 Lb/plg ²
Elongation in 20 cm		
3, 4, 5 and 6	9 %	9 %
8	8 %	8 %
10 and 12	7 %	7 %

Presentations:

Rebar	Straight-Folded	Straight-Coil
3 and 4	9.15 m y 12.00 m	20, 40 & 60 ft
5, 6, 8, 10 and 12		