

GRADE 6000 REBAR

Strength in construction.
A true fact.



VIGA
TREFILADOS

VILLACERO | ALAMBRES

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DESCRIPTION

Grade 6000 rebar represents another option for concrete reinforcement, which consists of high resistance corrugated rods in small diameters. This product is manufactured with the most advanced technology, using international quality wire rod as raw material, which is then cold rolled, acquiring greater tension resistance.

MECHANICAL PROPERTIES

- Tension resistance: 70 kgf/mm²
- Fluency limit 60 kgf/mm² minimum
- Elongation (ductility): elongation at rupture in 10 diameters. 8% minimum
- Corrugate spacing: minimum 4.61 mm and maximum 7.25 mm.

PRESENTATION

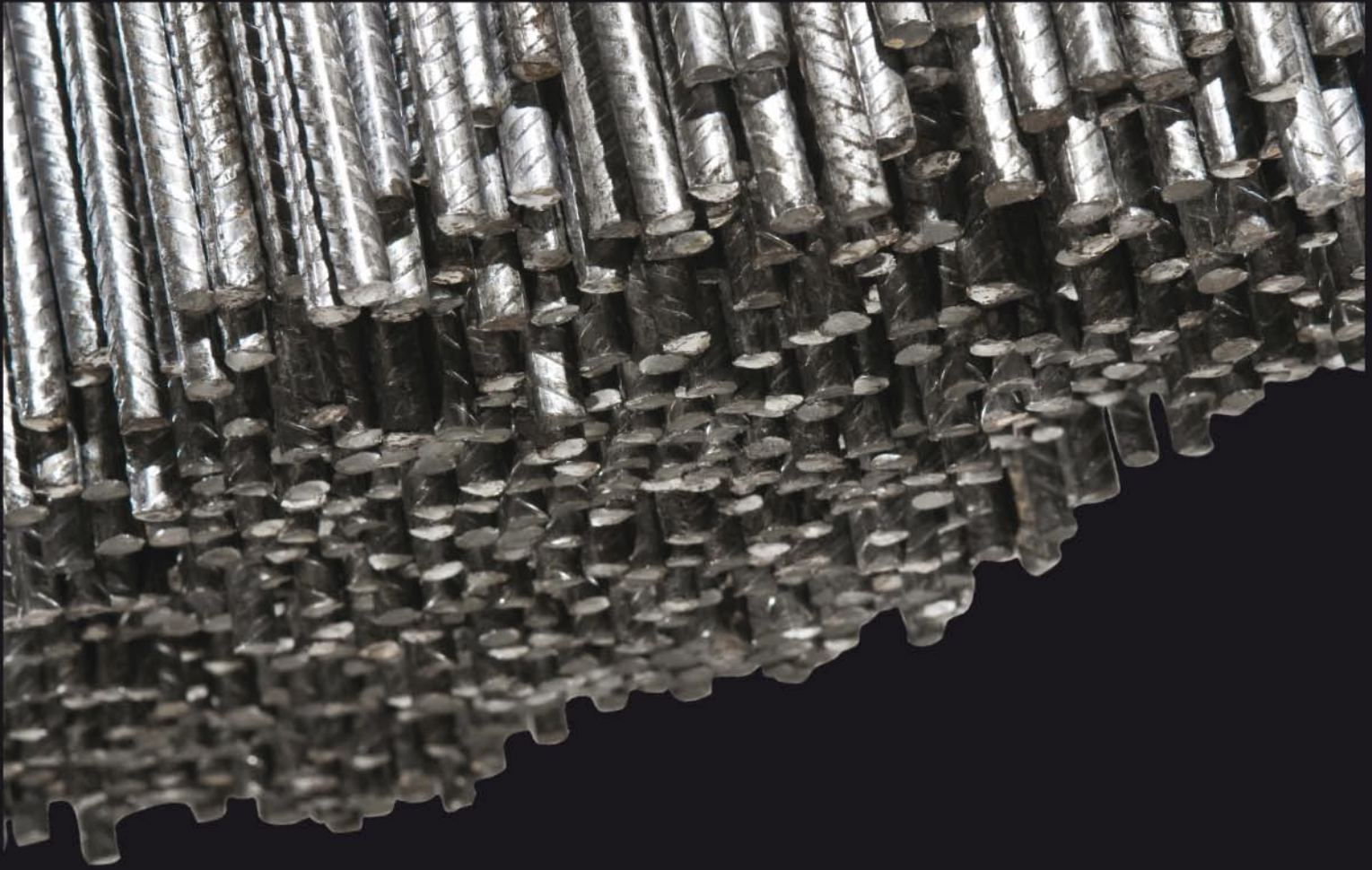
- Sections: 6 m. length, in one ton ties.
- Special lengths are available upon special order. (12 m. maximum)

NORMS

Excellent compliance with quality norms NOM-B-72, NOM-B-253, ASTM-A-82, ASTM-A-496

APPLICATIONS

- Short span lightweight slabs
- Short span solid slabs
- Beams
- Girders
- Bond beams
- Castles and drowned castles
- Concrete poles
- Additional steel for beams
- Horizontal reinforcement in masonry walls (ladder type)
- Concrete pipes



SPECIFICATIONS

DIAMETER		AREA		WEIGHT		WEIGHT PER BAR (6m)	BARS (6m) PER TON	PERFORMANCE	HEIGHT OF CORRUGATE
NO. DE DESIGNACIÓN (B)	DIÁMETRO NOMINAL (A)								
inch	D mm	mm ²	inch ²	kg/m	kg			m/kg	mm (min).
2,50	7.94	49.51	0.077	0.388	2.33	429		2.577	0.492
2,00	6.35	31.67	0.049	0.248	1.49	671		4.032	0.394
1,50	4.76	17.80	0.028	0.140	0.84	1194		7.143	0.295
1,25	3.97	12.38	0.019	0.097	0.58	1717		10.309	0.246

A) The nominal diameter of a corrugated wire is equivalent to the diameter of a plane wire having the same nominal mass.

B) The corrugated wire designation number corresponds to the number of eighths of an inch of its nominal diameter.

REBAR G-6000 EQUIVALENCE

G-6000 REBAR

5/16"

1/4"

5/32"

G-42 REBAR

3/8"

5/16"

1/4" WIRE ROD

SUBSTITUTES



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