

FRAMEWORK FOR TRUSS GIRDERS

Strength for your construction.
A true fact.



VIGA
TREFILADOS

VILLACERO | ALAMBRES

FRAMEWORK FOR TRUSS GIRDERS

Strength for your construction.
A true fact.

DESCRIPTION

Framework for truss girders is an element used to manufacture semi-prefabricated concrete beams, in the construction of slabs under the beam-vault system. It consists of three longitudinal corrugated rods that create a triangular section. Lower rods are electro-welded to the top rod by stirrups in smooth wire lattice. Framework for truss girders is manufactured with the most advanced technology and utilizing international quality wire rod as raw material, acquiring great tension resistance thanks to our cold rolled process.

NORMS

Excellent compliance with quality norms NOM-B-253, NOM-B-72, NOM-B-455, ASTM-A-82, ASTM-A-496

PRESENTATION

- Manufactured in sections of 6 m. length.
- Packages of 120 beams.
- Special lengths upon request (up to 12 mts.)

MECHANICAL PROPERTIES

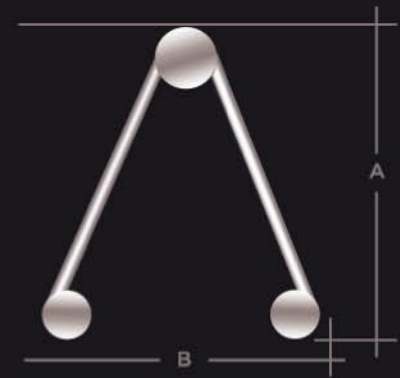
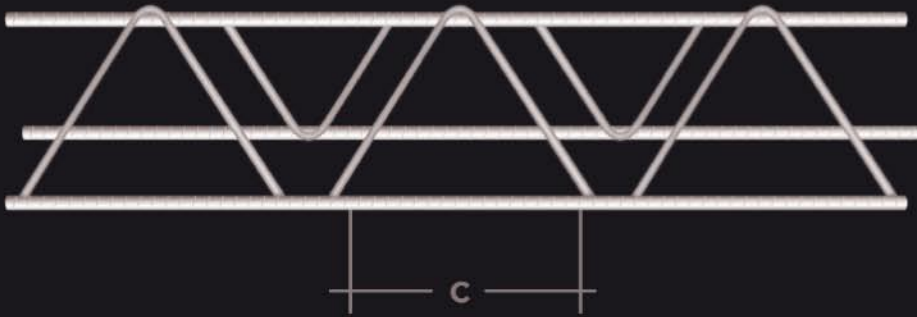
- Tension resistance 57 kgf/mm²
- Shear resistance welding of top bar: 792 kgf minimum
- Shear resistance welding of lower bars: 443 kgf minimum
- Fluency limit 50 kgf/mm² minimum
- Elongation (ductility): elongation at rupture in 10 diameters; minimum 6
- Reduction of area: 30% minimum.
- Corrugation spacing: minimum of 4.61 mm and 7.25 mm maximum

APPLICATIONS

- Fabrication of semi-prefabricated concrete beams
- Assembly of ribs of lightweight slabs
- Solid slabs
- Terminations

SPECIFICATIONS

TYPE	DIMENSIONS			TOP BAR		LOWER BARS		DIAGONAL WIRE	
	A (mm)	B (mm)	C (mm)	Gauge	Diameter (mm)	Gauge	Diameter (mm)	Gauge	Diameter (mm)
12-36	120	310	200	1/4"	6.35	3/16"	4.75	8.0	4.11
14-36	140	310	200	1/4"	6.35	3/16"	4.75	8.0	4.11
12-64	120	310	200	1/4"	6.35	1/4"	6.35	8.0	4.11
14-64	140	310	200	1/4"	6.35	1/4"	6.35	8.0	4.11
21-64	210	310	200	1/4"	6.35	1/4"	6.35	8.0	4.11





SALES REPRESENTATIVES
THROUGHOUT THE MEXICAN REPUBLIC

T (81) 8989 8989
ventas@villacero.com
WWW.VILLACERO.COM

MONTERREY, N.L.
TORRE VILLACERO
AVE. OCAMPO 250 PTE
ZONA CENTRO C.P. 64000
T (81) 8989 8989
F (81) 8989 8988

MÉXICO, D.F.
PONIENTE 128 NO. 672
FRACC. INDUSTRIAL VALLEJO
C.P. 02300
T (55) 3000 6000
F (55) 3000 6091

GUADALAJARA, JAL.
FRANCISCO JAVIER GAMBOA
NO. 388 INT. 203 COL. ARCO SUR
C.P. 44150
T (33) 3616 7272, 3616 7364
F (33) 3616 7272, 3616 7364

CÓRDOBA, VER.
KM 10 CARRETERA FEDERAL
COL. VENTA PARADA AMATLÁN
DE LOS REYES
C.P. 94946
T (271) 716 6595