



Lattice girders

The Lattice girders are produced with 2 longitudinal wires in the bottom flange and 1 wire on the top, welded together in regular distances using a smaller diameter secondary wire.

The top and bottom reinforcing wires are produced with wire rod SAE1010 that after cold rolling obtains the mechanical characteristics of the required reinforcing steel B500A according to DIN488.

The Lattice girders are used mainly as reinforcement of prefabricated slabs and beams, where concreting is performed in two stages, offering the advantage of avoiding scaffolding and formwork needed in traditional construction.

Therefore, Lattice girders are best suited when slab reinforcement is generally light, while at the same time fast and no-formwork construction is needed.



TYPE

Lattice girders



STEEL GRADE

Top and bottom reinforcing wires:
reinforcing steel grade DIN 488
Welded-Longitudinal
wires: steel St 37-2



LENGTH DIMENSIONS

Length: from 6 to 12m
Welding spacing: 200mm



Technical characteristics

Height H (mm)	Width B (mm)	Welding spacing T (mm)	Diameters longitudinal wires		Welded wires D_3 (mm)
			Bottom D_2 (mm)	Top D_1 (mm)	
70-220	70-100	200	$\emptyset 4$ to $\emptyset 10$	$\emptyset 5$ to $\emptyset 10$	$\emptyset 4.2$ to $\emptyset 6$

