

FFL FIXING



Overview

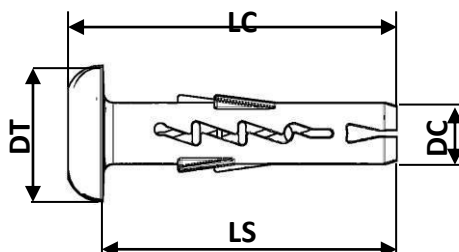
The hammer plug of the Avant series is divided into three families according to the shape of the head, which can be a mushroom head, a round head or a countersunk head. The head of the nail is made with a cross cut and PZ imprint. The plug and the C1006-1008 galvanized steel nail (galvanizing thickness of 3-5 μm) make its use very reliable over time, even in particularly critical environmental conditions.

Material

Plug: PA6 - Polyamide PA6.

Nail: White zinc-plated steel (Zinc-plating thickness of 3-5 μm) with cross cut head, PZ2 imprint.

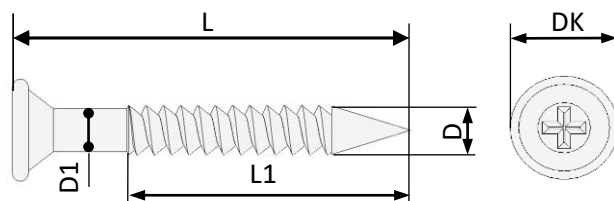
Plug Dimensions



Code		DT	DC	LC	LS
Refs	Tol.	$\pm 0,25$	$\pm 0,25$	$\pm 1,00$	$\pm 1,00$
FFL5X27	Nom.	11	5	27	25
FFL6X32	Nom.	13	6	32	30

Note: All dimensions are expressed in millimeters, unless otherwise stated.

Nail Dimensions



Nail		D	D1	DK	L	L1	Cut
Code	Tol.	± 0,10	+ 0,10 - 0,00	± 0,10	+ 0,00 - 1,05	± 1,00	
3,5x30		3,5	3,0	7,5	30	21	PZ2
3,9x40		3,9	3,4	8,2	40	25	PZ2

Note: All dimensions are expressed in millimeters, unless otherwise stated.

Benefits

- Hammer plug provided with a pre-assembled nail, quick to install.
- Higher performance compared to traditional hammer plugs.
- Wide range of temperatures (between -40°C and +80°C).
- Fast and easy installation.

Applications

- Concrete.
- Solid bricks.
- Hollow wall.
- Stone.
- Able to fix metal profiles for plasterboards, wooden and metal substructures, panels and light plates.

Packaging Informations

Packaging	DCxLC	Hole Ø	Nail DxL	Pcs/Box	Box/Carton	Carton/Pallet
Box	FFL5X27	5	3,5x30	200	36	12
	FFL6X32	6	3,9x40	200	24	12
Industrial Packaging	FFLI5X27	5	3,5x30	10.000	1	12
	FFLI6X32	6	3,9x40	6.000	1	12

Note: All dimensions are expressed in millimeters, unless otherwise stated.



Loads

MECHANICAL STRENGTH [kN]

Code	Nail DxL	Tensile strength on concrete R250	Tensile strength solid brick	Tensile strength on hollow wall
FFL5X27	3,5x30	0.50	0.50	0,45
FFL6X32	3,9x40	0.60	0.60	0.50

Note: 1 kN=100 kgf

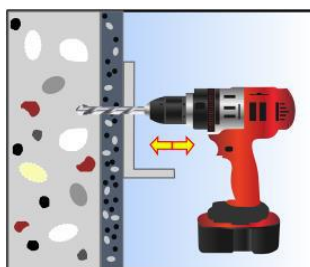
The reported values are mean values obtained from internal tests.

All dimensions are expressed in millimeters, unless otherwise stated.

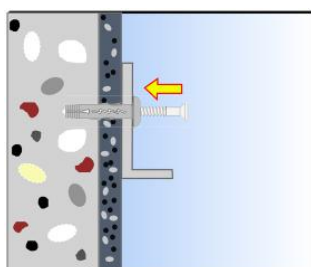
WE RECOMMEND USING APPROPRIATE SAFETY COEFFICIENTS.

Installation

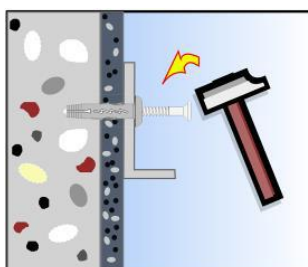
1. Drilling



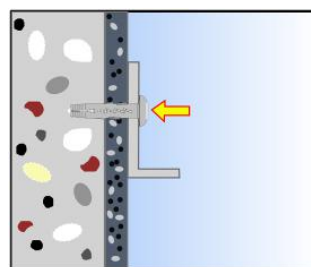
2. Plug insertion



3. Blow



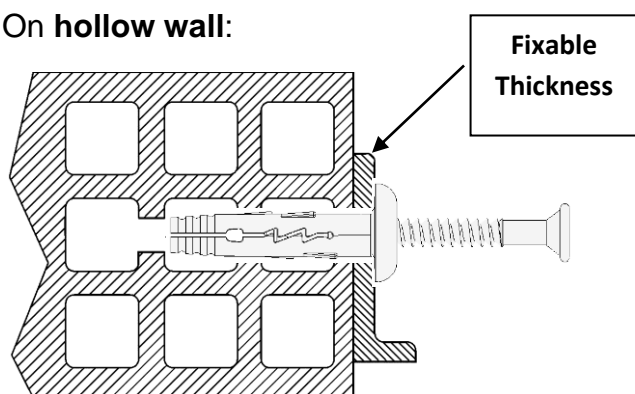
4. Fixing



DCxLC	Hole Ø	Drilling depth	Fixable Thickness
FFL5X27	5.00	35	3,50
FFL6X32	6.00	40	5.00

Note: All dimensions are expressed in millimeters, unless otherwise stated.

On hollow wall:



On concrete:

