

FA (FAW) & FC (FCW) FIXINGS

Light plug without collar

FA



FAW



Light plug with collar

FC



FCW



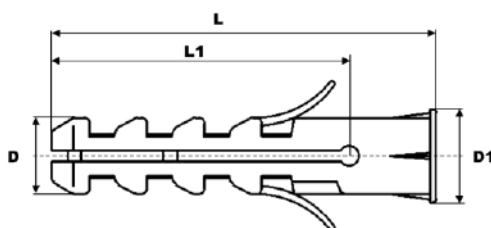
Overview

The plug without collar FA series and the one with collar FC series is a universal plug to be used in multiple applications. It is made of nylon PA6 of excellent quality so as to guarantee the durability. It can be provided also with a galvanized, countersunk and cross-cut head screw and they are encoded as FAW and FCW.

Material

PA6 - Polyamide PA6.

Fixing Dimensions



PLUG FA (FAW) DIMENSIONS

Code	D Tol: ± 0,5	D1 Tol: ± 0,5	L Tol: ± 1,0	L1 Tol: ± 1,0	Ø Hole	ØxL Screw
Light plugs without collar						
FA05 - FAW05	5	5	25	20	5	3,5x30
FA06 - FAW06	6	6	30	22	6	4,5x40
FA08 - FAW08	8	8	40	30	8	5,0x50
FA10 - FAW10	10	10	50	38	10	6,0x60
FA12 - FAW12	12	12	60	48	12	8,0 / 10,0
FAI05	5	5	25	20	5	
FAI06	6	6	30	22	6	
FAI08	8	8	40	30	8	
FAI10	10	10	50	38	10	
FAI12	12	12	60	48	12	

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

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PLUG FC (FCW) DIMENSIONS

Code	D Tol: ± 0,5	D1 Tol: ± 0,5	L Tol: ± 1,0	L1 Tol: ± 1,0	Ø Hole	ØxL Screw
Light plugs with collar						
FC05 - FCW05	5	8	26	20	5	3,5x30
FC06 - FCW06	6	8,5	31	22	6	4,5x40
FC08 - FCW08	8	10	41	30	8	5,0x50
FC10 - FCW10	10	12	51	38	10	6,0x60
FC12 - FCW12	12	15	62	48	12	8,0 / 10,0
FCI05	5	8	26	20	5	
FCI06	6	8,5	31	22	6	
FCI08	8	10	41	30	8	
FCI10	10	12	51	38	10	
FCI12	12	15	62	48	12	

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

Benefits

- The expansion on two directions allows the plug, with expansions parallel to the edge line, to fix loads even near edges.
- Effective anti-rotation wings.
- Wide range of temperatures (between -40°C and +80°C).
- Fast and easy installation.

Applications

- Concrete.
- Solid bricks.
- Stone.

Able to fix medium-low loads such as: chandeliers, bathroom fixtures, pictures, electrical panels.

Packaging Informations

Code	Pcs/Box	Box/Carton	Carton/Pallet
FA05 - FC05 FAW05 - FCW05	300	72	12
FA06 - FC06 FAW06 - FCW06	200	72	12
FA08 - FC08 FAW08 - FCW08	100	36	12
FA10 - FC10 FAW10 - FCW10	100	24	12
FA12 - FC12 FAW12 - FCW12	50	24	12

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Code	Pcs/Box	Box/Carton	Carton/Pallet
FAI05 - FCI05	30.000	bulk	12
FAI06 - FCI06	25.000	bulk	12
FAI08 - FCI08	12.500	bulk	12
FAI10 - FCI10	7.000	bulk	12
FAI12 - FCI12	4.000	bulk	12

Loads

MECHANICAL STRENGTH [kN]

Code	Tensile strength on solid brick	Tensile strength on concrete R250	Tensile strength on hollow wall
FA05-FC05	0,170	0,200	0,115
FA06-FC06	0,250	0,300	0,200
FA08-FC08	0,400	0,410	0,300
FA10-FC10	0,430	0,700	0,350
FA12-FC12	0,550	1,02	0,500

Note: 1 kN=100 kgf

The reported values are mean values obtained from internal tests.

WE RECOMMEND USING APPROPRIATE SAFETY COEFFICIENTS.

Installation

- Drill the hole with a suitable diameter bit;
- Insert the plug (if close to the edge, let the expansion take place parallel to the edge);
- Rest the load to be fixed to the wall;
- Insert the screw and screw until the load is tightened.

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