

FAP (FAPW) & FCP (FCPW) FIXINGS

Light plug without collar

FAP



FAPW



Light plug with collar

FCP



FCWP



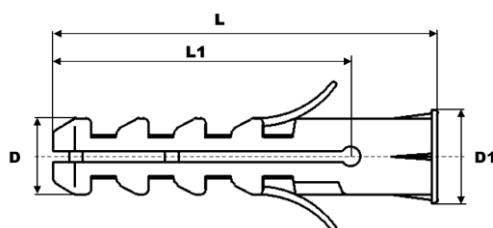
Overview

The FAP plug without collar and the FCP one with collar are universal plugs to be used in multiple applications. It is made of high-density polyethylene (PEHD) which guarantees a good quality/price ratio. FAP and FCP plugs can be provided also with a galvanized, countersunk and cross-cut head screw and they are encoded as FAPW and FCPW.

Material

HDPE – High-density Polyethylene.

Plug Dimensions



PLUG FA (FAW) DIMENSIONS

Code	D Tol: $\pm 0,5$	D1 Tol: $\pm 0,5$	L Tol: $\pm 1,0$	L1 Tol: $\pm 1,0$	Ø Hole	ØxL Screw
Light plugs without collar						
FAP05 - FAPW05	5	5	25	20	5	3,5x30
FAP06 - FAPW06	6	6	30	22	6	4,5x40
FAP08 - FAPW08	8	8	40	30	8	5,0x50
FAP10 - FAPW10	10	10	50	38	10	6,0x60
FAP12	12	12	60	48	12	8,0 / 10,0
FAP105	5	5	25	20	5	
FAP106	6	6	30	22	6	
FAP108	8	8	40	30	8	
FAP110	10	10	50	38	10	
FAP112	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: $\pm 0,5$	D1 Tol: $\pm 0,5$	L Tol: $\pm 1,0$	L1 Tol: $\pm 1,0$	Ø Hole	ØxL Screw
Light plugs with collar						
FCP05 - FCPW05	5	8	26	20	5	3,5x30
FCP06 - FCPW06	6	8,5	31	22	6	4,5x40
FCP08 - FCPW08	8	10	41	30	8	5,0x50
FCP10 - FCPW10	10	12	51	38	10	6,0x60
FCP12	12	15	62	48	12	8,0 / 10,0
FCPI05	5	8	26	20	5	
FCPI06	6	8,5	31	22	6	
FCPI08	8	10	41	30	8	
FCPI10	10	12	51	38	10	
FCPI12	12	15	62	48	12	

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

Benefits

- Economic solution compared to the FA and FC series.
- 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 $+80^{\circ}\text{C}$).
- 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
FAP05 - FCP05 FAPW05 - FCPW05	300	72	12
FAP06 - FCP06 FAPW06 - FCPW06	200	72	12
FAP08 - FCP08 FAPW08 - FCPW08	100	36	12
FAP10 - FCP10 FAPW10 - FCPW10	100	24	12
FAP12 - FCP12 FAPW12 - FCPW12	50	24	12

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Code	Pcs/Box	Box/Carton	Carton/Pallet
FAI05 - FCI05	30.000	1	12
FAI06 - FCI06	25.000	1	12
FAI08 - FCI08	12.500	1	12
FAI10 - FCI10	7.000	1	12
FAI12 - FCI12	4.000	1	12

Loads

MECHANICAL STRENGTH [kN]

Code	Tensile strength on solid brick	Tensile strength on concrete R250	Tensile strength on hollow wall
FA05-FC05	0,160	0,190	0,110
FA06-FC06	0,230	0,280	0,190
FA08-FC08	0,380	0,390	0,280
FA10-FC10	0,410	0,670	0,330
FA12-FC12	0,450	0,950	0,425

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.

