

Turbo aircrete anchor FTP K

The versatile nylon anchor for aerated concrete



External lighting



Radiators

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Applications

- Pictures
- Lighting
- Shelves
- Mirror cabinets
- Letter boxes
- Signs
- Motion detectors
- Cable and pipe clips
- Stand-off installations

Certificates



Advantages

- The FTP K is suitable for both wood screws and metric screws, and thus offers flexibility in screw choice.
- The spiral-shaped outer thread taps itself into the soft aerated concrete with a positive fit, thus ensuring a secure hold.
- Setting with the FTP EK setting tool re-

quires only a small amount of force. For a convenient installation.

- The special geometry allows for an almost expansion-force-free anchoring. This allows for small edge and spacing distances, and avoids splitting in the case of plastered surfaces.

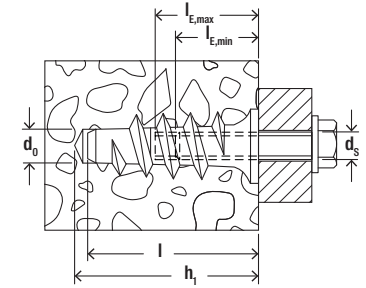
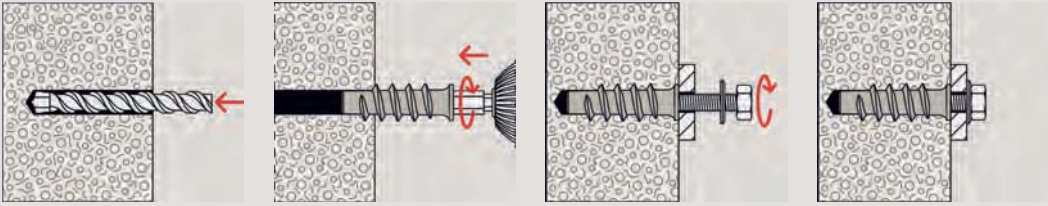
Building materials

- Aerated concrete
- Solid panel made from gypsum

Functioning

- The FTP K is suitable for pre-positioned installation.
- Set the FTP K with setting tool FTP EK. The aircrete anchor taps itself into the aerated concrete with a positive fit during the installation process.
- Suitable for wood and metric screws with diameter 4 to 10 mm.

Installation FTP



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Technical data

Turbo aircrete anchor FTP K



FTP K (nylon)

Item	Item No.	Drill hole diameter d_0 [mm]	Min. drill hole depth h_1 [mm]	Anchor length l [mm]	Woodscrew diameter d_s [mm]	Metric screw M	Min. bolt penetration $l_{E,min}$ [mm]	Max. bolt penetration $l_{E,max}$ [mm]	Sales unit [pcs]
FTP K 4	078411 ¹⁾	8 - (10)	60	50	4 - 4,5	M 4	35	60	25
FTP K 6	078412 ¹⁾	8 - (10)	60	50	5 - 6	M 5 - 6	40	60	25
FTP K 8	078413 ¹⁾	10 - (12)	70	60	7 - 8	M 8	45	70	25
FTP K 10	078414 ¹⁾	12 - (14)	80	70	9 - 10	M 8 - 10	50	80	10

1) Values in brackets for drill hole diameter apply for aerated concrete, compressive strength of 5,0 N/mm² or higher.

Accessories

Setting tool FTP EK



FTP EK 4/6

FTP EK 8

FTP EK 10

Item	Item No.	Match	Sales unit [pcs]
FTP EK 4/6	090990	FTP K4 / FTP K6	1
FTP EK 8	090991	FTP K8	1
FTP EK 10	090992	FTP K10	1

Loads

Turbo aircrete anchor FTP K

Highest recommended loads¹⁾ for a single anchor in aerated concrete and gypsum blocks.
The given loads are valid for screws with the specified diameter.

Type		FTP K 4	FTP K 6	FTP K 8	FTP K 10	
Screw diameter	[mm]	4	5 - 6	8	8 - 10	
Min. edge distance c_{min}	[mm]	100	100	150	200	
Recommended loads in the respective base material F_{rec} ²⁾						
Aerated concrete	ACC 2 ($\geq 2,5 \text{ N/mm}^2$)	[kN]	0.15	0.20	0.30	0.40
Aerated concrete	ACC 4 ($\geq 5,0 \text{ N/mm}^2$)	[kN]	0.25	0.30	0.40	0.50
Gypsum block		[kN]	-	-	0.29	0.54

¹⁾ Required safety factors are considered.

²⁾ Valid for tensile load, shear load and oblique load under any angle.