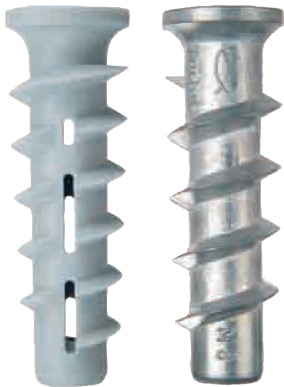
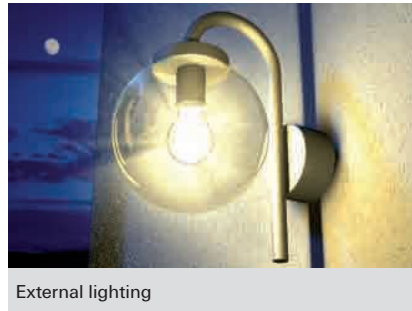


The versatile nylon anchor for aerated concrete and the metal anchor for metric screws in aircrete

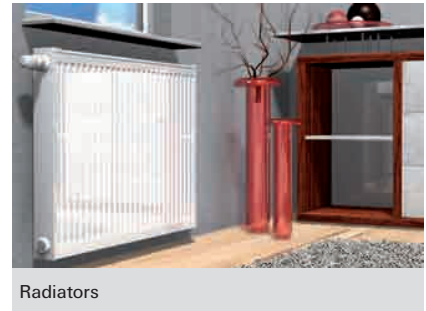


FTP K

FTP M



External lighting



Radiators

BUILDING MATERIALS

- Aerated concrete
- Solid panel made from gypsum

CHARACTERISTICS



Applies to FTP K only

ADVANTAGES - FTP K

- The FTP K is suitable for both wood screws and metric screws and 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 requires only a small amount of force. For a convenient installation.
- The special design provides almost expansion-force-free anchoring. This allows for small edge and spacing distances, and avoids splitting when used in plastered surfaces.

ADVANTAGES - FTP M

- The Allen key drive makes it possible to set the FTP M without the need for a special setting tool. This allows for a simple installation.
- The FTP M achieves a very high load-bearing capacity in aerated concrete for increased safety.
- The spiral-shaped outer thread taps itself into the aerated concrete with a positive fit. This means that it can be set without too much force.

APPLICATIONS

- Pictures
- Lighting
- Shelves
- Mirror cabinets
- Letter boxes
- Signs
- Motion sensors
- Cable and pipe clamps
- Stand-off installations
- Radiators - FTP M
- TV Consoles - FTP M

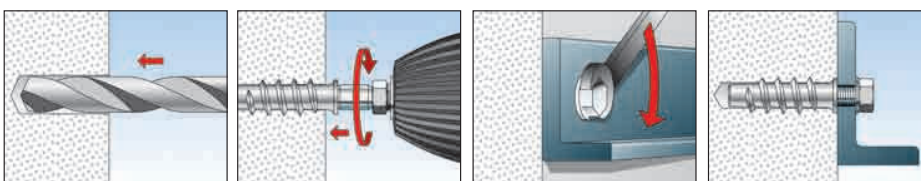
FUNCTIONING FTP K/M

- The FTP K & FTP M for pre-positioned installation.
- Set the FTP K with installation tool FTP EK and the FTP M with tool FTP EM. 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.
- Use a low torque when installing.

FUNCTIONING - FTP M

- The Suitable for metric screws with diameter 6 to 10 mm.
- For installation with an Allen key: Allen key size corresponds to screw diameter, e.g. FTP M6 is installed with Allen key size 6.
- For installation with cordless screwdriver: use a low torque and use the correct 6-kt bit FTP EM.

INSTALLATION



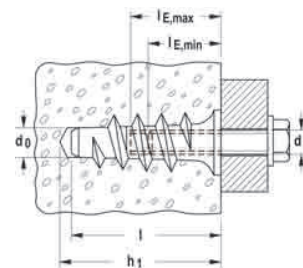
TECHNICAL DATA



Turbo aircrete anchor **FTP K** (nylon)



Turbo aircrete anchor **FTP M** (metal)



Items to order only		Drill hole diameter	Min. drill hole depth	Anchor length	Woodscrew diameter	Metric screw	Min. bolt penetration	Max. bolt penetration	Sales unit
Item	Art.-No.	d_0 [mm]	h_1 [mm]	l [mm]	d_s [mm]	M	$l_{E,min}$ [mm]	$l_{E,max}$ [mm]	[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



Installation tool **FTP EK** for FTP K (nylon)



Installation Tool **FTP EM** for (metal)

Items to order only	Art.-No.	Fits	Sales unit
Item			[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
FTP EM 6	078577	FTP M6	1
FTP EM 8	078578	FTP M8	1
FTP EM 10	078579	FTP M10	1

LOADS

Turbo Aircrete anchor FTP K

Highest recommended loads¹⁾ for a single anchor in aerated concrete and plaster walls.

The given loads are valid for screws with the specified diameter.

Type			FTP K4	FTP K6	FTP K8	FTP K10
Screw diameter	\emptyset	[mm]	4	5-6	8	8-10
Edge distance	c_{min}	[mm]	100	100	150	200
Recommended loads in the respective base material F_{rec} ²⁾						
Aerated concrete	PP2; PB2 ($\geq 2,5$ N/mm ²)	[kN]	0,15	0,20	0,30	0,40
Aerated concrete	PP4; PB4 ($\geq 5,0$ N/mm ²)	[kN]	0,25	0,30	0,40	0,50
Plaster wall		[kN]	-	-	0,29	0,54

¹⁾ Includes the safety factor 5.

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

LOADS

Turbo Aircrete anchor FTP M

Highest recommended loads¹⁾ for a single anchor in aerated concrete and plaster walls.

The given loads are valid for screws with the specified diameter.

Type			FTP M6	FTP M8	FTP M10
Thread M			M6	M8	M10
Edge distance	c_{min}	[mm]	100	150	200
Recommended loads in the respective base material F_{rec} ²⁾					
Aerated concrete	PP2; PB2 ($\geq 2,5$ N/mm ²)	[kN]	0,30	0,45	0,60
Aerated concrete	PP4; PB4 ($\geq 5,0$ N/mm ²)	[kN]	0,50	0,65	0,70
Aerated concrete	PP6; PB6 ($\geq 7,5$ N/mm ²)		0,70	0,80	0,90
Plaster wall		[kN]	-	0,45	0,65

¹⁾ Includes the safety factor 5.

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