

Turbo aircrete anchor FTP M

The metal anchor for metric screws for aerated concrete



Shelves



Wall consoles

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Applications

- Pictures
- Lighting
- Shelves
- Mirror cabinets
- Curtain rails
- Cable and pipe clips
- Stand-off installations
- Radiators
- TV consoles

Advantages

- The Allen key chuck 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 the need for much force.
- 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.

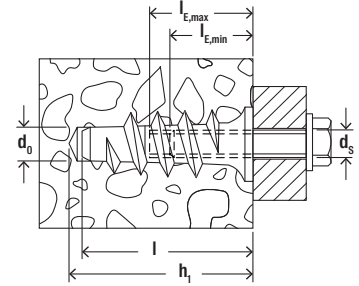
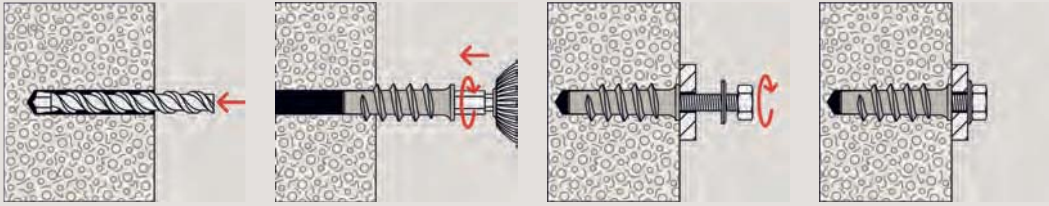
Building materials

- Aerated concrete
- Solid panel made from gypsum

Functionality

- The FTP M is suitable for pre-positioned installation.
- The aircrete anchor taps itself into the aircrete with a positive fit during the installation process.
- Suitable for metric screws with diameter 6 to 10 mm.
- For installation with a hexagon socket: Size of the hexagon socket corresponds to screw diameter, e.g. FTP M6 is installed with hexagon socket size 6.
- For installation with cordless screwdriver: use a low torque and use the correct 6-kt bit FTP EM.

Installation FTP



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Technical data

Turbo aircrete anchor FTP M



FTP M (metal)

Item	Item No.	Drill hole diameter	Min. drill hole depth	Anchor length	Metric screw	Min. bolt penetration	Max. bolt penetration	Sales unit [pcs]
		d_0 [mm]	h_1 [mm]	l [mm]	M	$l_{E,min}$ [mm]	$l_{E,max}$ [mm]	
FTP M 6	078415 ¹⁾	8 - (10)	60	50	M 6	15	20	25
FTP M 8	078416 ¹⁾	10 - (12)	70	60	M 8	20	25	25
FTP M 10	078417 ¹⁾	12 - (14)	80	70	M 10	25	30	25

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 EM



FTP EM for FTP M (metal)

Item	Item No.	Match	Sales unit
			[pcs]
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 M

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

Type		FTP M 6	FTP M 8	FTP M 10
Thread size	[mm]	M 6	M 8	M 10
Min. edge distance	c_{min} [mm]	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]	0.30	0.45	0.60
Aerated concrete	ACC 4 ($\geq 5,0 \text{ N/mm}^2$) [kN]	0.50	0.65	0.70
Aerated concrete	ACC 6 ($\geq 7,5 \text{ N/mm}^2$) [kN]	0.70	0.80	0.90
Gypsum block	[kN]	-	0.45	0.65

¹⁾ Required safety factors are considered.

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