

Turbo aircrete anchor FTP M

The metal anchor for metric screws for aerated concrete.



Shelves



Wall consoles

6

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.

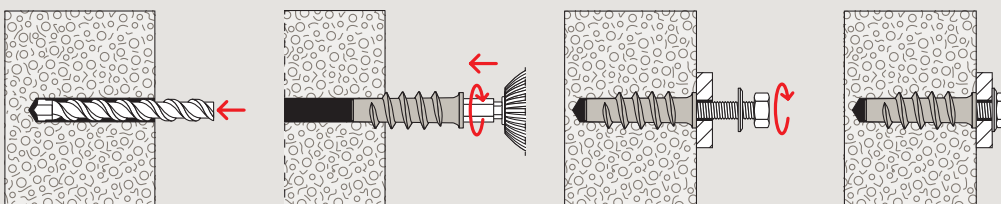
Building materials

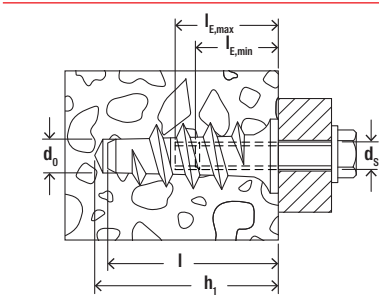
- Aerated concrete
- Solid panel made from gypsum

Functioning

- 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





Technical data

Turbo aircrete anchor FTP M

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FTP M (metal)

		Drill hole diameter	Min. drill hole depth	Anchor length	Metric screw	Min. bolt penet- ration	Max. bolt penet- ration	Sales unit
	Item no.	d ₀ [mm]	h ₁ [mm]	l [mm]	M	l _{E,min} [mm]	l _{E,max} [mm]	[pcs]
Item								
FTP M 6	078415 ¹⁾	8 - (10)	60	50	M6	15	20	25
FTP M 8	078416 ¹⁾	10 - (12)	70	60	M8	20	25	25
FTP M 10	078417 ¹⁾	12 - (14)	80	70	M10	25	30	25

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

Technical data

Accessories



FTP EM for FTP M (metal)

		Match	Sales unit
	Item no.		[pcs]
Item			
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

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 M6	FTP M8	FTP M10
Thread size	[mm]	M6	M8	M10
Min. edge distance	c _{min} [mm]	100	150	200
Recommended loads in the respective base material F _{rec} ²⁾				
Aerated concrete	AAC 2 ≥ 2.5 N/mm²	[kN] 0.30	0.45	0.60
Aerated concrete	AAC 4 ≥ 5.0 N/mm²	[kN] 0.50	0.65	0.70
Aerated concrete	AAC 6 ≥ 7.5 N/mm²	[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.