

The metal anchor for metric screws for aerated concrete



BUILDING MATERIALS

- Aerated concrete
- Solid panel made from gypsum

ADVANTAGES

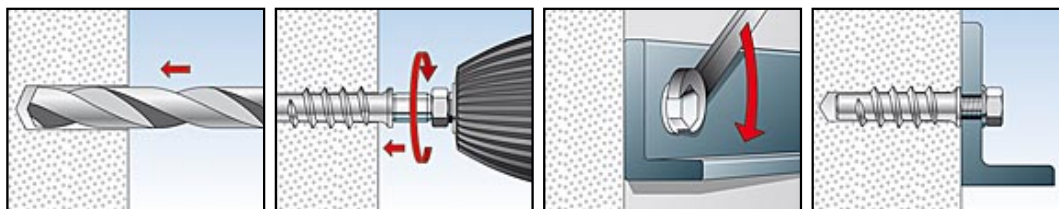
- The Allen key chuck makes it possible to set the FTP M without the need for a special setting tool. This allows for a simple installation.
- The FTP M achieves a very high load-bearing capacity in aerated concrete for increased safety.
- The spiral-shaped outer thread taps itself into the aerated concrete 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.

APPLICATIONS

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

FUNCTIONING

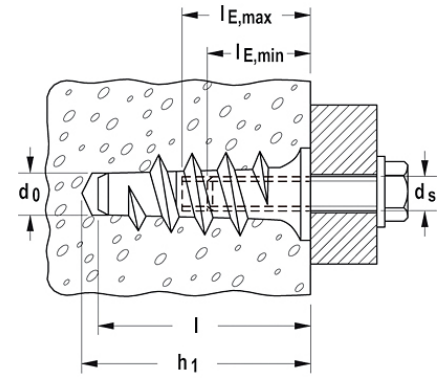
- The FTP M is suitable for pre-positioned installation.
- The aircrete anchor taps itself into the aerated concrete with a positive fit during the installation process.
- Suitable for metric screws with diameter 6 to 10 mm.
- For installation with an Allen key: Allen key size corresponds to screw diameter, 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.



TECHNICAL DATA



Turbo aircrete anchor FTP M



Article name	Art.-No.	Drill hole diameter d_0 [mm]	Anchor length l [mm]	Metric screw M
FTP M 6	078415	8 - (10)	50	M 6
FTP M 8	078416	10 - (12)	60	M 8
FTP M 10	078417	12 - (14)	70	M 10

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 ($\geq 2,5 \text{ N/mm}^2$)	[kN]	0,30	0,45	0,60
Aerated concrete	PP4; PB4 ($\geq 5,0 \text{ N/mm}^2$)	[kN]	0,50	0,65	0,70
Aerated concrete	PP6; PB6 ($\geq 7,5 \text{ N/mm}^2$)	[kN]	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.