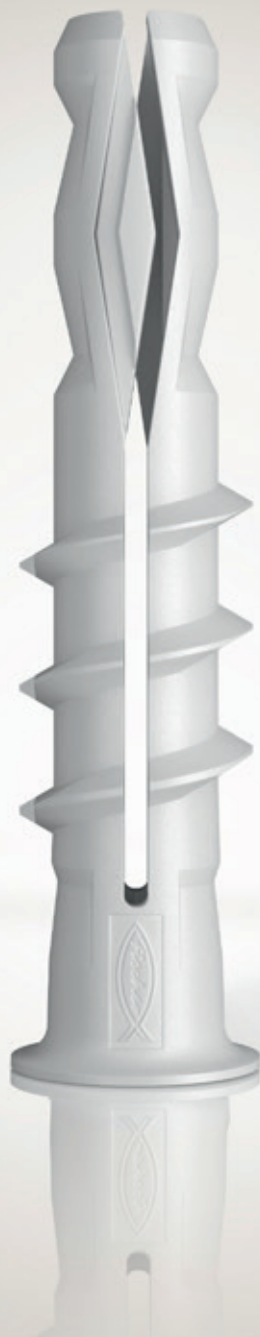




FFA.

The nylon specialist
for aerated concrete.



The plug **expands** when the screw is turned in.

The spiral-shaped external thread cuts into the **soft aerated concrete** in a **form-fitting** manner.

Suitable for **wood and chipboard screws** Ø 4,0 to Ø 10,0 as well as for **metric screws** M4 to M8.

Easy installation without setting tool:
TX drive (FFA 8 and 10)
Hexagon socket (FFA 14)

- The FFA is suitable for pre-positioned installation.
- The aerated concrete plug taps itself into the aerated concrete with a positive fit during the installation process.
- When turning in the screw, the plug expands and anchors itself in the building material.
- The required screw length is given by the plug length + fixture thickness + screw diameter.
- Suitable for wood screws, chipboard screws and metric screws.
- Use rotary drilling to create the drill hole.

★★★★★
Nylon
Quality

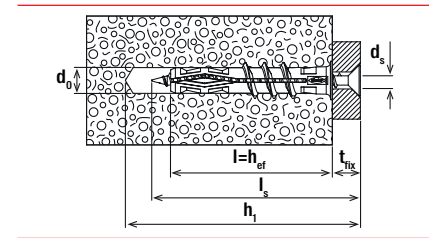
A minimalist wooden shelf is mounted on a white wall. On the left, there are several books of varying heights and colors (black, white, red). To the right of the books, there is a small black container holding pens or pencils, a red vase, a small green plant in a black pot, and a white decorative object.



- Pictures
- Lamps
- Hanging cabinets
- Wallboxes
- Curtain rods
- Trellis
- Signs
- Cable and pipe clamps
- Downpipes

The diagram illustrates the five steps of the drilling process:

- Drilling start:** A drill bit is shown entering a material, with a red arrow indicating the direction of rotation.
- Drilling progress:** The drill bit is shown further into the material, with a red arrow indicating the direction of rotation.
- Drilling completion:** The drill bit is shown at the end of the hole, with a red arrow indicating the direction of rotation.
- Drilling stop:** The drill bit is shown at the end of the hole, with a red arrow indicating the direction of rotation.
- Drilling removal:** The drill bit is shown being removed from the hole, with a red arrow indicating the direction of rotation.



Aerated concrete plug FFA											
FFA	FFA 8 S	FFA 10 S									
		Drill dia- meter	Min. drill hole depth	Plug length = min. anchorage depth	Plug drive	Wood and chipboard screws	Metric screw	Screw dimension	Drive	Max. fixture thickness	Sales unit
	Item no.	d ₀ [mm]	h ₁ [mm]	l = h _{ef} [mm]		d _s [mm]	M	d _s x l _s [mm]		t _{fix} [mm]	[pcs]
Item											
FFA 8	578981	8	60	50	TX40	4.0 - 6.0	M4 - M5	–	–	–	30
FFA 8 S	578988	8	60	50	TX40	–	–	5.0 x 60	TX20	5	15
FFA 10	578982	10	80	62	TX40	5.0 - 7.0	M6	–	–	–	30
FFA 10 S	578989	10	80	62	TX40	–	–	6.0 x 80	TX30	10	15
FFA 14	578983	14	90	70	SW 8	7.0 - 10.0	M8	–	–	–	20

Aerated concrete plug FFA								
Recommended loads ⁹⁾ for a single anchor in aerated concrete and gypsum blocks.								
The given loads are valid for screws with the specified diameter and metric screws with the specified thread size.								
Type		FFA 8		FFA 10		FFA 14		
Screw diameter	[mm]	6.0	M5	6.0	M6	10.0	M8	
Min. edge distance	c_{min} [mm]	100	100	150	150	200	200	
Recommended load in the respective base material $F_{empl}^{2)}$								
Aerated concrete	AAC 2 ≥ 2.5 N/mm ²	[kN]	0.24	0.19	0.26	0.23	0.44	0.37
Aerated concrete	AAC 4 ≥ 5.0 N/mm ²	[kN]	0.51	0.35	0.56	0.56	0.90	0.67
Aerated concrete	AAC 6 ≥ 7.5 N/mm ²	[kN]	0.71 ³⁾	0.55 ³⁾	0.88 ³⁾	0.87 ³⁾	1.52 ³⁾	0.74 ³⁾
Gypsum block	$\rho \geq 0.85$ kg/dm ³	[kN]	0.54	0.41	0.61	0.72	0.98	0.63

³⁾ Loads are valid for plastered aerated concrete. For unplastered aerated concrete, the loads must be reduced by 60% and a larger drill diameter is recommended: FFA 8 ø 10 mm, FFA 10 ø 12 mm, FFA 14 ø 16 mm.

Dealer:

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fischer stands for

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