

Window frame fixing F-S

The nylon fixing for stress-free stand-off installation of window and door frames



Window frames

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Applications

- Window frames
- Door frames

Advantages

- The operating principle of the plug prevents the frame from being pulled against the substrate, and ensures a stress-free and long-lasting fixing of the frame.
- The special plug geometry anchors the metal and plastic profiles against com-

pressive and tensile loads, and allows for a secure hold of the window frame.

- The cover cap (available separately) can be used to discreetly cover the screw head.

Certificates



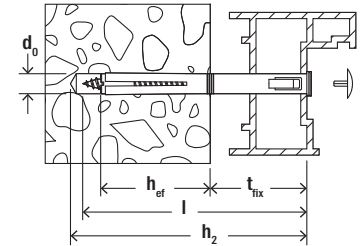
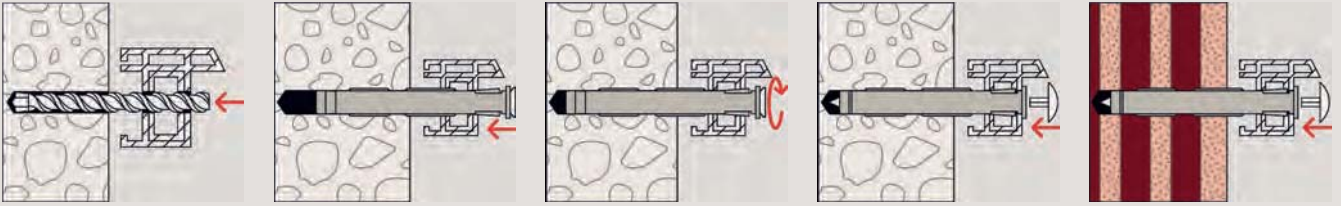
Building materials

- Concrete
- Vertically perforated brick
- Hollow blocks made from lightweight concrete
- Perforated sand-lime brick
- Solid sand-lime brick
- Aerated concrete
- Solid brick made from lightweight concrete
- Solid brick

Functioning

- The F-S is suitable for push-through installation.
- By tightening the screw, the glass-fibre-reinforced plastic cone is drawn into the sleeve, whereby it is expanded and wedged inside the drill hole. The window frames are thus fixed in a stress-free manner.
- The maximum installation torque is 3 Nm for F 8 S and 6 Nm for F 10 S.

Installation F-S



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Technical data

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F-S - with zinc-plated countersunk screw and cross drive Z3

Item	Item No.	Drill hole diameter	Effect. anchorage depth	Anchor length	Max. fixture thickness	Min. drill hole depth for through fixings	Max. installation torque	Sales unit
		d_0 [mm]	h_{ef} [mm]	l [mm]	t_{fix} [mm]	h_2 [mm]	T_{inst} [Nm]	
F 10 S 75	088625	10	50	75	15	90	6	50
F 10 S 100	088626	10	50	100	40	115	6	50
F 10 S 120	088627	10	50	120	60	135	6	50
F 10 S 140	088628	10	50	140	80	155	6	50
F 10 S 165	088629	10	50	165	105	180	6	50

Accessories

Cover cap ADF (F-S)



ADF

Item	Item No.	Diameter d [mm]	Colour	Sales unit [pcs]
ADF 12 W	060275	12	white	100

Loads

Window frame F-S				
Recommended loads ¹⁾ of a single anchor as part of a multiple fixing of non-structural systems.				
Type			F 8 S	F 10 S
Recommended loads in the respective base material $F_{rec}^{2)}$				
Concrete	≥ C20/25	[kN]	0.78	1.48
Solid brick	≥ Mz 12	[kN]	0.90	1.25
Solid sand-lime brick	≥ KS 12	[kN]	0.90	1.25
Solid brick of lightweight aggregate concrete	≥ V 2	[kN]	0.25	-
Perforated sand-lime brick	≥ KSL 6	[kN]	0.25	-

¹⁾ Required safety factors are considered.

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