Den økonomiske spesialskruen for vindusmontering

BYGGEMATERIALER

- Betong
- Vertikalt perforert tegl
- Hulblokk av lettbetong
- Kalksand-hullstein
- Kalksand-helstein
- Helstein i lettbetong
- Massiv teglstein
- Siporex, Ytong

GODKJENNINGER

ADVANTAGES

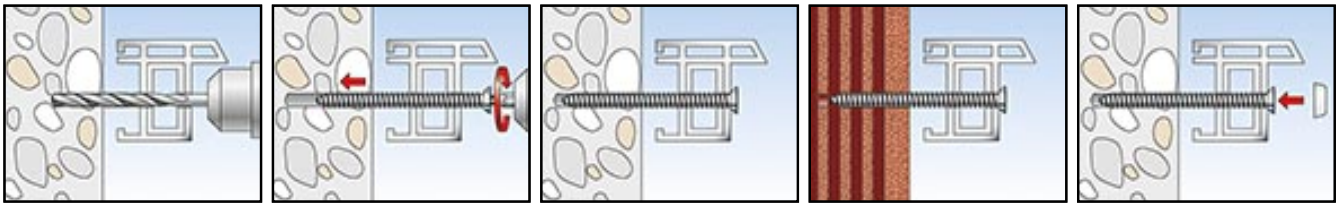
- Screw installation without plug for economical processing.
- The small drill bit diameter of 6 mm allows for efficient series installation.
- The continuous thread ensures a stress-free fixing of the frame in the substrate.
- The high-low-thread at the screw tip as well as several cutting notches reduce the amount of force required for screwing in the screws. The installation process can be completed without excessive effort.
- With two head types applicable for all common frame materials.
- According to the ift Rosenheim suitable for the fixation of a plastic window in brick masonry.

APPLIKASJONER

- Vindusrammer av tre, plast og aluminium
- Dørkarm
- Planker

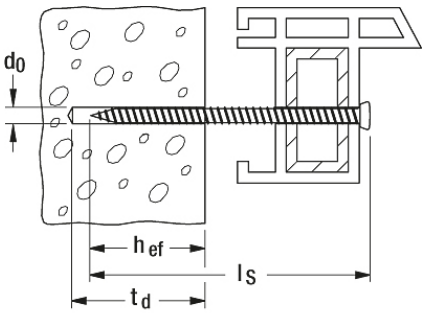
FUNCTIONING

- Note the drill hole and screw-in depths for the different building materials listed in the table.
- Cylinder head screws are recommended for recessed installation in wooden profiles.
- Flat head screws are recommended for installation in plastic and aluminium profiles.



TEKNISK DATA

Karmskrue FFS



Anchorage depth h_{ef}
$h_{ef} \geq 30$ mm in concrete
$h_{ef} \geq 40$ mm in solid brick
$h_{ef} \geq 60$ mm in perforated brick / aerated concrete

t_d : drill hole depth $\geq h_{ef} + \mathbf{10\ mm}$

Produktnavn	Art nr.	Nominell diameter boremaskin d_0 [mm]	Skruelengde l_s [mm]	Drivenhet	Skruehode [Ø mm]
FFS 7,5 x 42	**062379**	6	42	T30	11,5
FFS 7,5 x 52	**062395**	6	52	T30	11,5
FFS 7,5 x 62	**062396**	6	62	T30	11,5
FFS 7,5 x 72	**061550**	6	72	T30	11,5
FFS 7,5 x 82	**068955**	6	82	T30	11,5
FFS 7,5 x 92	**061551**	6	92	T30	11,5
FFS 7,5 x 102	**068956**	6	102	T30	11,5
FFS 7,5 x 112	**061552**	6	112	T30	11,5
FFS 7,5 x 122	**068957**	6	122	T30	11,5
FFS 7,5 x 132	**061553**	6	132	T30	11,5
FFS 7,5 x 152	**061554**	6	152	T30	11,5
FFS 7,5 x 182	**061555**	6	182	T30	11,5
FFS 7,5 x 202	**068958**	6	202	T30	11,5
FFS 7,5 x 212	**061556**	6	212	T30	11,5

LOADS

Window frame screw FFSZ and FFS

Highest recommended loads[1] for a single screw.

Type		FFS 7,5 / FFSZ 7,5								
Screw diameter	[mm]	7,5								
Anchoring depth	$h_{ef} \geq$ [mm]	30			40			60		
		recommended tensile load	recommended shear load	min. edge distance	recommended tensile load	recommended shear load	min. edge distance	recommended tensile load	recommended shear load	min. dist
		N_{rec}[4]	V_{rec}[4]	c_{min}[5]	N_{rec}[4]	V_{rec}[4]	c_{rec}[5]	N_{rec}[4]	V_{rec}[4]	c_m
		[kN]	[kN]	[mm]	[kN]	[kN]	[mm]	[kN]	[kN]	[m
Concrete	≥ C20/25 bzw. ≥ B25	1,00	0,70	30	-	-	-	-	-	
Solid sand-lime brick	≥ KS 12	-	-	-	1,00	0,60	40	-	-	
Solid brick	≥ Mz 12	-	-	-	0,40[2]	0,30[2]	40	0,80	0,70	4
Vertical perforated brick	≥ HLz 12 [2]	-	-	-	-	-	-	0,25	0,40	4
Aerated concrete block	≥ PB2, PP2 [3]	-	-	-	-	-	-	0,10	0,10	4
Aerated concrete block	≥ PB4, PP4 [3]	-	-	-	-	-	-	0,25	0,25	4

[1] A single screw is, e.g. a screw with an axial spacing $s \geq 3 \times h_{ef}$ and an edge distance $c \geq 1,5 \times h_{ef}$. The required safety factors are considered with a displacenment of 3 mm in case of shear loads.

[2] Drill method rotary drilling.

[3] Without pre-drilling.

[4] Without influence from edge distances and spacings.

[5] Minimal possible edge distance while reducing the recommended loads.

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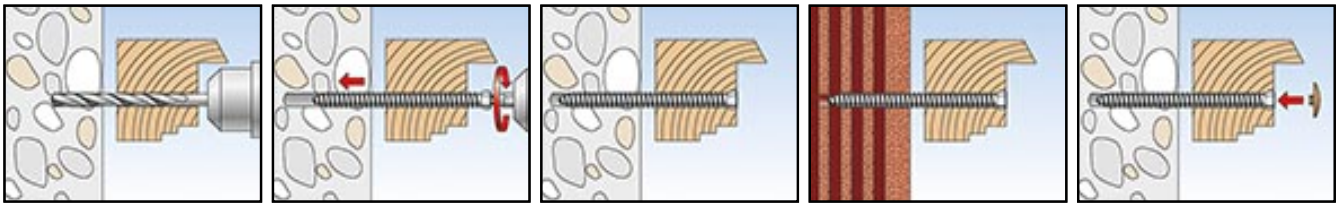
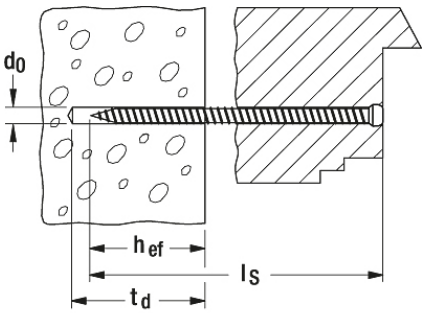


TEKNISK DATA

Karmskrue FFSZ



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FFSZ 7,5 x 62 T30	**515732**	6	62	T30	8,5
FFSZ 7,5 x 72 T30	**515734**	6	72	T30	8,5
FFSZ 7,5 x 82 T30	**515737**	6	82	T30	8,5
FFSZ 7,5 x 92 T30	**515738**	6	92	T30	8,5
FFSZ 7.5 x 102 T30	**515739**	6	102	T30	8,5
FFSZ 7,5 x 112 T30	**515740**	6	112	T30	8,5
FFSZ 7,5 x 122 T30	**515741**	6	122	T30	8,5
FFSZ 7,5 x 132 T30	**515742**	6	132	T30	8,5
FFSZ 7,5 x 152 T30	**515743**	6	152	T30	8,5
FFSZ 7,5 x 182 T30	**515744**	6	182	T30	8,5
FFSZ 7,5 x 202 T30	**515745**	6	202	T30	8,5
FFSZ 7,5 x 212 T30	**515746**	6	212	T30	8,5

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