

KKS Frame fixing with short expansion zone - countersunk pozi-drive

Frame fixing with short expansion zone



Product information

Features and benefits

- Countersunk screw and plug allows perfect installation in soft materials (e.g. wood)
- Durable, high quality PA6 grade nylon plug for extended fixing life
- Tough nylon sleeve prevents frame distortion during tightening
- Zig-zag design ensures enhanced expansion
- Special design with anti-rotation lugs
- No marking out required - drill straight through the frame

Applications

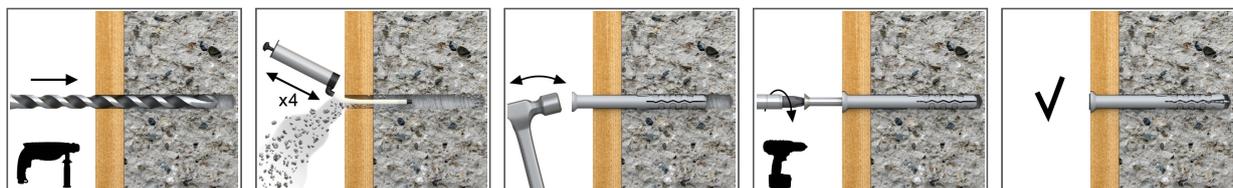
- Door and window frames

Base materials

Approved for use in:

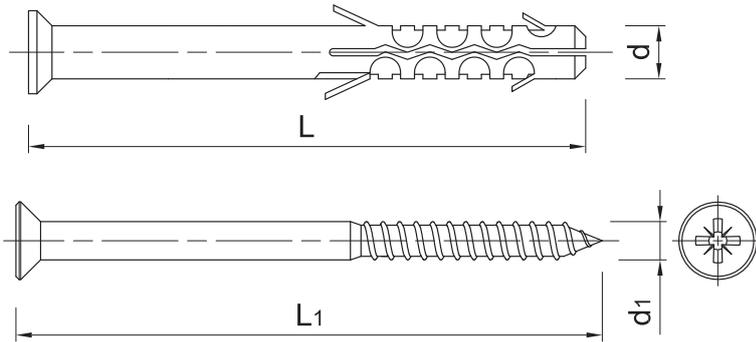
- Concrete
- Solid Brick

Installation guide



1. Drill a hole of required diameter and depth
2. Lightly tap the plug through the fixture into hole with a hammer, until fixing depth is reached
3. Tighten the screw

Product information



Size	Product Code
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Installation data

Substrate			Concrete	Solid brick
Fixing diameter	d	[mm]	8	8
Hole diameter in substrate	d ₀	[mm]	8	8
Min. hole depth in substrate	h ₀	[mm]	50	70
Installation depth	h _{nom}	[mm]	40	60
Min. substrate thickness	h _{min}	[mm]	80	80
Min. spacing	s _{min}	[mm]	25	35
Min. edge distance	c _{min}	[mm]	25	35

Basic performance data

Performance data for single fixing without influence of edge distance and spacing

Substrate		Concrete C20/25	Solid brick 7.5MPa
MEAN ULTIMATE LOAD F_{Ru,m}			
Ø8, Effective embedment depth 40 mm	[kN]	1.68	-
Ø8, Effective embedment depth 60 mm	[kN]	-	1.11
CHARACTERISTIC LOAD F_{Rk}			
Ø8, Effective embedment depth 40 mm	[kN]	1.35	-
Ø8, Effective embedment depth 60 mm	[kN]	-	0.80
DESIGN LOAD F_{Rd}			
Ø8, Effective embedment depth 40 mm	[kN]	0.75	-
Ø8, Effective embedment depth 60 mm	[kN]	-	0.32
RECOMMENDED LOAD F_{rec}			
Ø8, Effective embedment depth 40 mm	[kN]	0.54	-
Ø8, Effective embedment depth 60 mm	[kN]	-	0.23

Product commercial data

Size	Product Code	Quantity [pcs]			Weight [kg]			Bar Codes
		Box	Outer	Pallet	Box	Outer	Pallet	