

WPF Plasterboard Fixing

A classic hammer-in fixing for plasterboard

Anchor Types



WPF 12x30
WPF 12x30/ screw 4x30
WPF 12x30/ screw 4x50

Features and Benefits

- Quick and easy to install
- Does not require drilling
- Central thread guide ensures optimum screw positioning
- Sharp tip allows precise installation
- For use with Ø 3.5-5.0mm wood or chipboard screws
- Material: steel, zinc plated

Suitable base materials

- Plasterboard (9.5-12.5mm)

Typical Applications

- Light pipes and rails
- Lamps
- Pictures
- Light shelves
- Electrical and sanitary components



Product Details

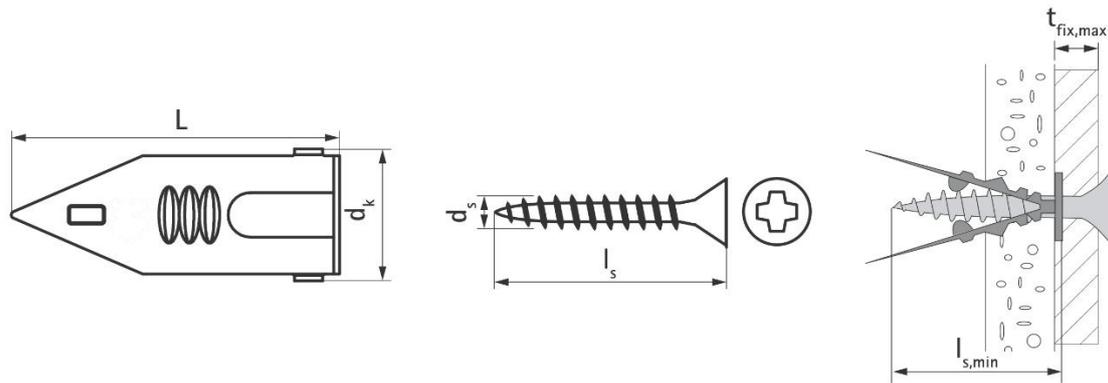
Article	Description	Collar diameter	Length	Screw
		d _k [mm]	L [mm]	[mm]
6110092	WPF 12x30	12	30	-
6110063	WPF 12x30	12	30	-
6110262	WPF 12x30/ screw 4.0x30	12	30	4.0x30
6110263	WPF 12x30/ screw 4.0x50	12	30	4.0x50
6110334	WPF 12x30/ screw 4.0x50	12	30	4.0x50

Product Details

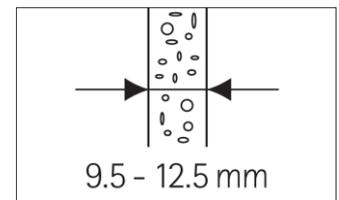
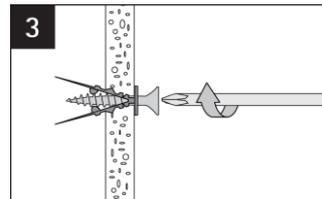
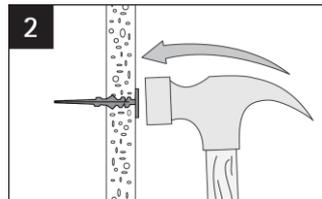
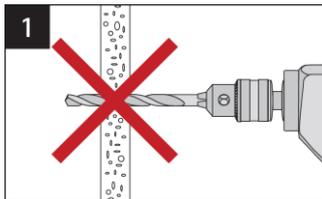
Article	Description	Pack 1			Pack 2		
		[type]	[pcs]	EAN13	[type]	[pcs]	EAN13
6110092	WPF 12x30	bulk	3000	8719942009584			-
6110063	WPF 12x30	box	200	8719942007597	box	4800	8719942009515
6110262	WPF 12x30/ screw 4.0x30	bag	200	8719942110617	box	4800	8719942110839
6110263	WPF 12x30/ screw 4.0x50	box	200	8719942007559	box	4800	8719942009508
6110334	WPF 12x30/ screw 4.0x50	bag	25	8719942007573	box	3750	8719942009560

Setting Details

Anchor Size			12x30	12x30/ screw 4.0x30	12x30/ screw 4.0x50
Length	L	[mm]	30	30	30
Collar diameter	d_k	[mm]	12	12	12
Screw length	l_s	[mm]	-	30	50
Screw diameter	d_s	[mm]	3.5 - 5.0	4.0	4.0
Min. screwing penetration	$l_{s,min}$	[mm]	27	27	27
Max. fixture thickness	$t_{fix,max}$	[mm]	based on screw length	3	23



Installation Instructions



Loading Data

Loading data is presented for single anchors installed in 12.5mm plasterboard with 4.0mm diameter wood screws and screw penetration of 27mm.

Characteristic loads

Anchor Size			12x30/ screw 4.0x30
Plasterboard, 12.5mm, Tension	N_{Rk}	[N]	204
Plasterboard, 12.5mm, Shear	V_{Rk}	[N]	549

Design loads

Anchor Size			12x30/ screw 4.0x30
Safety Factor for Tension / Shear	γ		2.0 / 1.5
Plasterboard, 12.5mm, Tension	N_{Rd}	[N]	102
Plasterboard, 12.5mm, Shear	V_{Rd}	[N]	366