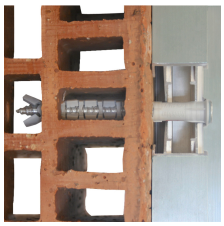
Technical Sheet

FM-X5
Long Plug for Window and Door Frames

The FM-X5 frame plug in Ø8 and Ø10 mm versions in combination with a countersunk or hexagon head screw is approved for multiple fixings in concrete and masonry.









Features

Material

- Plug: nylon
- Screw: white zinc plated steel

Benefits

- Multi-expansion variable geometry
- Low tightening torque
- Ultra flexible nylon

Applications

Applications

- Framework
- Wall cabinets
- Light carpentry

Suitable for

- Non-cracked concrete
- Solid brick
- Honeycomb brick
- Cell like clay brick
- Lightweight honeycomb brick
- Hollow dense aggregate block
- Hollow light aggregate block
- Aerated concrete
- Solid stone

Technical Sheet

FM-X5
Long Plug for Window and Door Frames

Technical Data



Product Dimension - Countersunk Screw

Reference	Nylon fixings dimensions							Nylon fixings Installation data				
	Info product							Installation data				
	Product Reference	Max fixture thickness[mm]	Screw diameter [d][mm]	Screw length [Lv] [mm]	Bit	Qty per box[pcs]	Qty per outer box[mm]	Hole diameter x anchor length [d_oxL][mm]	Min. drill depth[mm]	Nominal embedment depth [h_{nom}][mm]	Min. support thickness* [h_{min}] [mm]	Ø drilling fixture[mm]
64301B0808000	FM-X5	10	6	85	T30	100.0	1000.0	Ø8x80	80	70	120	8.5
64301B0810000	FM-X5	30	6	105	T30	50.0	500.0	Ø8x100	80	70	120	8.5
64301B0812000	FM-X5	50	6	125	T30	50.0	500.0	Ø8x120	80	70	120	8.5
64301B0817000	FM-X5	100	6	175	T30	50.0	-	Ø8x170	80	70	120	8.5
64301B1011500	FM-X5	45	7	120	T40	50.0	500.0	Ø10x115	80	70	120	10.5
64301B1013500	FM-X5	65	7	140	T40	50.0	200.0	Ø10x135	80	70	120	10.5
64301B1016000	FM-X5	90	7	165	T40	50.0	-	Ø10x160	80	70	120	10.5

* Including plaster



Product Dimension - Hex Head Screw

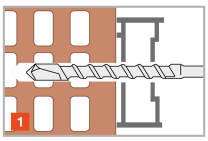
Product Dimension - Hex Head Screw
See full table online ➡️

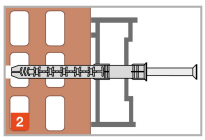
Design capacities - single anchor - no edge distances

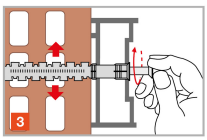
Design capacities - single anchor - no edge distances
See full table online ➡️

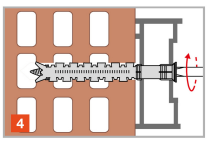
FM-X5
Long Plug for Window and Door Frames

Installation









Spacings and edge distances

Reference	Nylon fixings dimensions		Nylon fixings Installation data						
	Info product		Installation data						
	Product Reference	Wrench size[mm]	Hole diameter x anchor length [d_oxL] [mm]	Ø drilling hole[mm]	Min. drill depth[mm]	Ø drilling fixture[mm]	Spacings and edge distances	Minimun thickness of support[mm]	Min. edge distance[k
64301B0808000	FM-X5	-	Ø8x80	8	80	8.5	100	250	200
64301B0810000	FM-X5	-	Ø8x100	8	80	8.5	100	250	200
64301B0812000	FM-X5	-	Ø8x120	8	80	8.5	100	250	200
64301B0817000	FM-X5	-	Ø8x170	8	80	8.5	100	250	200
64301B1011500	FM-X5	-	Ø10x115	10	80	10.5	120	250	200
64301B1013500	FM-X5	-	Ø10x135	10	80	10.5	120	250	200
64301B1016000	FM-X5	-	Ø10x160	10	80	10.5	120	250	200

Spacings and edge distances
See full table online ➡️

Installation data

Reference	Nylon fixings dimensions		Nylon fixings Installation data			
	Info product		Installation data			
	Product Reference	Wrench size[mm]	Hole diameter x anchor length [d_oxL] [mm]	Ø drilling hole[mm]	Min. drill depth[mm]	Ø drilling fixture[mm]
64301B0808000	FM-X5	-	Ø8x80	8	80	8.5
64301B0810000	FM-X5	-	Ø8x100	8	80	8.5
64301B0812000	FM-X5	-	Ø8x120	8	80	8.5
64301B0817000	FM-X5	-	Ø8x170	8	80	8.5
64301B1011500	FM-X5	-	Ø10x115	10	80	10.5
64301B1013500	FM-X5	-	Ø10x135	10	80	10.5
64301B1016000	FM-X5	-	Ø10x160	10	80	10.5

Winchester Road Cardinal Point Tamworth
Staffordshire B78 3HG
tel: +44 1827 255600
fax: +44 1827 255616

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