Vorpa **VPI**

Hammer-in nylon fixing

concrete | natural stone | solid brick

products group

VPI

Suitable for
- non cracked concrete
- natural stone
- solid brick

To fix
- door frames/windows frames
- counter frames
- wood substructures
- profiles, skirtings
- electrical installations
- wall connection or plaster profiles
- slides, sheets
- cable and pipe clamps
- punched tapes

product information

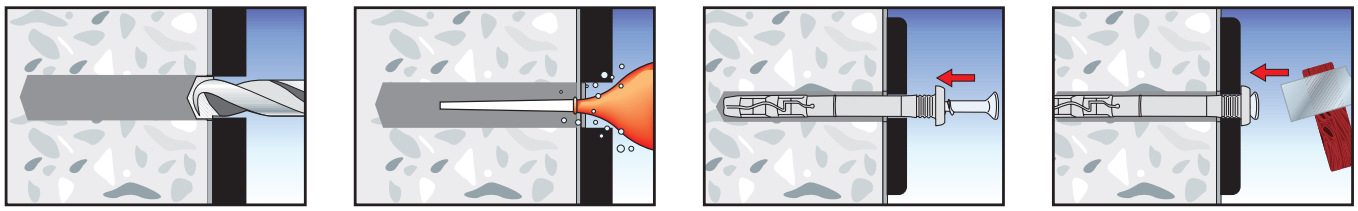
Characteristics
- integrated hammer-in nylon plug for push-through installation
- easy fast and economical fixing
- suitable for substructures made of wood and metal
- ideal for an economic series installation
- the hammer in plug structure prevents the plug from expanding prematurely
- the thread of the nail screw allows the screw to be removed
- when hammered in, the nail screw causes the plug to expand in two directions

Installation
- through setting anchor

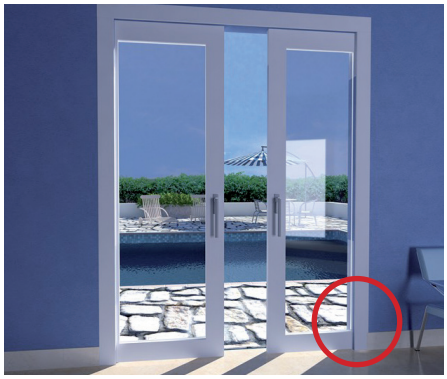
Suggestion for use
- always consider an appropriate safety factor
- check load bearing capacity values
- respect the installation data
- clean the hole before the installation

installation sequence

Clean the hole before the installation



Examples of applications



Revision 07-2020

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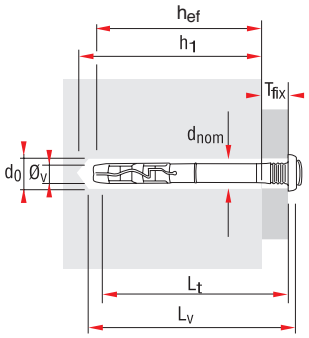
product code and technical data

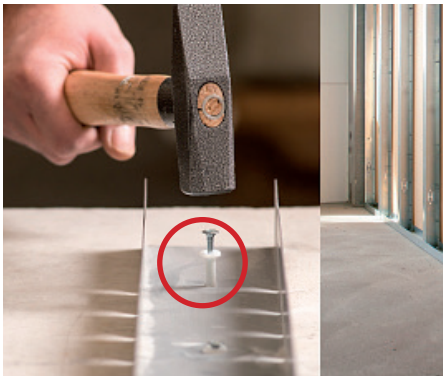
VPI

Code	Description	d_{nom} x L_t mm	h_1 mm	T_{fix} mm	d_o mm
2689	VPI 5/25	5 x 25	35	3	5
2690N	VPI 5/30	5 x 30	40	5	5
2626	VPI 5/50	5 x 50	60	20	5
2663	VPI 6/50	6 x 50	60	20	6
2691N	VPI 6/60	6 x 60	70	30	6
2664	VPI 6/80	6 x 80	90	50	6
2665	VPI 8/50	8 x 50	60	10	8
2692	VPI 8/60	8 x 60	70	20	8
2693	VPI 8/70	8 x 70	80	30	8
2628	VPI 8/80	8 x 80	90	40	8
2694	VPI 8/100	8 x 100	110	60	8
2698	VPI 8/120	8 x 120	130	80	8
2699N	VPI 8/140	8 x 140	150	100	8



L_t = Plug length
h_1 = Min. hole depth
d_o = Hole diameter
T_{fix} = Fixture thickness
d_{nom} = Plug diameter

Examples of applications



ATTENTION: An appropriate safety factor ≥ 5 should be applied on these values on solid brick

VPI

Substrate materials	VPI 5	VPI 6	VPI 8	
Pull out values in daN				1 daN≃1 kg
Concrete C20/25	90	140	180	
Solid brick	80	110	150	

Revision 07-2020