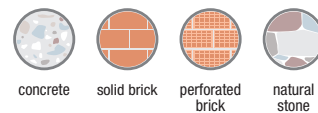


Vorpa VN P

Steel anchor for scaffolds standing on the ground



products group



VN P
eyebolt Ø23

Suitable for

- concrete
- solid brick
- perforated brick
- natural stone

To fix

- scaffolding standing on the ground
- tensioning ropes
- chains



VN PX
eyebolt Ø50



Test report available

scaffolding anchors

product information

Characteristics

- galvanized steel welded eyebolt to be used with nylon plugs
- suitable for scaffolds standing on the ground
- the eyebolt can be used several times thanks to the anchor spare part
- high load-bearing capacity is achieved by using it with the proper nylon fixing
- the anchor grants safe and easy applications thanks to mark on the eyebolt stem enabling a right embedment depth during the anchoring

Installation

- to be mounted aligned the wall

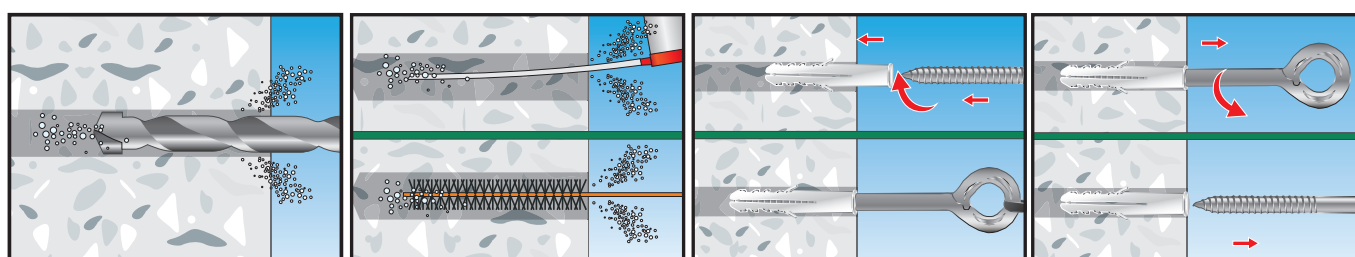
Suggestion for use

- make sure the scaffold and eyebolt are well positioned each other
- apply a proper safety factor according to the each situation
- always check load bearing capacity values in the table
- respect the installation data
- **clean the hole before the installation**

installation sequence

1) installation procedure

2) to re-use the eyebolt

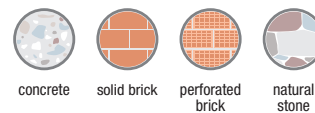


Examples of applications



Vorpa VN P

Steel anchor for scaffolds standing on the ground



product code and technical data



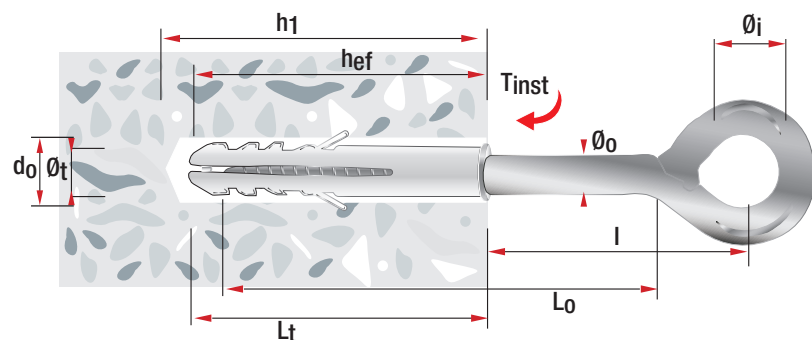
VN P
eyebolt Ø23



VN PX
eyebolt Ø50

Code	Description	d _o mm	h ₁ mm	hef mm	Ø _o xL _o mm	l mm	Ø _t xL _t mm	Ø _i mm	T _{inst} mm
836	VN P 12/120	14	115	100	12x120	50	14x100	23	19
2837	VN P 12/160	14	115	100	12x160	90	14x100	23	19
2838	VN P 12/190	14	115	100	12x190	120	14x100	23	19
2834	VN P 12/230	14	115	100	12x230	160	14x100	23	19
2835	VN P 12/300	14	115	100	12x300	230	14x100	23	19
2836	VN P 12/350	14	115	100	12x350	280	14x100	23	19
2854	VN P 12/400	14	115	100	12x400	330	14x100	23	19
2855	VN P 12/450	14	115	100	12x450	380	14x100	23	19
2856	VN P 12/500	14	115	100	12x500	430	14x100	23	19

Code	Description	d _o mm	h ₁ mm	hef mm	Ø _o xL _o mm	l mm	Ø _t xL _t mm	Ø _i mm	T _{inst} mm
3836	VN PX 12/120	14	115	100	12x120	60	14x100	50	19
3837	VN PX 12/160	14	115	100	12x160	100	14x100	50	19
3838	VN PX 12/190	14	115	100	12x190	130	14x100	50	19
3839	VN PX 12/230	14	115	100	12x230	170	14x100	50	19
3840	VN PX 12/300	14	115	100	12x300	240	14x100	50	19



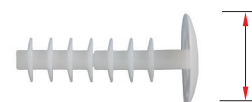
- d_o = Hole diameter (use with nylon plug VN)
- h₁ = Min. hole depth
- hef = Min. anchorage depth
- Ø_o = Eyebolt diameter
- L_o = Eyebolt length
- Ø_t = Anchor diameter
- L_t = Anchor length
- Ø_i = Internal eyebolt diameter
- l = Axial spacing
- T_{inst} = Torque

Code	Description	d _o mm	Length mm	C mm
635R	VN 14/75	14	75	
820	VN 14/100	14	100	
2840	CFP calotta copriforo 12/14	12/14	37	26

Accessories



code 820 - 635R



code 2840

VN P - VN PX

Pull-out values in daN for applications on concrete C20/25 using a nylon plug VN 14/100

1 daN = 1 kg

1.300

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

- As for applications on natural stones and solid bricks it is not possible to show specific loading values because of the various materials properties
- It is suggested to always make pull out tests before using the anchors
- For any particular need please contact Vorpa technical department