

R-HRK Scaffolding plug

Easy-to-install plug giving exceptional performance in solid base materials



Product information

Features and benefits

- Anti-rotation fins prevent spinning during tightening of the screw.
- Engineered grip feature for extra holding power.
- Two-way expansion mechanism provides a strong anchorage in solid base materials.

Applications

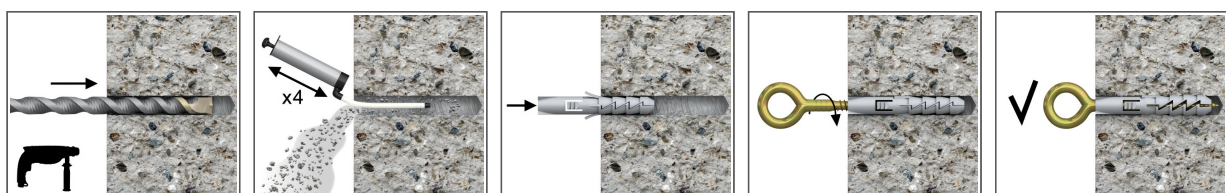
- Scaffolding

Base materials

Suitable for use in

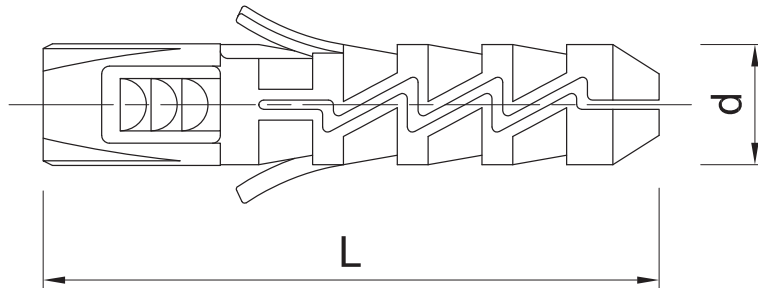
- Concrete
- Solid Brick
- Natural Stone (after site testing)
- Solid Sand-lime Brick
- Vertically-perforated Clay Block

Installation guide



1. Drill a hole of required diameter and depth
2. Insert R-HRK plug into hole and tap home.
3. Insert R-HR screw into plug and tighten.

Product information



Size	Product Code	Diameter	Length
		d	L
		[mm]	
Ø14	R-HRK-14070	14	70
	R-HRK-14100	14	100
	R-HRK-14135	14	135

Installation data

Size			Ø14
Hole diameter in substrate	d_o	[mm]	14
Min. hole depth in substrate	h_o	[mm]	80
Min. installation depth	h_{nom}	[mm]	70
Min. substrate thickness	h_{min}	[mm]	100
Min. spacing	s_{min}	[mm]	70
Min. edge distance	c_{min}	[mm]	70
Fixing diameter	d	[mm]	14
Screw diameter	d	[mm]	12

Basic performance data

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

Substrate		Concrete C20/25 - C50/60	Solid brick 15MPa	Perforated brick (eg. PoroTherm) 400	Aerated concrete 600 Mark V
CHARACTERISTIC LOAD F_{Rk}					
Ø14, Embedment depth 70mm	[kN]	16.20	10.30	1.00	4.00
DESIGN LOAD F_{Rd}					
Ø14, Embedment depth 70mm	[kN]	8.10	5.15	0.50	2.00
RECOMMENDED LOAD F_{rec}					
Ø14, Embedment depth 70mm	[kN]	5.79	3.68	0.36	1.43

Product commercial data

Size	Product Code	Diameter [mm]	Length [mm]	Quantity [pcs]			Weight [kg]			Bar Codes
				Box	Outer	Pallet	Box	Outer	Pallet	
Ø14	R-HRK-14070	14	70	25	400	9600	0.18	2.9	98.4	5906675238968
	R-HRK-14100	14	100	25	400	9600	0.23	3.6	116.4	5906675238975
	R-HRK-14135	14	135	25	300	7200	0.26	3.1	104.9	5906675238982