

R-HR Scaffolding hook

The ideal interaction of the scaffold eyebolt and R-HRK plug allows for a high load-bearing capacity, thus providing increased safety.



Product information

Features and benefits

- The high-quality weld stops the eye from opening.
- In order to achieve the maximum load-bearing capacity, nylon plugs should only be used once.

Applications

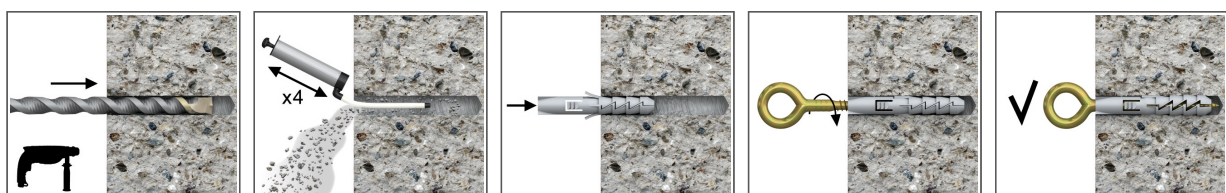
- Scaffolding

Base materials

Suitable for use in

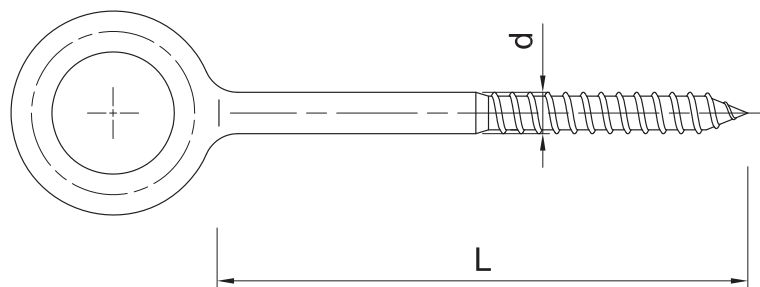
- Concrete
- Solid Brick
- Natural Stone (after site testing)
- Solid Sand-lime Brick
- Vertically-perforated Clay Block

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-HR-12120	12		120	
	R-HR-12160	12		160	
	R-HR-12190	12		190	
	R-HR-12230	12		230	
	R-HR-12300	12		300	
	R-HR-12350	12		350	

Installation data

Size	Ø14		
Hole diameter in substrate	d_0	[mm]	14
Min. hole depth in substrate	h_0	[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-HR-12120	12	120	25	25	5600	3.2	3.2	752.4	5906675169361
	R-HR-12160	12	160	25	25	2300	5.3	5.3	513.0	5906675169385
	R-HR-12190	12	190	25	25	4200	5.9	5.9	1017.0	5906675262352
	R-HR-12230	12	230	25	25	2800	0.08	0.08	38.8	5906675169408
	R-HR-12300	12	300	25	25	2800	8.4	8.4	970.8	5906675262369
	R-HR-12350	12	350	25	25	800	9.6	9.6	336.4	5906675169422