

Nail sleeve UNH

Time-saving spring toggle sleeve for quick installation.

Long Description

The Upat nail sleeve UNH is a user-friendly expansion sleeve for light-duty fastenings. Made of corrosion-coated spring steel, the UNH is quickly driven into solid building materials through its geometry, saving time in through-hole installations. Its simple installation requires neither plugs nor screws. This makes it easy and cost-effective to attach wooden and metal substructures as well as metal profiles in solid building materials, both indoors and temporarily outdoors.

Characteristics

- Building material: Concrete, solid construction
- Load range: Tensile load 0.5-0.7 kN, shear load 1.4-2 kN
- Material: Corrosion-coated spring steel
- Feature: Drill diameter 6/8mm, Anchor length 60-110mm, Effective length 30-70mm

Applications

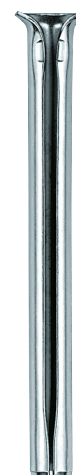
- Wooden substructures
- Lighting strips
- Speakers
- Metal brackets

Advantages

- Easy installation: The one-piece nail sleeve requires no additional screws or plugs
- Time-saving assembly: The nail sleeve can be set directly through the fixture in through-hole installation
- Flexible application range: Due to the corrosion-coated spring steel, it can be used indoors and temporarily outdoors
- Secure grip: Through the tensioning of the entire sleeve length in solid building material

Materials

- Concrete
- Calcium silicate solid bricks
- Natural stone with dense structure
- Solid bricks



Straight to the product



upat.com/en-unh

Application examples



Assembly



Product variants

Product	Art-No.	Drill diameter	Anchor length	Effect. anchorage depth	Max. fixture thickness	Min. drill hole depth for through fixings	Sales unit
UNH 6x60	542583	6	60	30	30	70	100
UNH 6x80	542584	6	80	30	50	90	100
UNH 8x70	547150	8	70	40	30	80	100
UNH 8x90	542585	8	90	40	50	100	50
UNH 8x110	542586	8	110	40	70	120	50

Load table

Recommended loads¹⁾ of a single anchor as part of a multiple fixing of non-structural systems

Type	Anchorage in concrete $\geq C20/25$		
	Minimum member thickness [mm]	Recommended tension load N_{rec} [kN]	Recommended shear load V_{rec} [kN]
UNH 6	60	0.5	1.4
UNH 8	70	0.7	2

¹⁾ Required safety factors are considered.