

Scaffold sleeve UGH

Expansion plug with long shaft for scaffold fixings.

Long Description

The Upat scaffold sleeve UGH is an expansion plug with a long shaft designed for heavy loads. This high-quality nylon plug is ideal for fastenings in concrete and solid masonry and achieves high holding values when used with the UGS eye screw. Its slim expansion geometry allows for mounting close to the edge, ensuring a secure grip in scaffolding applications.

Characteristics

- Building Material: Concrete, solid construction
- Load Range: Tension load, shear load, and oblique load 0.4-1.8kN
- Material: Nylon
- Feature: Drill diameter 14mm, anchor length 70-135mm

Applications

- Scaffolding anchorage

Materials

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

Advantages

- Near-edge fastening: Dual expansion allows for targeted force introduction parallel to the edge of the building material
- Secure hold: The scaffold sleeve with a long shaft bridges plaster and insulation layers and provides a secure hold in the load-bearing substrate – DIN 4420-1
- Coordinated system: Optimally coordinated system with high holding values, through the combination with the eye screw UGS. Ideal for scaffold anchoring
- Safe application: The expansion wings of the scaffold sleeve prevent rotation in the drill hole



Straight to the product

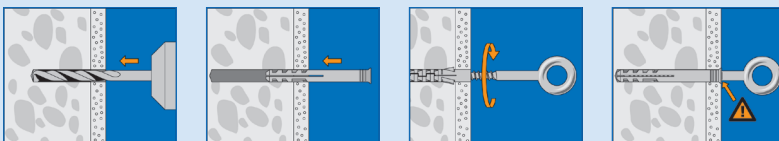


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Application examples



Assembly



Product variants

Product	Art-No.	Drill diameter	Anchor length	Min. drill hole depth for through fixings	Min. effect. anchorage depth	Sales unit
UGH 14/70	542568	14	70	80	70	25
UGH 14/100	542569	14	100	110	70	25
UGH 14/135	542570	14	135	145	70	25

Load table

Highest recommended loads¹⁾²⁾ of a single plug.

Type	Concrete ≥ C20/25 N _{rec} ³⁾ [kN]	Solid brick ≥ Mz12 N _{rec} ³⁾ [kN]	Calcium silicate solid brick ≥ KS12 N _{rec} ³⁾ [kN]	Solid stone from lightweight concrete ≥ V2 N _{rec} ³⁾ [kN]	Calcium silicate hollow brick ≥ KSL12 N _{rec} ³⁾ [kN]	Perforated brick ≥ Hlz12 N _{rec} ³⁾ [kN]	Aerated concrete ≥ PB4/PP4 N _{rec} ³⁾ [kN]
UGS 12 + UGH 14	1.8	1.3	1.8	1.3	0.4	0.4	0.4

¹⁾ Safety factor requirement considered.

²⁾ Load values apply when using the scaffold screw UGS with the specified Upat anchor.

³⁾ Valid for tension loads.