

Hollow wall anchor UH/UHZ

Robust hollow wall plug made of metal with metric internal thread and screw for multiple loosening and fastening of the attachment. 1

Long Description

The Upat hollow wall anchor UH, with its metric internal thread and screw, is an ideal solution for multiple uses in all panel construction materials. When mounted with the Upat hollow cavity pliers UHZ, the hollow wall anchor expands in the cavity and presses tightly against the back of the panel. The Upat hollow wall metal anchor UH is commonly used for fastening lightweight wall shelves or lights.

Characteristics

- Building material: Panel construction
- Load range: Tension load, shear load, and oblique load 0.05-0.5kN
- Material: Zinc plated steel (zp)
- Variant: Screw (S), hook (H)
- Feature: Thread M4-M8, anchor length 32-65mm
- Accessory: Setting tool UHZ

Applications

- Wall lights
- Wall shelves
- Curtain rods
- Wall cabinets

Materials

- Wood wool lightweight panels
- Hollow decks
- Plywood panels
- Chipboard panels
- Gypsum plasterboards and gypsum fiberboards

Advantages

- Flexible mounting: Screws can be flexibly mounted and flush dismantled using the metric internal thread
- High load capacity: The four-fold expansion in the cavity achieves high load-bearing capacities in panel building materials or cavities
- Versatile use: The cavity anchor can be used versatilely with the supplied pan head or angle screw
- Optimized installation: Ideal for pre-installation. The installation pliers UHZ enable quick and efficient installation
- Safe application: The metal claws on the anchor's edge prevent the cavity anchor from rotating in the drill hole

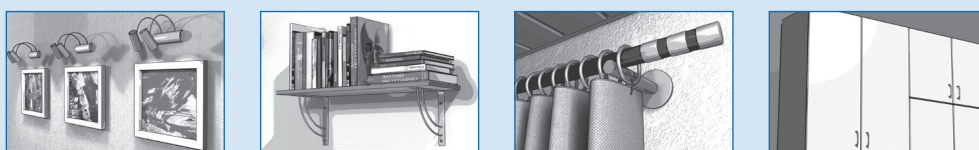


Straight to the product

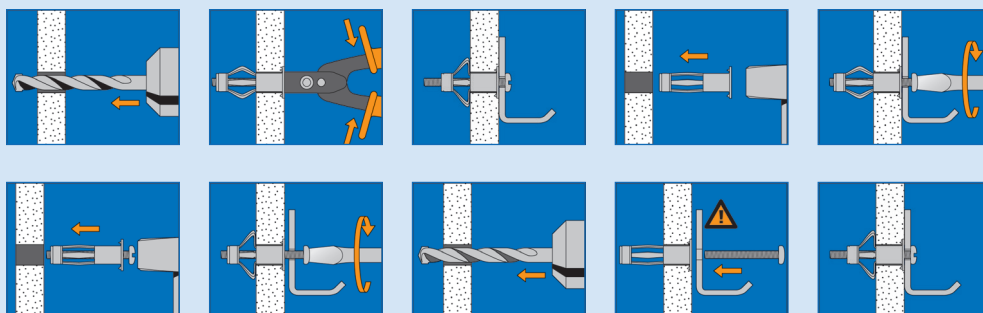


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Application examples



Assembly



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Product variants

Product	Art.No.	Drive	Drill diameter	Anchor length	Min. drill hole depth	Panel thickness	Screw dimension	Sales unit	Content
UH 4x32 H	542945	—	8	32	45	3 - 13	—	50	50 x hollow wall anchor, 50 x hooks
UH 4x32 S	542785	PH2	8	32	40	3 - 13	M4x40	50	50 x hollow wall anchor, 50 x screws
UH 4x45 S	542786	PH2	8	45	52	16 - 23	M4x52	50	50 x hollow wall anchor, 50 x screws
UH 5x37 S	542787	PH2	10	37	45	6 - 15	M5x45	50	50 x hollow wall anchor, 50 x screws
UH 5x52 S	542788	PH2	10	52	58	7 - 21	M5x58	50	50 x hollow wall anchor, 50 x screws
UH 5x65 H	542946	—	10	65	71	20 - 34	—	50	50 x hollow wall anchor, 50 x hooks
UH 5x65 S	542789	PH2	10	65	71	20 - 34	M5x71	50	50 x hollow wall anchor, 50 x screws
UH 6x37 S	542790	PH3	12	37	45	6 - 15	M6x45	50	50 x hollow wall anchor, 50 x screws
UH 6x52 S	542791	PH3	12	52	58	7 - 21	M6x58	50	50 x hollow wall anchor, 50 x screws
UH 6x65 S	542792	PH3	12	65	71	17 - 34	M6x71	50	50 x hollow wall anchor, 50 x screws
UH 8x54 S	542944	SW 13	12	54	60	7 - 21	M8x60	50	50 x hollow wall anchor, 50 x screws
UHZ	542793	—	—	—	—	—	—	1	1 x setting tool

Load table

Highest recommended loads¹⁾²⁾ of a single plug.

Type	Thread size [M]	Gypsum plasterboard 9,5 mm $F_{rec}^{2)}$ [kN]	Gypsum plasterboard 12,5 mm $F_{rec}^{2)}$ [kN]	Gypsum plasterboard 19 mm (2x9,5 mm) $F_{rec}^{2)}$ [kN]	Gypsum plasterboard 15 mm (2x12,5 mm) $F_{rec}^{2)}$ [kN]	Chipboard 10 mm $F_{rec}^{2)}$ [kN]	Chipboard 13 mm $F_{rec}^{2)}$ [kN]	Chipboard 28 mm $F_{rec}^{2)}$ [kN]
UH 4x32 S	M4	0.15	0.2	-	-	0.25	0.25	-
UH 4x45 S	M4	0.15	0.2	-	-	0.25	0.25	-
UH 5x37 S	M5	0.15	0.2	-	-	0.25	0.25	-
UH 5x52 S	M5	0.15	0.2	0.25	-	0.25	0.25	-
UH 5x65 S	M5	-	-	-	0.3	-	-	0.5
UH 6x37 S	M6	0.15	0.2	-	-	0.25	0.25	-
UH 6x52 S	M6	-	0.2	0.25	-	0.25	0.25	-
UH 6x65 S	M6	-	-	-	0.3	-	-	0.5
UH 8x54 S	M8	-	0.2	0.25	-	0.25	0.25	-

Load table

Type	Thread size [M]	Plywood 4 mm $F_{rec}^{2)}$ [kN]	Hardboard 3 mm $F_{rec}^{2)}$ [kN]	Wood wool slab 16 mm $F_{rec}^{2)}$ [kN]	Wood wool slab 25 mm $F_{rec}^{2)}$ [kN]	Fibre cement board 8 mm $F_{rec}^{2)}$ [kN]	Gypsum fibreboard 10 mm $F_{rec}^{2)}$ [kN]	Gypsum fibreboard 15 mm $F_{rec}^{2)}$ [kN]
UH 4x32 S	M4	0.1	0.1	-	-	0.25	0.25	-
UH 4x45 S	M4	-	-	0.05	-	0.25	0.25	0.25
UH 5x37 S	M5	-	-	-	-	0.25	0.25	0.25
UH 5x52 S	M5	-	-	0.05	-	0.25	0.25	0.25
UH 5x65 S	M5	-	-	-	0.05	-	-	-
UH 6x37 S	M6	-	-	-	-	0.25	0.25	0.25
UH 6x52 S	M6	-	-	0.05	-	-	0.25	0.25
UH 6x65 S	M6	-	-	-	0.05	-	-	-
UH 8x54 S	M8	-	-	0.05	-	-	0.25	0.25

¹⁾ Required safety factors are considered.

²⁾ Valid for tensile load, shear load and oblique load under any angle.