

Nail plug UN

Impact-resistant hammer-in anchor for quick installation.

Long Description

The quick-impact dowel for fast installation. Suitable for concrete and solid building materials. For light loads. Available product variants: flat head (F) and countersunk head (S). Selectable product features: drill diameter 5–8 mm, dowel length 30–120 mm and effective length 5–80 mm. Set in through-hole installation. Features Upat nylon quality, quick installation and safe use. Used, for example, for fastening wooden substructures, cable ducts and letterboxes.

Characteristics

- Building material: Concrete, solid construction
- Load range: Tension load, shear load, and oblique load 0.16-0.27kN
- Material of anchor: Nylon
- Material of nail screw: Zinc plated steel (zp)
- Variant: Countersunk head (S), flat head (F)
- Feature: Drill diameter 5-8mm, anchor length 30-120mm, usable length 5-80mm

Applications

- Wooden substructures
- Cable channels
- Mailbox
- Wall light

Advantages

- Upat nylon quality: Robust - durable - recyclable
- Quick installation: Tapered nail anchor shaft, serrated thread, and pre-assembled nail screw enable efficient processing
- Secure application: Impact lock, reinforced rim, and compensating ribs ensure safe use of the nail anchor
- Easy adjustment: Cross-slotted drive nail screw for adjusting and dismantling the component
- Firm grip: The precisely matched expansion zone provides high expansion and firm grip

Materials

- Concrete
- Calcium silicate solid bricks
- Clay bricks
- Natural stone
- Lightweight concrete solid bricks
- Aerated concrete
- Full gypsum boards
- Perforated bricks
- Calcium silicate perforated bricks
- Lightweight concrete hollow blocks

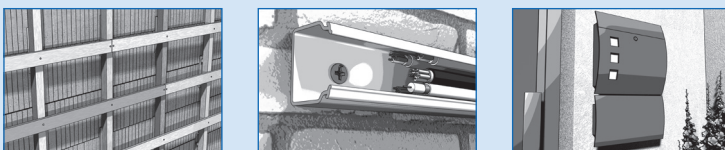


Straight to the product

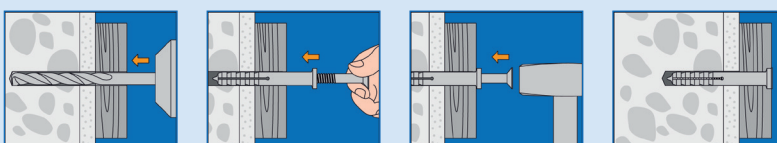


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Application examples



Assembly



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Product variants

Product	Art.-No.	Drive	Drill diameter	Anchor length	Max. fixture thickness	Min. drill hole depth	Min. effect. anchorage depth	Sales unit
UN 5x30/5 F	518868	PZ2	5	30	5	55	25	200
UN 5x40/15 F	518869	PZ2	5	40	15	65	25	200
UN 5x50/25 F	518870	PZ2	5	50	25	65	25	200
UN 6x40/10 F	518874	PZ2	6	40	10	75	30	100
UN 6x60/30 F	518875	PZ2	6	60	30	95	30	100
UN 6x80/50 F	518876	PZ2	6	80	50	95	30	100
UN 8x60/20 F	518881	PZ3	8	60	20	115	40	100
UN 8x80/40 F	518882	PZ3	8	80	40	115	40	100
UN 8x100/60 F	518883	—	8	100	60	135	40	100
UN 8x120/80 F	518884	—	8	120	80	135	40	100
UN 5x30/5 S	518865	PZ2	5	30	5	45	25	200
UN 5x40/15 S	518866	PZ2	5	40	15	45	25	200
UN 5x50/25 S	518867	PZ2	5	50	25	55	25	200
UN 6x40/10 S	518871	PZ2	6	40	10	55	30	100
UN 6x60/30 S	518872	PZ2	6	60	30	55	30	100
UN 6x80/50 S	518873	—	6	80	50	75	30	100
UN 8x60/20 S	518877	PZ3	8	60	20	75	40	100
UN 8x80/40 S	518878	PZ3	8	80	40	75	40	100
UN 8x100/60 S	518879	PZ3	8	100	60	95	40	100
UN 8x120/80 S	518880	PZ3	8	120	80	95	40	100

Flat head (F): For fastening thin materials and impact resistance

Countersunk head (S): For a visually appealing and flush fastening

Load table

Highest recommended loads¹⁾²⁾ of a single anchor.

Type	Diameter nail screw $F_{rec}^{3)}$ [mm]	Concrete ≥ C20/25 $F_{rec}^{3)}$ [kN]	Solid brick ≥ Mz 12 $F_{rec}^{3)}$ [kN]	Solid sand-lime brick ≥ KS 12 $F_{rec}^{3)}$ [kN]	Solid lightweight concrete block ≥ V4 $F_{rec}^{3)}$ [kN]	Aerated concrete ≥ AAC 2 (G2) $F_{rec}^{3)}$ [kN]	Aerated concrete ≥ AAC 4 (G4) $F_{rec}^{3)}$ [kN]
UN 5	3.5	0.16	0.1	0.1	0.05	0.03	0.1
UN 6	4	0.2	0.17	0.17	0.11	0.04	0.09
UN 8	5	0.27	0.24	0.25	0.13	0.1	0.11

¹⁾ Safety factor requirement considered.

²⁾ Load values apply to the largest screw diameter.

³⁾ Valid for tension, shear, and oblique loads at any angle.