

Nail anchor FNA II with thread



Usage

For fixing of:

- Battens
- Metal profiles
- Wire and nonious hangers
- Chains
- Punched tapes
- Fire partitions
- Fire protection boards
- Ventilation systems
- Substructures made of wood and metal
- Ceilings
- Metal clamps
- Plasterboards

Also suitable for:

- Concrete B 15
- Natural stone with dense structure
- Solid sand-lime brick
- restressed hollow-core concrete slabs

Description

The FNA II nail anchor combines the advantages of the active principle of a bolt anchor with those of the simple hammer-set installation, no tightening torque for expansion of the anchor.

- The installed FNA II nail anchor expands automatically under load, pulls the cone into the expansion clip and expands against the hole wall.

- The FNA II is approved for redundant multiple fastening, also in the tensile load zone.
- The FNA II is used to attach suspended ceilings, pipelines, cable ducts, wall panels, windows, fire protection boards, etc.

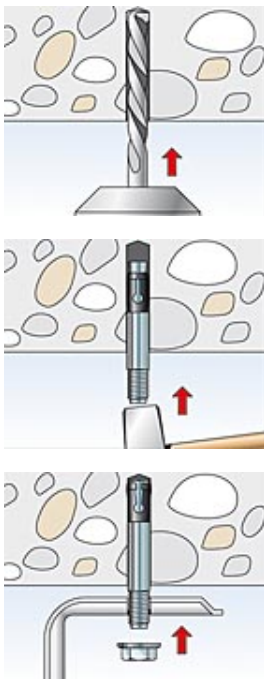
Advantages/benefits

- Very easy to set: Drill, hammer in - done!
- Little hammering force: 2-4 hammer blows and the FNA II is set.
- Smallest anchorage depth of only 25 mm reduces drilling time, saving time and reducing reinforcement hits.
- Highest tensile loads up to 1.6 kN permitted.
- Small axial spacings and edge distances for applications even with small component dimensions (e.g. narrow openings of only 10 cm).
- For component thicknesses from 8 cm.
- Test loadings no longer necessary!
- First ceiling anchor with European Technical Approval in low strength concrete C12/15 (B15).

Installation

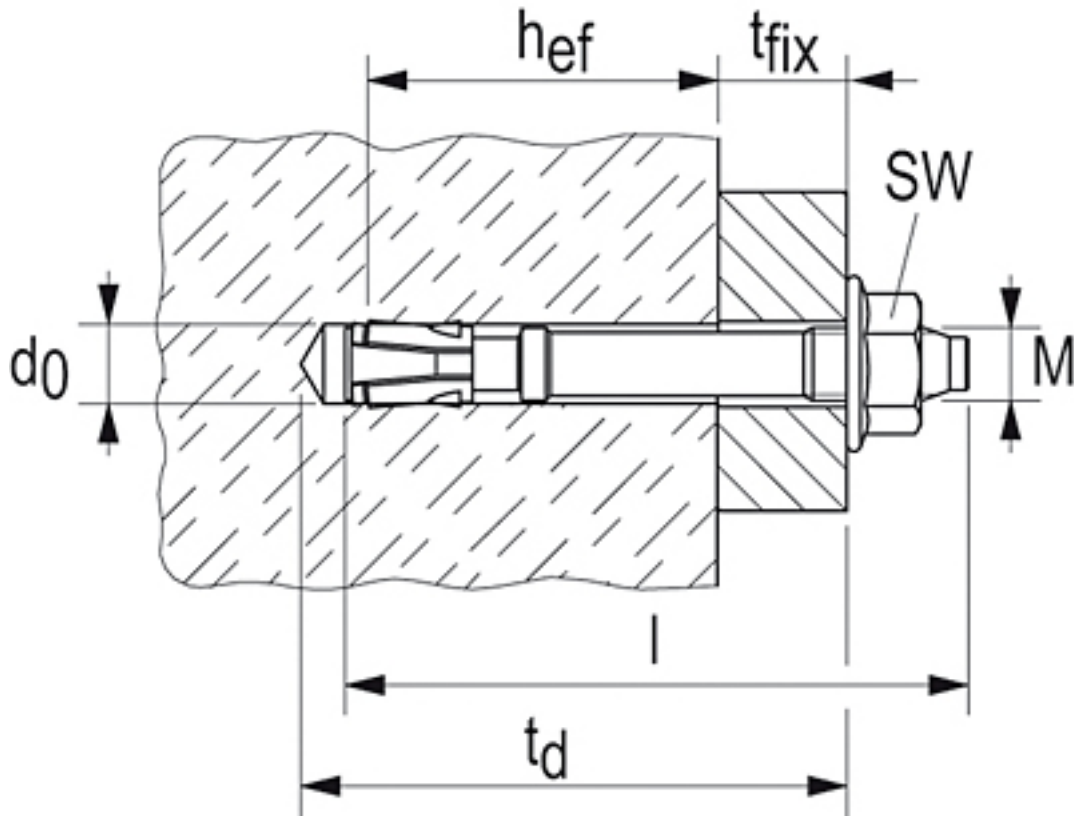
Installation

- Push-through installation
- Pre-positioned installation












Technical data






A4

Type	Art.-No.	<div style="display: flex; align-items: center; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #0056b3; margin-right: 5px;"></div> ETA <div style="width: 10px; height: 10px; background-color: #d9534f; margin-right: 5px; border: 1px solid #000;"></div> DIBt </div>	Drill diameter <div class="h6">d ₀ </div> > [mm]	Min. drill-hole depth for through fixings <div class="h6">h ₂ </div> > [mm]	Effect. anchoring depth <div class="h6">h _{ef} </div> > [mm]	Anchor length <div class="h6">l</div> > [mm]	Max. fixture thickness <div class="h6">t _{fix} </div> > [mm]	Thread [mm]	Width across nut <div class="h6">SW</div> > [mm]	Outer carton [pcs]
FNA II 6 x 30 M6/5 A4	044112	<div style="display: flex; align-items: center; gap: 5px;"> <div style="width: 10px; height: 10px; background-color: #0056b3; margin-right: 5px;"></div> </div>	6	45	30	50	5	-	10	50

galvanized

Type	Art.-No.	 ETA  DIBt	Drill diameter <div class="h6">d ₀ </div> > [mm]	Min. drill-hole depth for through fixings <div class="h6">h ₂ </div> > [mm]	Effect. anchoring depth <div class="h6">h _{ef} </div> > [mm]	Anchor length <div class="h6">l</div> > [mm]	Max. fixture thickness <div class="h6">t _{fix} </div> > [mm]	Thread [mm]	Width across nut <div class="h6">SW</div> > [mm]	Outer carton [pcs]
FNA II 6 x 25 M6/5	044111		6	40	25	45	5	-	10	100
FNA II 6 x 30 M6/5	044109		6	45	30	50	5	-	10	100
FNA II 6 x 30 M6/10	046022		6	45	30	55	10	-	10	100
FNA II 6 x 30 M6 x 41	044110		6	40	30	41	-	-	10	100
FNA II 6 x 30 M8/5	044114		6	45	30	51	5	-	13	50

highly corrosion-resistant

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FNA II 6 x 30 M6/5 C	044113		6	45	30	50	5	-	10	25