



Ceiling Anchor Nail

DESCRIPTION

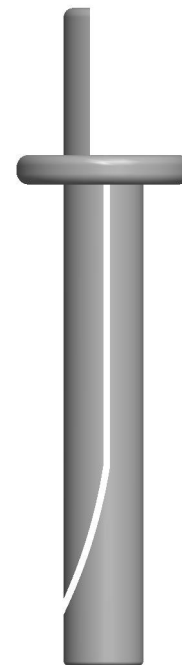
The ceiling nail is a push-through anchor made from zinc-plated steel, and set in the time-saving push-through installation and then hit with the hammer into the drill hole. The expansion wedge is then driven in flush to the nail head. This causes the ceiling anchor to expand against the hole wall. The ceiling nail is ideal for fixing wire and noxious hangers, air lines, and metal profiles.

TYPICAL APPLICATION

- ✓ Conduits
- ✓ Suspended Ceilings
- ✓ Wire hangers
- ✓ Ventilation systems
- ✓ Drywall track
- ✓ Electrical fixtures

FEATURES

- Simple and fast through-fastening
- The simple active principle allows for cost-efficient hammer set installation
- Impact expansion by hammering in, no setting tool is needed
- Suspensions from concrete ceilings with slit-steel straps, punched band, nonius system hangers or wood battens
- The two hit zones (first nail head, then expansion pin) ensure correct installation - especially in narrow drill holes - and also ensure high safety in use.



MATERIAL SPECIFICATION

Component	Standard	Mechanical Properties
Anchor shank	EN 10263	Carbon steel
Expansion pin	EN 10263-4	Carbon steel
Corrosion protection	EN ISO 4042	Zinc plating, Min.5 µm

ANCHOR SELECTION

Part No.	Size	Diameter (mm)	Length (mm)	Drill Dia (mm)	Box (pcs)
600206040	M6 × 40	5.8	40	6	100
600206070	M6 × 70	5.8	70	6	100

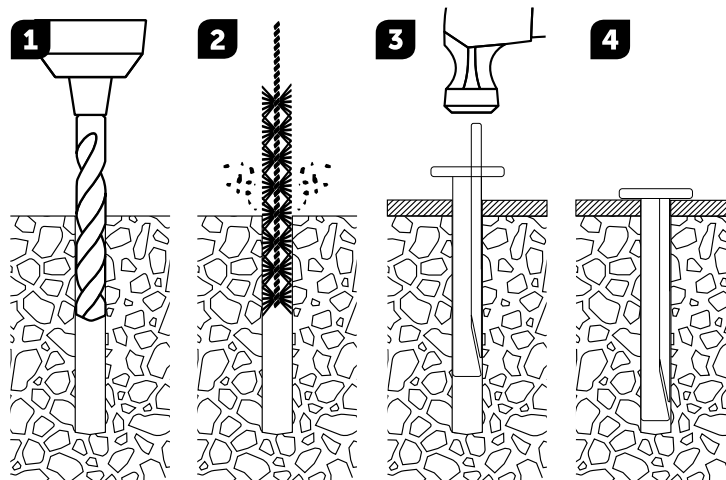
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INSTALLATION

Size	d (mm)	L (mm)	d _o (mm)	h ₁ (mm)	t _{fix} (mm)	h _{ef} (mm)
M6 × 40	5.8	40	6	40	5	32
M6 × 70	5.8	70	6	55	35	32

* d = Anchor diameter, L= Total length, d_o= Drill hole diameter, h₁= Min. Drill hole depth, t_{fix}= Fixture thickness, h_{ef}=Effective anchorage depth.



PERFORMANCE DATA

Anchor diameter (mm)	Embedment (mm)	Concrete C20/C25
		Tension Load (KN)
M6 × 40	19.1	1.2
M6 × 70	19.1	1.2