

Knauf Hammer Fixing



Product-Data-Sheet

09/2025

Product Description

Hammer Fixings are light duty fixings designed for secure fastening in drywall and ceiling applications. They feature a unique thread lock design that enhances grip. This ensures stability and prevents loosening over time.

Key Benefits

- Thread Lock Design prevents pre-expansion during transit installation.
- Provides an option for faster fixing without screwdriver work
- Suitable for perimeter fixings for both partitions and ceilings
- 8x45 mm is perfectly suitable with universal bracket in wall claddings.

Product Material

- PLUG: Polypropylene PP or Polyamide (Nylon) PA 6.6
- SCREW: electro zinc plated steel ~10 m

Applicable Substrates

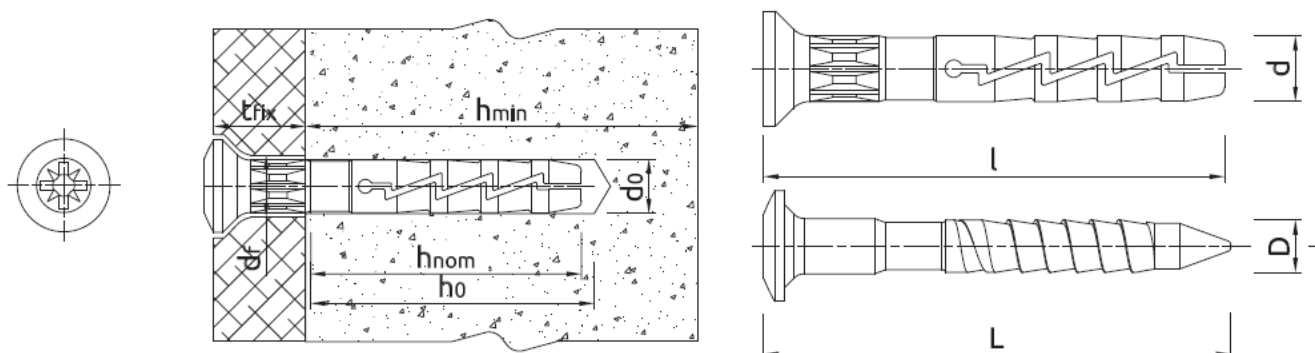
- Concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

Compliance Standards

- ETAG-004 and ETAG 017

Performance Information

Size	Plug		Nail		Fixture	
	Diameter (d) (mm)	Length (l)	Diameter (D)	Length (L)	Max. Thickness (t _{fix})	Hole Diameter (d _r)
ø6 x 40 mm	5.9	40	3.8	44	11	7
ø8 x 45 mm	7.9	45	4.8	51	5	9



Installation Data

Size	ø6		ø8	
Hole diameter in substrate	d ₀	mm	6	8
Min. hole depth in substrate	h ₀	mm	35	45
Min. installation depth	h _{nom}	mm	29	40

Basic Performance Data

Substrate	Concrete C12/15	Concrete C20/25 - C50/60	Solid brick	Sand-lime solid brick	Sand-lime hollow brick	Sand-lime hollow brick	Lightweight concrete block	Autoclaved aerated concrete
Design Load N_{Rd}								
Tension Load N_{Rd} [kN]								
ø6 Effective embedment depth 29mm	0.15	0.15	0.10	0.20	0.15	0.15	0.15	0.05
ø8 Effective embedment depth 40mm	0.25	0.25	0.25	0.20	-	0.15	0.25	0.05
Recommended Load N_{Rd}								
Tension Load N_{Rd} [kN]								
ø6 Effective embedment depth 29mm	0.11	0.11	0.07	0.14	0.11	0.11	0.11	0.04
ø8 Effective embedment depth 40mm	0.18	0.18	0.18	0.14	-	0.11	0.18	0.04

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Plant Address

Plot no - RY-PH02-M3-008
Raysut - WGS-84-Zone 39
Salalah Free Zone
Salalah, Dhofar, Oman



Observe safety data sheet!
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Hotline

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