HIT M Hammer-In Anchors

Hammer-In Anchors

A high quality, excellent performance lightweight anchor with ETA approval that is easy and quick to set.

Substrates

- Concrete
- Solid block stone
- Solid brick
- Aerated concrete
- Plasterboard-dry partition walls
- Hollow block wall
- Hollow brick
- Hollow floor beam

Product Advantages

- Easy to install through part to be fixed
- Expands by hammering or screwing (possible to be removed)
- Made in polyamide 6 (highly resistant nylon)
- Wide collar ensures tight fixing
- M slot and specific design improves the expansion in all kinds of materials, even in plasterboard.

Specification

HIT M is a hammer-in, polyamide lightweight anchor which is versatile to be used in various types of base material.

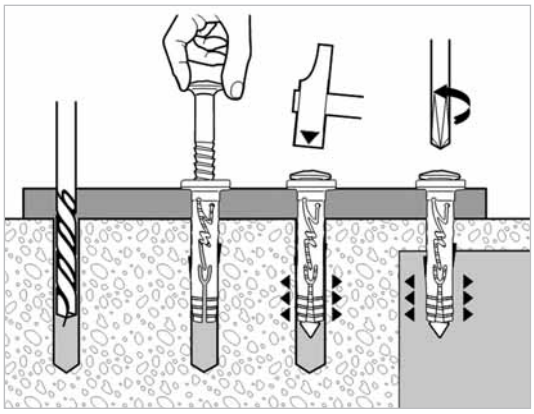
Approvals

ETA Option
no 06/0032

Typical Applications

- Substructure protections
- Façdade insulations
- Claddings
- Trunks & cable rails
- Doors & window frames
- Skirting
- Electrical shutter rails
- Roof flashings
- Water heaters collars

Installation



1. Drill the correct diameter hole to the required depth for the HIT-M anchor selected.
2. Insert the anchor into the hole.
3. For solid base material, hammer the expansion nail to obtain the complete setting of the anchor and until the head of the nail comes into contact with the flange of the sleeve.
4. For hollow base material, expand by screwing with screw driving machine and suitable pozidrive bit.

HIT M Hammer-In Anchors - P Head Version

Part No.	Description	Minimum Base Thickness	Maximum Fixture Thickness (mm)	Overall Anchor Length (mm)	Anchor / Hole Ø (mm)	Min Hole Depth (mm)	Order Qty
7C-HITM-5052-7P	HITM 5-5/27 P	60	5	27	5	30	200
7C-HITM-5153-7P	HITM 5-15/37 P	60	15	37	5	30	200
7C-HITM-6053-2P	HITM 6-5/32 P	65	5	32	6	35	200
7C-HITM-6123-9P	HITM 6-12/39 P	65	12	39	6	35	100
7C-HITM-6255-2P	HITM 6-25/52 P	65	25	52	6	35	100
7C-HITM-6406-7P	HITM 6-40/67 P	65	40	67	6	35	100
7C-HITM-8104-2P	HITM 8-10/42 P	65	10	42	8	40	100
7C-HITM-8306-2P	HITM 8-30/62 P	65	30	62	8	40	100
7C-HITM-8609-2P	HITM 8-60/92 P	65	60	92	8	40	100
7C-HTM8-8011-2P	HITM 8-80/112 P	65	80	112	8	40	100
7C-HTM8-1H13-2P	HITM 8-100/132 P	65	100	132	8	40	100

HIT M Hammer-In Anchor - V Head Version

Part No.	Description	Minimum Base Thickness	Maximum Fixture Thickness (mm)	Overall Anchor Length (mm)	Anchor / Hole Ø (mm)	Min Hole Depth (mm)	Order Qty
7C-HITM-6123-9V	HITM 6-12/39 V	65	12	39	6	35	100
7C-HITM-6255-2V	HITM 6-25/52 V	65	25	52	6	35	100
7C-HITM-6406-7V	HITM 6-40/67 V	65	40	67	6	35	100
7C-HITM-8306-2V	HITM 8-30/62 V	65	30	62	6	40	100
7C-HTM8-8609-2V	HITM 8-60/92 V	65	60	92	8	40	100
7C-HTM8-8011-2V	HITM 8-80/112 V	65	80	112	8	40	100
7C-HTM8-1H13-2V	HITM 8-100/132 V	65	100	132	8	40	100

HIT M Hammer-In Anchors - Stainless Steel A2

Part No.	Description	Minimum Base Thickness	Maximum Fixture Thickness (mm)	Overall Anchor Length (mm)	Anchor / Hole Ø (mm)	Min Hole Depth (mm)	Order Qty
7D-HTM6-0532-SS	HITM 6-5/32 P A4	65	5	32	6	35	200
7D-HTM6-2552-SS	HITM 6-25/52 P A4	65	25	52	6	35	100
7D-HTM6-4067-SS	HITM 6-40/67 P A4	65	40	67	6	35	100
7D-HTM8-1042-SS	HITM 8-10/42 P A4	65	10	42	8	40	100
7D-HTM8-3062-SS	HITM 8-30/62 P A4	65	30	62	8	40	100
7D-HTM8-6092-SS	HITM 8-60/92 P A4	65	60	92	8	40	100
7D-HTM8-1H13-SS	HITM 8-100/132 P A4	65	100	132	8	40	100

HIT M Hammer-In Anchor - Special Version

Part No.	Description	Minimum Base Thickness	Maximum Fixture Thickness (mm)	Overall Anchor Length (mm)	Anchor / Hole Ø (mm)	Min Hole Depth (mm)	Order Qty
Nylon Screw							
7C-HTM5-0527-NY	HITM 5-5/27 CN Nylon version	60	5	27	5	30	200
Threaded Head							
7C-HTM6-M610-0T	6/5-M6x100 Threaded	65	5	32	6	40	100
7C-HTM6-M715-0T	6/5-M7x150 Threaded	65	5	32	6	40	100

HIT M Hammer-In Anchor - Indicative Design Loads in Concrete

Anchor Size	Embedment Depth (mm)	Anchor Spacing no edge influence (mm)	Anchor Spacing near one edge (mm)	Edge Distance $C_{cr,Nmin}$ (mm)	Edge Distance $C_{cr,Vmin}$ (mm)	Shear Load (kN)*	Tension Load (kN)*
5-5	20	25	60	25	40	0.70	0.30
5-15	20	25	60	25	40	0.70	0.30
6-5	25	25	70	25	45	1.05	0.45
6-12	25	25	70	25	45	1.05	0.45
6-25	25	25	70	25	45	1.05	0.45
6-40	25	25	70	25	45	0.84	0.45
8-10	30	25	90	25	60	1.61	0.60
8-30	30	25	90	25	60	1.61	0.60
8-60	30	25	90	25	60	1.61	0.60
8-80	30	25	90	25	60	1.33	0.60
8-100	30	25	90	25	60	1.33	0.60

Indicative design load (kN) in C20/25 grade concrete
* Refer to Ramset Design Guide for more information or explanation of technical data