

Spit Hit M Hammer Screw Anchor



Hammer-in anchor for fixing to both solid and hollow substrates

Pre-expansion design guarantees correct installation.

Product Advantages

- The innovative design ensures the product can be hammered all the way into the hole without pre-expansion
- Countersunk sleeve protects the item being fixed for 8mm diameter
- Demountable
- Wide collar ensures tight fixing
- Saw tooth thread making it easy to drive in and unscrew
- Through fixing lowers in place costs

Suitable Substrates

The only hammerscrew designed to work in both solid and hollow substrates

- Concrete
- Stone
- Solid block
- Solid brick

Approvals



Specification

By hammering in the fixing, the drive nail pushes against the pre-expansion collar until the sleeve is fully located. Further hammering or tightening the screw causes the sleeve to expand. When point of contact is made in the hole the screw is drawn in towards the fixing until flush with the fixture surface.

Material

Sleeve: Polyamide 6 is resistant to weathering, ageing and rotting, it can withstand temperatures from - 20°C to + 60°C. It has good electrical insulation properties. It has high tensile and compressive strength and is largely resistant to chemical attack.

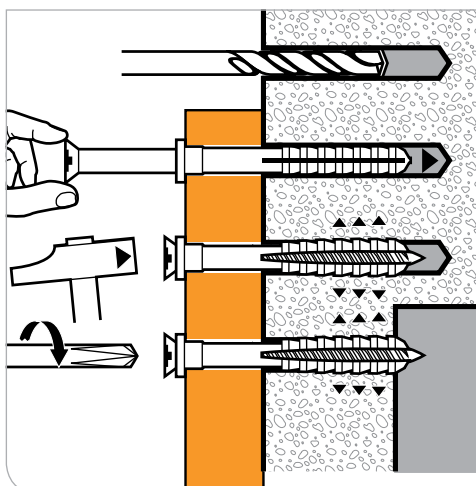
Screw: Zinc plated 5µm.

Applications



- Drywall track and brackets
- Electrical installations
- Insulation supports
- Battens / sole plates
- Conduit clips
- Boxes
- Trunking
- Metal lathe (with washer)
- Brick ties
- Skirting boards
- Computer floor pedestals
- Brackets
- Metal frames
- Collars

Installation



1. Drill a hole through the part to be fixed according to the diameter of the fixing, blow out dust. If the fixture thickness is less than the maximum given in the table below, the hole depth has to be increased accordingly.

Then either...

2. Insert the anchor by hand as deep as possible.
3. Tap on 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.

or...

2. Inserting the anchor by hand until contact of the flange with the part to be fixed.
3. Expand by screwing with a screw driving machine and suitable pozidrive bit.

Spit Hit M Hammer Screw Anchor

Product Range - Spit Hit M Hammer Screw Anchor - Zinc Plated Drive Screw



Eurocode	Description	Max Fixture Thickness	Overall Anchor Length	Anchor/Hole Diameter	Min Hole Depth	Effective Embedment	Box Qty
050116	5 - 5 - 27P	5mm	27mm	5mm	36mm	26mm	200
050117	5 - 15 - 37P	15mm	37mm	5mm	34mm	24mm	200
050118	6 - 5 - 32P	5mm	32mm	6mm	38mm	28mm	200
050119	6 - 12 - 39P	12mm	39mm	6mm	38mm	28mm	100
050121	6 - 25 - 52P	25mm	52mm	6mm	38mm	28mm	100
050122	6 - 40 - 67P	40mm	67mm	6mm	38mm	28mm	100
050123	8 - 10 - 42P	10mm	42mm	8mm	49.5mm	39.5mm	100
050134	8 - 30 - 62V	30mm	62mm	8mm	49.5mm	39.5mm	100
050135	8 - 60 - 92V	60mm	92mm	8mm	49.5mm	39.5mm	100
050136	8 - 80 - 112V	80mm	112mm	8mm	49.5mm	39.5mm	100
050137	8 - 100 - 132V	100mm	132mm	8mm	49.5mm	39.5mm	100

NB: P = Flat Sleeve Head, V = Countersunk Sleeve Head

Product Range - Spit Hit M Hammer Screw Anchor - Stainless Steel A4-316 Drive Screw



Eurocode	Description	Max Fixture Thickness	Overall Anchor Length	Anchor/Hole Diameter	Min Hole Depth	Effective Embedment	Box Qty
050157	6 - 5 - 30P A4	5mm	30mm	6mm	38mm	28mm	200
050158	6 - 25 - 50P A4	25mm	50mm	6mm	38mm	28mm	100
050159	6 - 40 - 65P A4	40mm	65mm	6mm	38mm	28mm	100
050161	8 - 10 - 40P A4	10mm	40mm	8mm	49.5mm	39.5mm	100
050162	8 - 30 - 60P A4	30mm	60mm	8mm	49.5mm	39.5mm	100
050163	8 - 60 - 90P A4	60mm	90mm	8mm	49.5mm	39.5mm	100

NB: P = Flat Sleeve Head, V = Countersunk Sleeve Head

Spit Hit Hammer Screw Anchor Recommended Loads in Concrete

Description	>C20 / 25 Concrete Tensile Load (kN)	Concrete Block Tensile Load (kN)	Solid Brick Tensile Load (kN)	>C20 / 25 Concrete Shear Load (kN)	Concrete Block Shear Load (kN)	Solid Brick Shear Load (kN)
Ø 5	0.18	0.28	0.32	0.50	0.50	0.50
Ø 6 / 5 / 12 / 25		0.30	0.31	0.52	0.75	0.75 0.75
Ø 6 / 40	0.30	0.31	0.52	0.60	0.60	0.60
Ø 8 / 10 / 30 / 60	0.42	0.33	0.72	1.15	1.15	0.75
Ø 8 / 80 / 100	0.42	0.33	0.72	0.95	0.95	0.95