



Internally threaded
screwbolt
SB M8 / M10



X ANCHORS



SYMPAFIX
serious fixings

INTERNALLY THREADED SCREWBOLT

PROPERTIES

- Screwbolt with **detachable M8/M10 internally threaded nut**, for mounting threaded rods
- One and the same anchor suitable for mounting **M8 as well as M10** rods
- **ETA part 6 approval** for redundant systems in cracked and non-cracked concrete, as well as in hollow core concrete slabs
- Extremely **fast installation** due to small drill diameter and limited embedment depth
- Very easy and light to install. Use of a hammer (dropin anchors) no longer required. **Drilling, screwing, finished!**
- Virtually tension-free: suitable for **very small edge distances and spacing**
- Also suitable for use in **aerated concrete, sandlimestone and solid brickwork** (without ETA approval)
- **F120** Fire Approval
- **Ideal for suspended fixings** such as ceilings, cable trays, sprinkler systems and piping

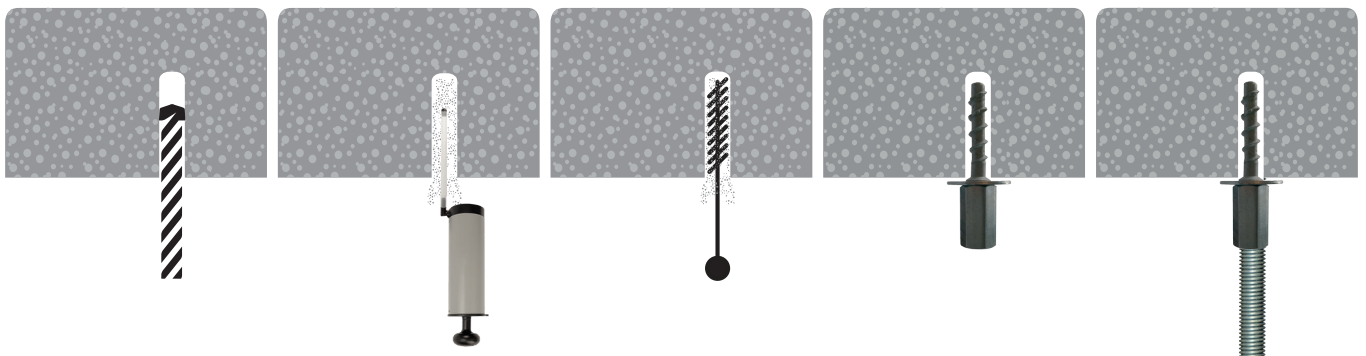
APPROVALS AND TEST REPORTS

1488-CPD-0386/w
ETA-10/0114
Part 6, M8/M10
Internally threaded
screwbolt

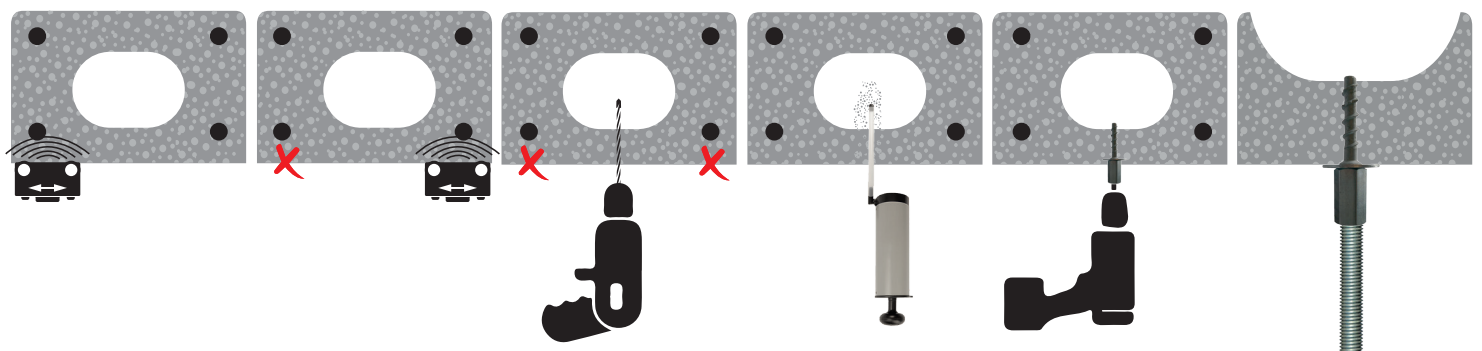


INSTALLATION INSTRUCTIONS

Fixing in concrete

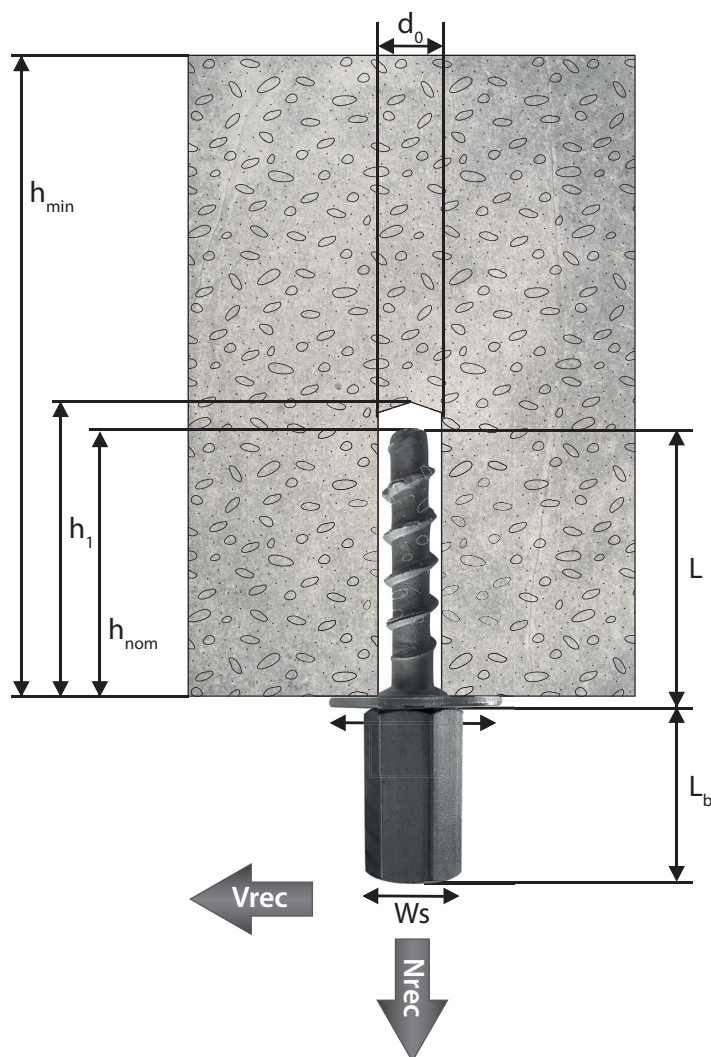


Fixing in hollow core concrete slabs



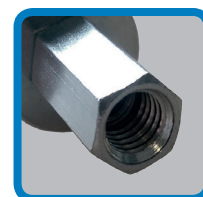
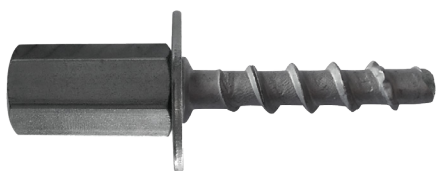
INTERNALLY THREADED SCREWBOLT

TECHNICAL DATA



- L:** anchor length
- Lb:** length M8/M10 nut
- d0:** drill hole diameter
- dr:** diameter washer
- ws:** wrench size
- hnom:** embedment depth
- h1:** minimum drill hole depth
- hmin:** minimum member thickness
- Cmin:** minimum edge distance
- Smin:** minimum spacing
- Nrec:** maximum tension load (1kN = ±100kg)
- Vrec:** maximum shear load (1kN = ±100kg)

ASSORTMENT OVERVIEW



Internally threaded screwbolt SB (M8 / M10)

Type	Art. Nr.	QTY	QTY	mm	mm	H1 min mm	mm
ZINC PLATED							
SB 6x35 M8/10 WS 13	70250	50	200	6	35	45	13

INTERNALLY THREADED SCREWBOLT

TECHNICAL DATA

	Redundant fixings in cracked or non-cracked concrete	Redundant fixings in hollow core concrete slabs
d ₀ : drill hole diameter (mm)	6	6
Ws: wrench size(mm)	13	13
h _{nom} : embedment depth	35	25
h ₁ : minimum drill hole depth (mm)	45	35
h _{min} : minimum member thickness (mm)	80	n.v.t.
C _{min} : minimum edge distance (mm)	35	100
S _{min} : minimum spacing (mm)	35	100
N _{rec} : maximum tension load (1kN = ±100kg)	0,6	0,8
V _{rec} : maximum shear load (1kN = ±100kg)	3,3	3,3

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