



Ideal for existing or new construction, HTT Tension ties provide a high strength timber to concrete, or timber to masonry, tension connection



[ETA-07/0285](#), [UK-DoP-e07/0285](#)

FEATURES



Material

Z275 Pre-galvanised mild steel.

Benefits

- Enables a connection to concrete structure.



APPLICATIONS

Connections

Timber Members

When to Use

- Timber structures which exerted to high uplift forces can be connected to concrete structures with the HTT Hold Down.
- Tension force connection between timber floor joists and masonry walls

TECHNICAL DATA

INSTALLATION

Fixing

Fastening into Timber Stud:

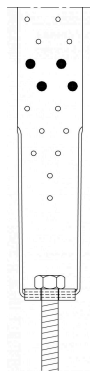
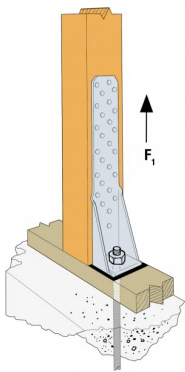
- 4mm CNA Nails
- 5mm CSA Screws

Fastening to the concrete:

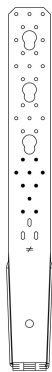
- Mechanical anchors: M16 WA Anchor or BOAX-II
- Chemical anchors: injection mortar SET-XP or AT-HP + M16 threaded rod LMAS

Installation

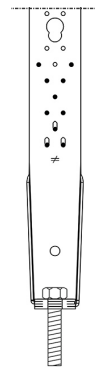
- The connector is mounted with a suitable M16 bolt to the concrete or masonry wall, and the vertical leg is fastened with 4mm CNA Nails, or 5.0mm CSA Screws, to the timber.



For HTT5 these holes must always be filled.



For HTT22E these holes must always be filled



HTT22E Nail pattern