



HD tension anchors are used for the connection of wooden components for particular design. HD tension rods are made bent in an angle of about 2-3 mm thick, galvanized perforated sheet. The horizontal leg of the connecting rods are screw holes for M12, M16 and M20 and is used for attachment into the concrete. Galvanized back plate thicknesses from 15 to 20 mm absorbs pulling power from the vertical feet in concrete anchors.



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

FEATURES



Material

Steel quality:

Angle: S 250 GD + Z 275 according to DIN EN 10346

Pedestal: S 235 JR according to DIN EN 10025

Corrosion protection:

Angle: 275 g / m galvanized on both sides 20mm

base:

galvanizing layer thickness of about 55 microns in accordance with DIN EN 1461

Benefits

- Depending on the load, you can choose different sizes of the tie rod.

APPLICATIONS

Applicatons

Concrete, steel, wood, wood products.

Scope

- The connection element wooden structure can be optimally combined with concrete bottom plates, such as the ever more frequently occurring timber frame construction.
- Using a specially developed lining plate ensures optimal utilization of permissible load anchors.

E = distance from the wall opening

capacities

n = nef according EC5 (8.3.1.1)

Rlat.k = characteristic capacity coupling means in the vertical plate shear

Bolt is burdened F1.dx "factor screw" proven.

TECHNICAL DATA

INSTALLATION

Fasteners

- Fastening to the post is done with CNA4.0xℓ threaded nails or CSA5.0xℓ screws.
- Anchor bolts must be used for connection to concrete components.

