

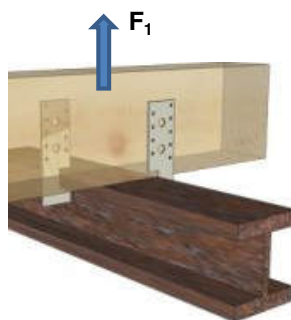


GH - T-girder anchors

EN 14545:2008



0769



Properties

Steel grade S 250 GD
Surface Z 275

For angle bracket basic principles, see download document

Fasteners

Fixing in timber with fasteners to ETA-13/0523

GH connector nails (threaded nails) 4.0 x 35 / 40 / 50 / 60 / 75 / 100 mm

GH screw 5.0 x 25 / 35 / 40 / 50 / 60 / 70 mm

The joint can also be made with an interlayer (e.g. OSB).

Nail pattern

Full nailing / partial nailing, see resistance table

Calculation of the design values of the load-carrying capacities to EN 1995-1-1 8.1.4

The tables contain characteristic load-carrying capacities (resistances) and design values of the load-carrying capacity (resistance) "short-term" in kN

In each case, half of the nails are to be arranged in one row of holes.

A joint should always consist of two T-girder anchors attached diagonally opposite to each other.

Otherwise the eccentricity of the joint must be taken into consideration.

The effects of the notches in the T-girder on the load-carrying capacity is not taken into consideration in the table value of the steel resistance

The resistance of the joint perpendicular to the grain must be determined to EN 1995-1-1 8.1.4.

Remarks:

Timber strength class 350 kg/m³ char. density.

The fastener minimum edge distances to EC 5 shall be satisfied.

All calculations and values are exclusively for GH products and their fasteners.

The load-bearing capacities were determined on the basis of ETA 13/0523. It is not possible to transfer the values to third party makes.

Disclaimer:

Despite careful calculations and checking, no liability is accepted for the technical data.

Subject to change without notice

For technical drawing, see website www.holzverbinder.de

