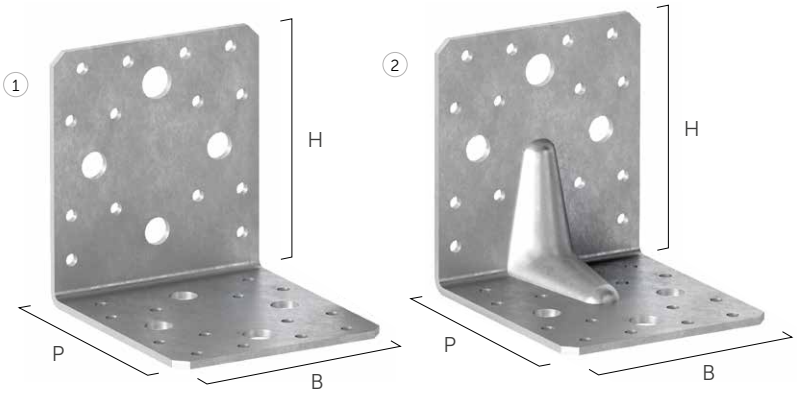
HT100

CE

ANGLE BRACKET 100 FOR SHEAR FORCES

- The most classic of the shear angle brackets in versions with or without reinforcement: universal use, ideal for frame houses or small CLT houses
- 5 mm holes for fastening on timber with screws (SBL) or nails (LBA-HT)
- 11 mm and 13 mm holes for certified fastening on concrete with anchors. Available in 2 versions: with and without reinforcement

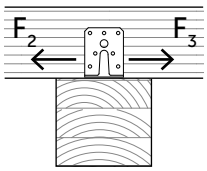


S250

Zn ELECTRO PLATED

CODE		B [mm]	P [mm]	H [mm]	s [mm]	n Ø5	n Ø11	n Ø13			pcs
HT100100SR	1	90	100	100	3,0	28	4	2	●	●	50
HT100100S	2	90	100	100	3,0	28	6	2	●	●	50

STRUCTURAL VALUES



		FASTENING NUMBER				CHARACTERISTIC VALUES
		holes fastening Ø5			holes fixing Ø11	SHEAR
CODE	connection	type	Ø x L [mm]	n_v [pcs]	n_H [pcs]	$R_{2/3,k}$ [kN]
HT110170R HT100100S	timber-to-timber	Anker nails	Ø4 x 60	26	-	**8,9**
	timber/concrete		Ø4 x 60	12	2	**8,9**

GENERAL PRINCIPLES

- Characteristic values are consistent with EN 1995-1-1 and in accordance with ETA.
- Design values can be obtained from characteristic values as follows:

$$R_d = \frac{R_k \cdot k_{mod}}{\gamma_M}$$

The coefficients k_{mod} and γ_M should be taken according to the current regulations used for the calculation.
- Dimensioning and verification of timber and concrete elements must be carried out separately.
- The strength values of the connection system are valid under the calculation hypotheses listed in the table.