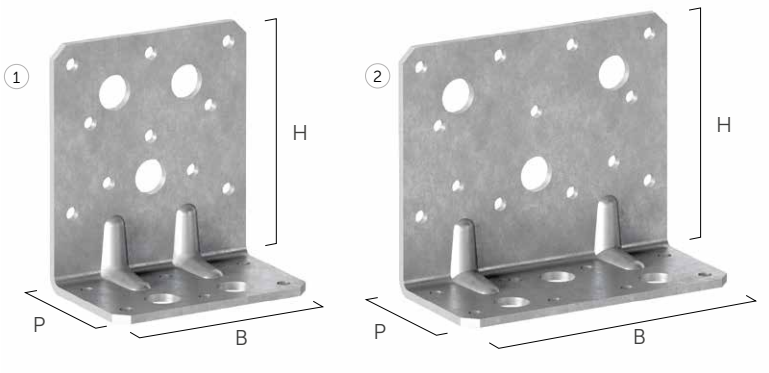
HTW

CE

ANGLE BRACKET FOR SHEAR FORCES

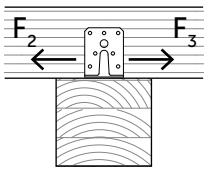
- Ideal for frame houses or small CLT houses
- Asymmetrical angle bracket with a width of only 50 mm, for installation in small spaces
- 5 mm holes for fastening on timber with screws (SBL) or nails (LBA-HT) and 13 mm holes for fastening on concrete with anchors



1 S250 | 2 DX51D | Zn ELECTRO PLATED

CODE		B [mm]	P [mm]	H [mm]	s [mm]	n Ø5	n Ø13			pcs
HT509080	1	80	50	90	3,0	16	5	●	●	100
HT90110	2	110	50	90	3,0	21	6	●	●	50

STRUCTURAL VALUES



		FASTENING NUMBER				CHARACTERISTIC VALUES
		holes fastening Ø5			holes fastening Ø13	SHEAR
CODE	connection	type	Ø x L [mm]	n_v [pcs]	n_V [pcs]	$R_{2/3,k}$ [kN]
HT509080	timber-to-timber	Anker nails	Ø4x 60	14	-	**8,5**
	timber/concrete		Ø4 x 60	8	2	**8,4**
HT90110	timber-to-timber	Anker nails	Ø4 x 60	17	-	**7,1**
	timber/concrete		Ø4 x 60	9	2	**7,1**

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.