

## Area of application

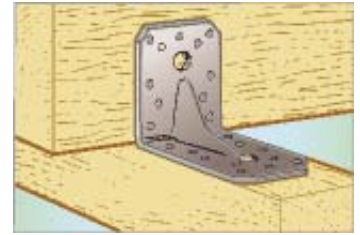
ESSVE Angle brackets, Type 70, 90 and 105, are designed to use when anchoring crossing frameworks and brackets for framing and between wooden posts as well as ground and wall plates.

## Description

Made of 2.0, 2.5 or 3.0 mm hot dip galvanized sheet steel and stainless acid proof steel, A4. The angle brackets are equipped with 5.0 mm holes and larger bolt holes, see table below. The angle brackets are available in two designs, with (m) or without (u) reinforcement.

## Installation

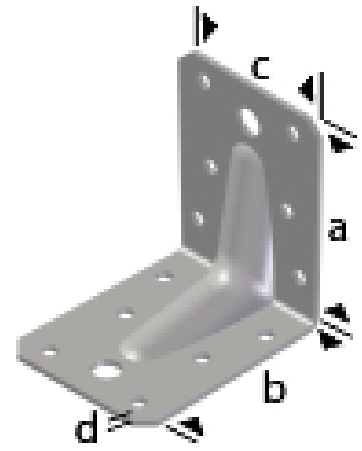
The angle brackets are installed using e.g. ESSVE Anchor nails 4.0 mm or ESSVE Wood connector screws 5.0 mm. Installation can also be carried out using 8.0 or 10 mm bolts. For cross joint use 4-8 nails/screws in the vertical leg and 4-10 in the horizontal. Minimum 1 nail in each outer corner. Always use 2 brackets per joint.



## Specification

Material	Steel S250	A4
Lower yield point value, fyk	Min. 250 MPa /**PL350 Mia	-
Surface treatment	20 µm	Stainless acid proof steel
Corrosion category	C2	C5
Nail hole Ø	5.0 mm	5.0 mm
Bolt hole Ø	9.0 alt. 11.0 mm	11.0 mm

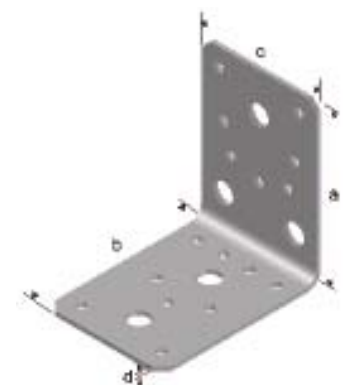
## Angle bracket, hot dip galvanized



Type V7



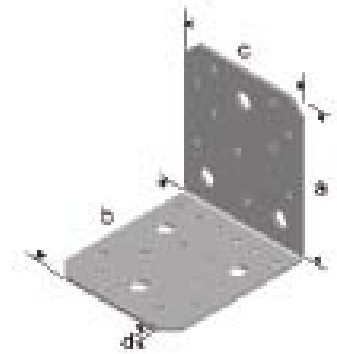
Type V2



Type V1



Type V4



Type V3



Item no.	Type	Standard	Dimensions a × b × c × d mm	Hole Anchor nail/ Wood connector screw Quantity × Ø 5 mm	Hole Bolt Quantity × Ø mm	CE marked	Qty/ pack.	Quantity / pallet	Item code
451448	V7	70 m	70×70×55×2.0	12	2×Ø9.0	CE	50	3200	L
451454	V2	90 m	90×90×65×2.5	20	2×Ø11.0	CE	50	1500	L
451451	V1	90 u	90×90×65×2.5	16	5×Ø11.0	CE	50	2000	L
451457	V2 PL*	90 m	90×90×65×1.5	20	2×Ø11.0	CE	50	3200	L
451461	V3	105 u	105×105×90×3.0	24	6×Ø11.0	CE	35	2240	L
451463	V4	105 m	105×105×90×3.0	22	4×Ø11.0	CE	25	1600	L
451466	V4 PL*	105 m	105×105×90×2.0	22	4×Ø11.0	CE	25	800	L

\*PL are brackets that are 25% lighter but with maintained strength.