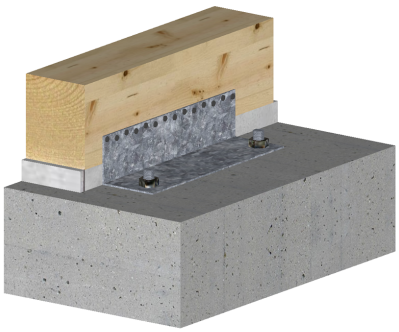
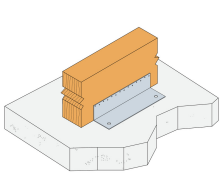
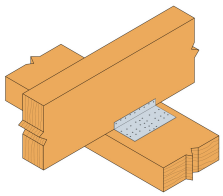
# Technical Sheet

AB6983 / AB36125 / AB3560
**AB6983 / AB36125**

These angles are used for anchoring and force transmission between the beams and the base plate.

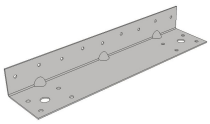
















## Features

### Material

**Steel quality:**

**S250GD + Z275 according to DIN EN10346**

**Corrosion protection:**

**275 g / m galvanized on both sides 20mm**

### Benefits

**• To connect to a wall in confined areas and achieving the appropriate distance from the edge of fasteners**
**• joint at a distance from the wall elements**
**• Connection perpendicular or parallel to the joists**
**applicable materials**
**• suitable for connections wood-wood, concrete, steel**

## Applications

### Applicatons

**• Can be used also for connection of the longitudinal elements to the wall panels**

### Scope

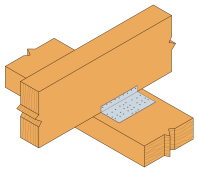
- The angle connectors are used for the anchoring of blockages to initiate the forces of the associations in the ring beam or ceiling tiles.
- The connector can also be used for the connection of longitudinal forces at the wall panels

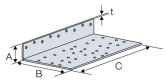
**Technical Sheet**

AB6983 / AB36125 / AB3560
**AB6983 / AB36125**

# Technical Data

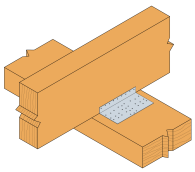
## Product Dimensions






| Reference | Connector Dimensions | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Product Dimensions[mm] | | | | Joist[mm] | | Flange B[mm] | | Other |
| | | | | | Round | | Round | | |
| | A[mm] | B[mm] | C[mm] | Thickness[mm] | Ø4[mm] | Ø5[mm] | Ø5[mm] | Ø13[mm] | Weight[kg] |
| AB6983 | 69 | 83 | 300 | 2.5 | 14 | - | - | 2 | 0.89 |
| AB36125 | 36 | 125 | 247 | 2 | - | 9 | 30 | - | 0.64 |
| AB3560 | 35 | 60 | 270 | 1.5 | 9 | - | 8 | - | 0.3 |

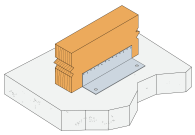
## Product capacities - Timber to timber



| Reference | Angle bracket capacity | | |
|---|---|---|---|
| | Product capacities - Timber to timber | | |
| | Number of Fasteners | | Characteristic capacities - Timber C24 - 1 angle brackets per connection[kN] |
| | Joist | Flange B | $R_{2,k}=R_{3,k}$ |
| | Qty | Qty | CNA4.0x40 |
| AB36125 | 7.0 | 7.0 | 10.3 |
| AB3560 | 9.0 | 8.0 | 10,6* |

* CNA3,1x40 in flange A, CSA5,0x25 in flange B

## Product capacities - Timber to concrete



| Reference | Angle bracket capacity | | | | | |
|---|---|---|---|---|---|---|
| | Product capacities - Timber to Concrete | | | | Product capacities - Timber to timber | |
| | Number of Fasteners | | Characteristic capacities - Timber C24 - 1 angle brackets per connection[kN] | | Number of Fasteners | |
| | Joist | Flange B | $R_{2,k}=R_{3,k}$ | | Joist | Flange B |
| | Type | Type | CNA3.1x40 | Bolt factor | Qty | Qty |
| AB6983 | CNA | M12* | Min (13.1 ; 16/kmod) | 0.56 | 14.0 | 2.0 |

* Refer to Characteristic Capacity table columns for type of fasteners that can be used in Flange A. Capacities vary depending on fastener type used.
** The bolt design resistance requirement R#,d is determined from (bolt factor x connection design load F#,d) for the required load direction and fastener. Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are BOAXII, SET-XP, WA, AT-HP, depending on the concrete type, spacing and edge distances.

**Technical Sheet**

AB6983 / AB36125 / AB3560

**AB6983 / AB36125**

# Installation

## Fasteners

- **Installation and assembly of components of wood using nails or screws CNA CSA5,0xℓ.**
- **For mounting on concrete surfaces are used M12 anchor bolts.**



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