

SDD Self-Drilling Dowel

The CE marked SDD dowel is the ideal fixing for hidden connections in combination with aluminium connectors such as BTALU. The double threaded dowel has a cylinder head with an T-40 6-lobe drive and the unique point design reduce the splitting in timber. The groove on the lower thread allows the material to be removed during installation.

Features

Benefits

- CE-marked
- No pre-drilling required
- T-40 6-lobe drive
- Small cylinder head for hidden connections
- Groove for chip-removing

Material

- Electro galvanised carbon steel

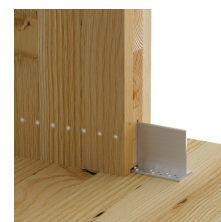
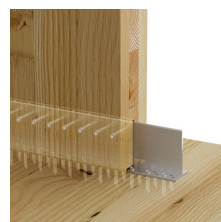
Applications

Applications

- Glulam beams
- CLT wall to CLT floor

Suitable for

- Concealed aluminium connectors



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Technical Data



Product Dimensions

References	Item code	Diameter [d]	Length [L]	Head diameter [d _h]	Upper shank diameter [d ₁]	Upper thread length [L _{g2}]	Lower thread length [L _{g1}]	Bit
SDD7.5X93	78119	7.5	93	12	6.9	27	8.5	T-40
SDD7.5X113	78120		113	12	6.9	36	12.5	T-40
SDD7.5X133	78121		133	12	6.9	36	12.5	T-40
SDD7.5X153	78122		153	12	6.9	36	12.5	T-40
SDD7.5X173	78123		173	12	6.9	36	12.5	T-40

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Installation

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The self-drilling dowel can be screwed directly through the wooden part to be assembled with the aluminium connector, without pre-drilling.

For installation with an aluminium connector, we recommend using a high-torque, low-speed screwdriver (600-1000 rpm). A pressure of 25 to 30 kg should be applied to the screwdriver after the drill tip comes into contact with the aluminium.

It is recommended to have a wood notch clearance of 1 to 2 mm, i.e. a notch of 7 to 8 mm for a 6 mm thick plate (BTALU type), to allow chips to be removed. The dowel must be perpendicular to the plate to be drilled.

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