

The SDE is a two piece, width adjustable face fix hanger. The two separate components that make up the SDE system can be adjusted to suit a range of joist widths between 60mm to 120mm. Each SDE is supplied as a pair. Optional bolt holes (13mm diameter).



[UK-DoP-e06/0270](#), [ETA-06/0270](#)

FEATURES

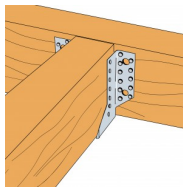


Material

- Galvanised steel S250GD + Z275 according to NF EN 10346.

Avantages

- Great flexibility in use in new and refurbished condition.



APPLICATIONS

Support

- Supporting member:** wood, concrete, steel
- Supported member:** solid wood, composite lumber

Intend Use

- Joists
- Refurbishment of existing assemblies

TECHNICAL DATA

Product Dimensions

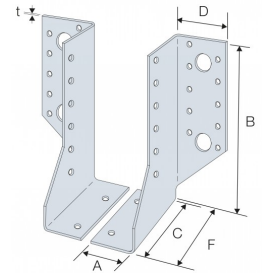
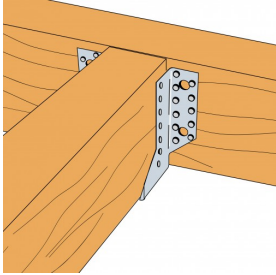


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Product Capacities - Timber to Timber - Full nailing Br36

References	Characteristic capacities - Timber to timber - Full nailing											
	Number of Fasteners				Product characteristic capacities - Timber C24 [kN]				Safe Working Loads [kN]			
	Header		Joist		R _{1,k}		R _{2,k}		R _{1,SWL,Long Term}		R _{2,SWL,Short Term}	
	Qty	Type	Qty	Type	N3,75x30	Ø4,0x100	N3,75x30	Ø4,0x100	N3,75x30	Ø4,0x100	N3,75x30	Ø4,0x100
SDE300/30	18	N3,75x30 or N4,0x100*	10	N 3,75x30	3	9.6	4.5	9.6	1.3	4	2.3	4.8
SDE340/30	22	N3,75x30 or N4,0x100*	12	N 3,75x30	3.9	11.5	6.3	11.5	1.6	4.8	3.2	5.8
SDE380/30	22	N3,75x30 or N4,0x100*	12	N 3,75x30	11.5	11.5	6.3	11.5	4.8	4.8	3.2	5.8
SDE440/30	28	N3,75x30 or N4,0x100*	14	N 3,75x30	14.3	14.3	9.4	14.3	6	6	4.7	7.2

*Characteristic Capacity varies depending on the type of header fastener used (N3.75x30 Square twist nail, or N4.0x100 Round Wire Nail)

INSTALLATION

Fasteners

On wood:

- CNA annular ring-shank nails dia. 4.0 x 50 mm
- Lag screws and bolts dia. 10 or dia. 12 mm

On concrete:

Concrete substrate:

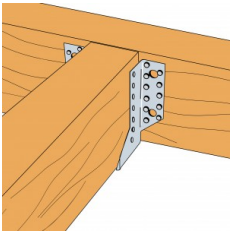
- Mechanical anchor: WA M12-104/5 pin
- Chemical anchor: AT-HP resin + LMAS M12-150/35 threaded rod

Hollow masonry substrate: (check the load bearing capacity of the anchors)

- Chemical anchor: AT-HP or POLY-GP resin + LMAS M12-150/35 + SH M16-130 screen

Installation

- Use all fasteners as specified in the table below.
- Check that the header can accommodate the fasteners specified.
- Each SDE piece must also be nailed through the holes underneath the joist.



Installation
Timber to timber