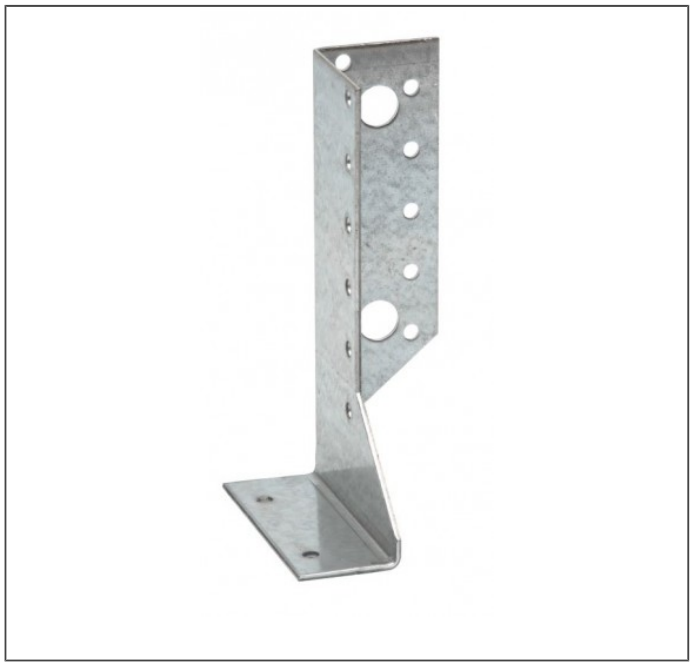
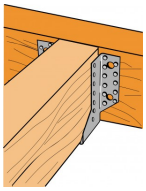
Technical data sheet

SDE - WIDTH ADJUSTABLE FACE FIX JOIST HANGER





Two-piece joist hangers can be adapted to wood sections with widths between 60 and 120 mm. It is essential to install nails in the base of the joist hanger to ensure a solid assembly.

UK-DoP-e06/0270
ETA-06/0270

FEATURES

Material

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

Benefits

- Great flexibility in use in new and refurbished condition.

APPLICATIONS

Header member

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

For Use With

- Joists.
- Refurbishment of existing assemblies.

TECHNICAL DATA

Safe Working Loads - Standard Header Nails

References	Dimensions				Joist				Fasteners				Safe Working Loads [kN]	
					Width		Height		Header		Joist			
	A	B	C	Thickness	Min.	Max	Min.	Max	Qty	Specificatio	Qty	Specificatio	Long Term Download	Short Term Uplift
SDE300/30	30	118	84	2	60	160	120	177	18	3.75 x 30	14	3.75 x 30	1.3	2.3
SDE340/30	30	138	84	2	60	160	140	207	22	3.75 x 30	16	3.75 x 30	1.6	3.2
SDE380/30	30	158	84	2	60	160	160	237	22	3.75 x 30	16	3.75 x 30	4.8	3.2
SDE440/30	30	188	84	2	60	160	190	282	28	3.75 x 30	20	3.75 x 30	6.0	4.7

Safe Working Loads - Enhanced Header Nailing

References	Dimensions				Joist				Fasteners				Safe Working Loads [kN]	
					Width		Height		Header		Joist			
	A	B	C	Thickness	Min.	Max	Min.	Max	Qty	Specificatio	Qty	Specificatio	Long Term Download	Short Term Uplift
SDE300/30	30	118	84	2	60	160	120	177	18	4.0 x 100	14	3.75 x 30	4.0	4.8
SDE340/30	30	138	84	2	60	160	140	207	22	4.0 x 100	16	3.75 x 30	4.8	5.8
SDE380/30	30	158	84	2	60	160	160	237	22	4.0 x 100	16	3.75 x 30	4.8	5.8
SDE440/30	30	188	84	2	60	160	190	282	28	4.0 x 100	20	3.75 x 30	6.0	7.2

Characteristic Capacities - Standard Installation

References	Dimensions				Joist				Fasteners				Characteristic Capacities [kN]	
					Width		Height		Header		Joist			
	A	B	C	Thickness	Min.	Max	Min.	Max	Qty	Specificatio	Qty	Specificatio	Download	Uplift
SDE300/30	30	118	84	2	60	160	120	177	18	3.75 x 30	14	3.75 x 30	3.0	4.5
SDE340/30	30	138	84	2	60	160	140	207	22	3.75 x 30	16	3.75 x 30	3.9	6.3
SDE380/30	30	158	84	2	60	160	160	237	22	3.75 x 30	16	3.75 x 30	11.5	6.3
SDE440/30	30	188	84	2	60	160	190	282	28	3.75 x 30	20	3.75 x 30	14.3	9.4

Characteristic Capacities - Enhanced Installation

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References	Dimensions				Joist				Fasteners				Characteristic Capacities [kN]	
	A	B	C	Thickness	Width		Height		Header		Joist		Download	Uplift
					Min.	Max	Min.	Max	Qty	Specificatio	Qty	Specificatio		
SDE300/30	30	118	84	2	60	160	120	177	18	4.0 x 100	14	3.75 x 30	9.6	9.6
SDE340/30	30	138	84	2	60	160	140	207	22	4.0 x 100	16	3.75 x 30	11.5	11.5
SDE380/30	30	158	84	2	60	160	160	237	22	4.0 x 100	16	3.75 x 30	11.5	11.5
SDE440/30	30	188	84	2	60	160	190	282	28	4.0 x 100	20	3.75 x 30	14.3	14.3

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INSTALLATION

Applications

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.

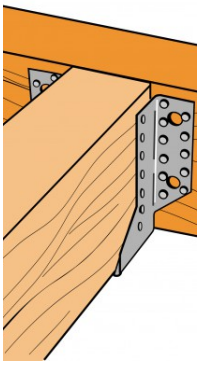
Hollow masonry substrate: (check the load bearing capacity of the anchors)

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

Installation

Sur Bois :

1. Tracer l'emplacement de la poutre portée sur le porteur,
1. Présenter le sabot et préfixer les ailes de chaque côté,
2. Ajuster le sabot par rapport aux tracés : le sabot doit être légèrement plus ouvert en haut que en bas pour faciliter l'installation de la poutre portée,
2. Finaliser la fixation sur chaque aile,
3. Présenter la poutre portée dans le sabot et la fixer en clouage partiel ou total.



Post to post fixing.