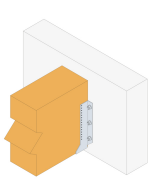
Technical Sheet

GSEXL

face fix hangers with exterior flange for large width timber section

GSEXL hangers are used for 201 mm to 270 mm width timber sections.







Features

Materiál

- S250GD + Z275 according to NF EN 10346.
- Thickness: 4 mm.

Vorteile

- Choice of widths according to the ranges indicated.

Applications

Support

- Supporting member: steel, concrete or masonry
- Supported member: solid wood, composite lumber, glued-laminated wood, triangular trusses, profiles, etc.

Anwendungsbereich

- Joists, purlins.
- Cladding plates and uprights.
- Rafter ends.
- Refurbishment of existing assemblies,etc.

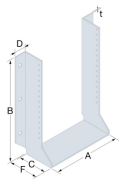
Technical Sheet

GSEXL

face fix hangers with exterior flange for large width timber section

Technical Data

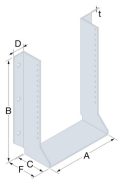
Rozměry a typické hodnoty

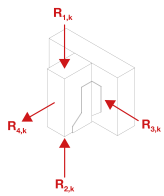


Reference	konektor rozměry								
	rozměry výrobku[mm]						Header otvory	nosník otvory	ostatní
	B[mm]	C[mm]	d[mm]	tloušťka[mm]	A (2)		kulatý	kulatý	hmotnost[kg]
					Min[mm]	Max.[mm]	Ø14	Ø	
GSEXL720/4X	(720-A)/2	110	41.5	4	201	270	4	16	2.4
GSEXL1020/4X	(1020-A)/2	110	41.5	4	201	270	6	30	3.3

A, B and C dimensions are the internal dimensions of the joist hanger.

Nosnosti - dřevo na beton





Reference	Hanger únosnost						
	Characteristic capacities - dřevo to beton or ocel						
	počet of Fasteners				výrobek characteristic capacities - dřevo C24[kN]		
	Header		nosník		$R_{1,k}$	$R_{2,k}$	$R_{3,k}$
	množství	typ	množství	typ	CNA 4.0x50	CNA 4.0x50	CNA 4.0x50
GSEXL720/4X	4.0	Ø12*	16.0	CNA	80	28.4	20
GSEXL1020/4X	6.0	Ø12*	30.0	CNA	120	53.2	24.1

Load capacities on concrete shown in this table are given in the case of a full slab fixing. In the context of a different application, it is advisable to the designer to ensure the good anchoring performance (a help for dimensioning is available on our Anchor Designer software, which can be downloaded for free on this website).
*Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions depend on the concrete type, spacing and edge distances. For this case a possible solution is FM-753 CRACK 3DG M12x110/10. The values in this table are given for an installation in the middle of a concrete slab. In other installation condition (close to the edge,...), the designer must check the anchor separately (Our free software Anchor Designer is available for download on our website).

Installation

Befestigung

On supported member:

- CNA annular ring-shank nails dia. 4.0 x 50 mm.
- **CSA screws dia. 5.0 x 40 mm.**

On supporting member:
Steel

- Bolt diam. 12 mm.

Concrete

- **Mechanical anchor diam. 12 mm type BOAX-II M12-102/5**
- **Chemical anchor: AT-HP resin + LMAS M12-110/35 threaded rod.**

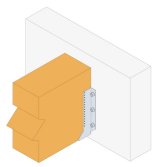
Instalace

Sur Bois :

1. Tracer l'emplacement de la poutre portée sur le porteur,
2. Présenter le sabot et préfixer les ailes de chaque côté,
3. 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,
4. Finaliser la fixation sur chaque aile,
5. Présenter la poutre portée dans le sabot et la fixer en clouage partiel ou total.

Sur Béton :

1. Méthode 1 : Tracer l'emplacement des perçages en appliquant le sabot sur la poutre,
2. Méthode 2 : Tracer l'emplacement de la poutre sur le support, présenter le sabot et repérer les centres des perçages,
3. Percer le support avec un forêt adapté,
4. Présenter le sabot et fixer le sur le support avec des goujons d'ancrages,
5. Présenter la poutre portée dans le sabot avant de la fixer.



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