

Technical data sheet

SIMPSON

Strong-Tie

HGUQ

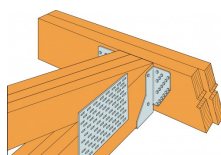
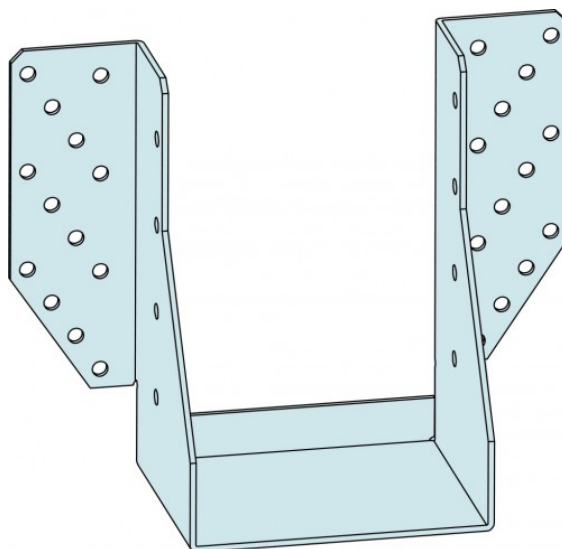
Face Fix Girder Truss Hanger - Screw Installation

The HGUQ is a joist hanger for supporting mono trusses and girder trusses from timber members. It is compatible with SSH screws for even faster and easier installation.

Features

Material

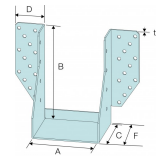
Pre-galvanised mild steel.



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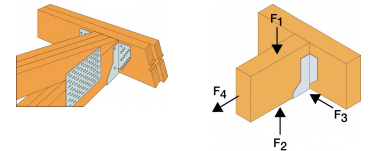
Technical Data

Product Dimensions



References	Joist Size	Product Dimensions [mm]						Header holes	Joist holes
	Width	A	B	C	D	F	t	Ø6.4 [mm]	Ø6.4 [mm]
HGUQ180/105SCR	2x47	105	180	100	54.5	102.5	2.5	26	8
HGUQ180/120SCR	3x35	120	180	100	54.5	102.5	2.5	26	8
HGUQ180/155SCR	3x47	155	180	100	54.5	102.5	2.5	26	8
HGUQ180/202SCR	4x47	202	180	100	54.5	102.5	2.5	26	8

HGUQ Installed with SDS Screws - Characteristic Capacity



References	Number of Fasteners		Characteristic capacity - Timber TR26/C27 [kN]		Safe Working Loads [kN]		
	Header	Joist	$R_{1,k}$	$R_{2,k}$	$R_{1,SWL,Medium Term}$	$R_{1,SWL,Long term}$	Short Term Uplift
	Qty	Qty	SSH6.0x60	SSH6.0x60	TR26 header SSH6.0x60	TR26 header SSH6.0x60	TR26 Joist SSH6.0x60
HGUQ	26	8	45.5	20.7	24.4	21.3	10.4

1. Safe working loads have been determined in accordance with BS 5268 and are based on TR26/C27 graded timbers.
2. Characteristic values have been determined in accordance with ETAG015, TR016 and EN 14358 for use with Eurocode 5. Values are based on TR26/C27 graded timbers.
3. Uplift values have been determined by calculation in accordance with Eurocode 5. Values are based on TR26/C27 graded timbers.
4. Hanger supplied with SSH6.0x60 screws.

HGUQ

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Installation

Installation

- Verify the header can take the required fasteners specified below.
- The thickness of the supporting timber must be equal or greater than the screw length.

