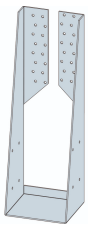
Technical Sheet

THGQ
Heavy Duty Girder Truss Hanger

THGQ is a heavy duty girder truss hanger designed to support multiple ply girder trusses from a vertical member of a girder truss.

- *Use with SSH screws instead of bolts - simplifying installation.*
- *SSH6.0x60 supplied with each THGQ.*
- *Maintains the strength of the supporting truss as no material is removed during installation.*
- *Suitable for use on girder trusses with bottom chord depths equal to or greater than 147mm.*
- *For use in Service Class 1 and 2 conditions only.*





Features

Material

Pre-galvanised mild steel.

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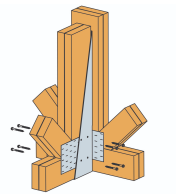
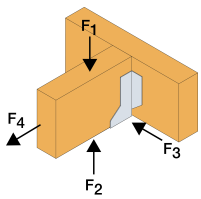
Technical Data

Product Dimensions



Reference	Connector Dimensions										
	Header dimensions[mm]	Timber size[mm]	Product Dimensions[mm]						Header holes	Joist holes	Other
	Min. width[mm]	Width[mm]	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	t[mm]	Round Ø6.4[mm]	Round Ø6.4[mm]	Weight[kg]
THGQ80SCR	147	2x35	80	675	135	38	305	3	30	8	3.228
THGQ102SCR	172	2x47	102	675	135	38	305	3	30	8	3.311
THGQ116SCR	197	3x35	116	675	135	38	305	3	30	8	3.364
THGQ154SCR	197	3x47 or 4x35	154	500	135	63	305	3	32	8	3.292
THGQ202SCR	222	4x47	202	500	135	63	305	3	32	8	3.473

Product Capacities



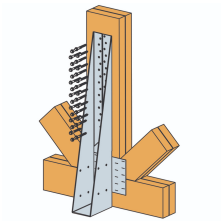
Reference	Hanger capacity			
	Characteristic capacities - Timber to timber - Full nailing			
	Number of Fasteners		Characteristic capacity - Timber TR26[kN]	
	Header	Joist	$R_{1,k}$	$R_{2,k}$
	Qty	Qty	SSH6.0x60	SSH6.0x60
THGQ80SCR	30.0	8	68.2	22.4
THGQ102SCR	30.0	8	68.2	22.4
THGQ116SCR	30.0	8	68.2	22.4
THGQ154SCR	32.0	8	68.2	22.4
THGQ202SCR	32.0	8	68.2	22.4

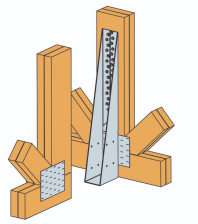
- Performnace values are based upon tests with capacities determined in accordance to BS EN14358.
- Uplift values have been determined by calculation in accordance with the relevant design standard.

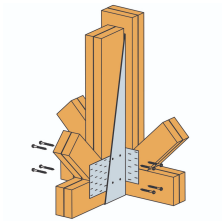
Installation

Installation

- Fill all holes with the specified fasteners to achive published load capacities.
- Multiple ply supporting trusses must be fastened together, as specified by the truss manufacturer, to act as one member.
- The overall thickness of the supporting trusses should be equal to or greater than the length of the SSH screw (60mm).







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