

Declaration of Performance



DoP Number:	DoP-h17/0007

Issue: 1.0

1 Unique Identification Code: GKS

2 *Intended Use:* For use in load bearing timber structures

3 *Manufacturer:* Simpson Strong-Tie Int. Ltd.

For local branch addresses refer to www.strongtie.eu

4 Authorised Representative: N/A

5 System of Assessment: 3

6 Harmonized Standard or European Assessment Document

hEN Number Notified Body Number		ITTR Number
EN 14592:2008+A1:2012	1235	ITTR-17/0007

7 **Declared Performance:** (see also pages 2 and/or 3) NPD = No Performance Determined

Durability

2 di danie					
Material (5) / Corrosion Protection	Service Class				
Electro galvanised – 8 μm	Service Class 2				

Notes:

- (1) EN14592 clause 6.3.4.1 6.3.4.2; Tested to EN 409
- (2) EN14592 clause 6.3.4.3; Tested to EN1382, characteristic timber density 350 kg/m3
- (3) EN14592 clause 6.3.4.4; Tested to EN1383, characteristic timber density 350 kg/m3
- (4) EN14592 clause 6.3.4.4; Tested to EN1383, characteristic timber density 350 kg/m3
- (5) EN14592 clause 6.3.5
- (6) EN14592 clause 6.3.4.6; Tested to EN ISO 10666, characteristic timber density 400kg/m3

8 Appropriate Technical Documentation and/or Specific Technical Documentation

N/A

The performance of the product/s identified above are in conformity with the set of declared performance/s.

This declaration of perfromance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above

Signed for on behalf of the manufacturer by:

Laurent Versluysen

European Managing Director (Sainte Gemme La Plaine, Fr.) 25/10/2017



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SIMPSON Strong-Tie

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Geometry (mm unless otherwise stated)

1.0

	Nominal		Head Diameter	Inner Thread	Thread Length
Size	Diameter - d	Length - L	- dh	Diameter - d1	
6.5x40		40.0			- lg 38.0
6.5x50		50.0			48.0
6.5x60	6.5	60.0	15.0	4.6	58.0
6.5x75		75.0			55.0
6.5x100		100.0			70.0
0.5×100		100.0			70.0



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SIMPSON
Strong-Tie

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Mechanical Strength & Stiffness

1.0

Mechanical Stren	ngth & Stiffness				1.0
Size	Yield Moment - My,k [Nmm] (1)	Withdrawal Parameter - fax,k [N/mm2] (2)	Head Pull Through Parameter - fhead,k [N/mm2] (3)	Characteristic Tensile Capacity - ftens,k [kN] (4)	Torsional ratio (6)
6.5x40]				
6.5x50					
6.5x60	19120	12.6	-	16.4	3.2
6.5x75					
6.5x100					