Declaration of Performance

DoP Number: **DoP-h17/0017**

Issue: 1.0

1 ***Unique Identification Code:*** SWD - Wood Screw

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	1015	ITTR-17/0017

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

Durability

Material (5) / Corrosion Protection	Service Class
Protec+ - 8µm	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 450kg/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:

Michael Andersen

Vice President, European Operations (Sainte Gemme La Plaine, Fr.) 14/03/2019

Declaration of Performance

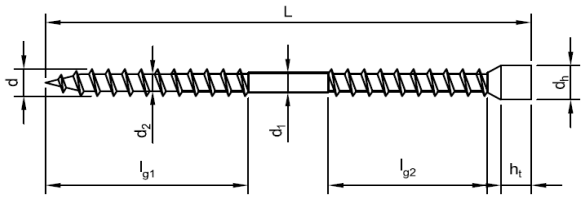
SIMPSON StrongTie

DoP-h17/0017

1.0

Geometry (mm unless otherwise stated)

Size	Nominal Diameter - d	Length - L	Head Diameter - dh	Inner Thread Diameter - d1	Thread Length - lg l_{g1} / l_{g2}
6,5 x 65	6.5	65.0	8.0	4.0	28,0 / 21,5
6,5 x 90		90.0			40,0 / 33,5
6,5 x 130		130.0			40,0 / 33,5
6,5 x 160		160.0			65,0 / 58,5
6,5 x 190		190.0			80,0 / 73,5
6,5 x 220		220.0			95,0 / 88,5
8,0 x 90	7.8	90.0	10.0	5.4	40,0 / 31,5
8,0 x 130		130.0			40,0 / 31,5
8,0 x 160		160.0			65,0 / 56,5
8,0 x 190		190.0			80,0 / 71,5
8,0 x 220		220.0			95,0 / 86,5
8,0 x 245		245.0			107,5 / 99,0
8,0 x 275		275.0			107,5 / 99,0
8,0 x 300		300.0			135,0 / 126,5
8,0 x 330		330.0			135,0 / 126,5



Mechanical Strength & Stiffness

Size	Yield Moment - My,k [Nm] (1)	Withdrawal Parameter - fax,k [N/mm2] (2)	Head Pull Through Parameter - fhead,k [N/mm2] (3)	Characteristic Tensile Capacity - ftens,k [kN] (4) Yield Strength - fy,k [N/mm2]	Torsional ratio (6)
6,5 x 65	14.5	13.0	29.4	14,3 kN 953 N/mm^2	3.0
6,5 x 90					
6,5 x 130					
6,5 x 160					
6,5 x 190					
6,5 x 220					
8,0 x 90	31.2	14.2	38.8	21,9 kN 785 N/mm^2	3.5
8,0 x 130					
8,0 x 160					
8,0 x 190					
8,0 x 220					
8,0 x 245					
8,0 x 275					
8,0 x 300					
8,0 x 330					