



CE Declaration of Performance

Solo Woodscrews



Fully threaded
up to 70mm
thereafter
partially
threaded

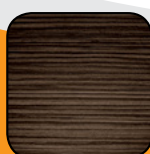
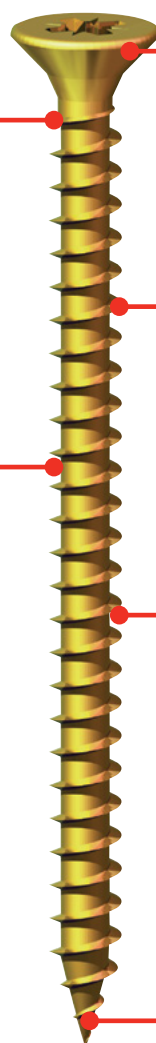
40° deep
single thread

Double
countersunk

Plated in zinc
and yellow
passivated

Lubricated

25° sharp point



Certain
Hardwood



Softwood



PVC u



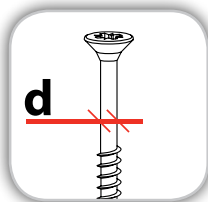
Chipboard

Dimensional & Performance Declaration

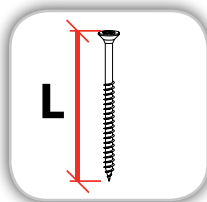
Solo Yellow Cross-Recess Double Countersunk

Size	Nominal diameter d (mm)	Inner thread diameter d1	Total Length L (mm)	Thread Length lg (mm)	Head diameter dh (mm)	Test Report No.	Certificate No.	Characteristic yield moment $M_{y,k}$ (Nmm)	Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²)		Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²)	Characteristic tensile capacity $f_{tens,k}$ (kN)	Characteristic torsional ratio
									Loading across the fibre	Loading along the fiber	Csk		
3.0 x 12	3.0	2.00	12	8.85	6	No. 30-9797/7	E-30-20008-13	1 051	17,99	12,37	45,41	3,11	6,28
3.0 x 15			15	11.85									
3.0 x 17			17	13.85									
3.0 x 20			20	16.85									
3.0 x 25			25	21.85									
3.0 x 30			30	26.85									
3.5 x 12	3.5	2.25	12	8.18	7	No. 30-9797/8	E-30-20009-13	2 873	18,55	11,04	35,55	4,57	2,90
3.5 x 15			15	11.18									
3.5 x 17			17	12.18									
3.5 x 20			20	16.18									
3.5 x 25			25	21.18									
3.5 x 30			30	26.18									
3.5 x 35			35	31.18									
3.5 x 40			40	36.18									
3.5 x 50			50	46.18									
4.0 x 15	4.0	2.50	15	10.83	8	No. 30-9797/9	E-30-20010-13	4 186	17,85	11,52	28,02	5,99	3,45
4.0 x 17			17	12.83									
4.0 x 20			20	15.83									
4.0 x 25			25	20.8									
4.0 x 30			30	25.8									
4.0 x 35			35	32.8									
4.0 x 40			40	35.8									
4.0 x 45			45	40.8									
4.0 x 50			50	45.8									
4.0 x 55			55	50.8									
4.0 x 60			60	55.8									
4.5 x 20	4.0	2.50	20	15.26	9	No. 30-9797/10	E-30-20011-13	5 171	19,42	13,22	27,02	6,75	3,36
4.5 x 30			30	25.26									
4.5 x 35			35	30.26									
4.5 x 40			40	35.26									
4.5 x 45			45	40.26									
4.5 x 50			50	45.26									
4.5 x 60			60	55.26									
4.5 x 70			70	65.26									
4.5 x 80			80	70									
5.0 x 25	5.0	3.10	25	19.6	10	No. 30-9797/11	E-30-20012-13	7 157	18,29	10,12	24,90	9,74	3,86
5.0 x 30			30	24.6									
5.0 x 35			35	29.6									
5.0 x 40			40	34.6									
5.0 x 45			45	39.6									
5.0 x 50			50	44.6									
5.0 x 60			60	54.6									
5.0 x 70			70	64.6									
5.0 x 75			75	70									
5.0 x 80			80	70									
5.0 x 90			90	70									
5.0 x 100			100	70									
6.0 x 40	6.0	3.80	40	33.9	12	No. 30-9797/12	E-30-20013-13	11 810	16,94	10,18	27,70	11,88	2,94
6.0 x 50			50	43.9									
6.0 x 60			60	53.9									
6.0 x 70			70	63.9									
6.0 x 80			80	70									
6.0 x 90			90	70									
6.0 x 100			100	70									
6.0 x 120			120	70									
6.0 x 130			130	70									
6.0 x 150			150	70									

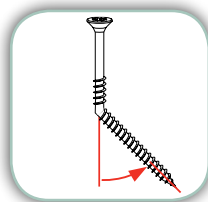
Durability: Service Class 1 acc. To EN1995-1-1)



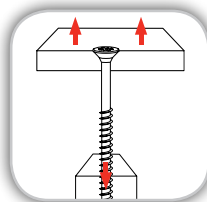
Nominal Diameter



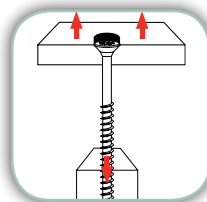
Total Length



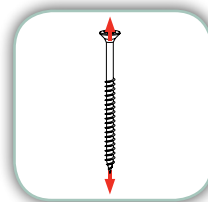
Yield Movement



Withdrawal Parameter



Head Pull-through



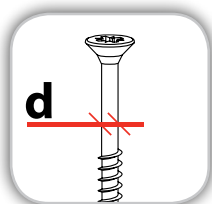
Torsional Ratio

Dimensional & Performance Declaration

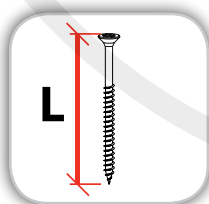
Solo Zinc Cross-Recess Double Countersunk

Size	Nominal diameter d (mm)	Inner thread diameter d1	Total Length L (mm)	Thread Length lg (mm)	Head diameter dh (mm)	Test Report No.	Certificate No.	Characteristic yield moment M_{y,k} (Nmm)	Characteristic withdrawal parameter f_{ax,k} (N/mm ²)		Characteristic head pull-through parameter f_{head,k} (N/mm ²)	Characteristic tensile capacity f_{tens,k} (kN)	Characteristic torsional ratio
									Loading across the fibre	Loading along the fiber	Csk		
3.0 x 12 3.0 x 15	3.0	2.00	12 15	8.85 11.85	6	No. 30-9797/7	E-30-20008-13	1 051	17,99	12,37	45,41	3,11	6,28
3.5 x 15 3.5 x 20 3.5 x 25 3.5 x 30 3.5 x 35 3.5 x 40 3.5 x 50	3.5	2.25	15 20 25 30 35 40 50	11.18 16.18 21.18 26.18 31.18 36.18 46.18	7	No. 30-9797/8	E-30-20009-13	2 873	18,55	11,04	35,55	4,57	2,90
4.0 x 15 4.0 x 17 4.0 x 20 4.0 x 25 4.0 x 30 4.0 x 35 4.0 x 40 4.0 x 45 4.0 x 50 4.0 x 60 4.0 x 70	4.0	2.50	15 17 20 25 30 35 40 45 50 60 70	10.83 12.83 15.83 20.83 25.83 30.83 35.83 40.83 45.83 55.83 65.83	8	No. 30-9797/9	E-30-20010-13	4 186	17,85	11,52	28,02	5,99	3,45
4.5 x 40 4.5 x 45 4.5 x 50 4.5 x 60 4.5 x 70	4.5	2.70	40 45 50 60 70	35.26 40.26 45.26 55.26 65.26	9	No. 30-9797/10	E-30-20011-13	5 171	19,42	13,22	27,02	6,75	3,36
5.0 x 25 5.0 x 30 5.0 x 40 5.0 x 45 5.0 x 50 5.0 x 60 5.0 x 70 5.0 x 80 5.0 x 90 5.0 x 100	5.0	3.10	25 30 40 45 50 60 70 80 90 100	19.6 24.6 34.6 39.6 44.6 54.6 64.6 70 70 70	10	No. 30-9797/11	E-30-20012-13	7 157	18,29	10,12	24,90	9,74	3,86
6.0 x 50 6.0 x 60 6.0 x 80 6.0 x 90 6.0 x 100 6.0 x 120 6.0 x 150	6.0	3.80	50 60 80 90 100 120 150	43.9 53.9 70 70 70 70 70	12	No. 30-9797/12	E-30-20013-13	11 810	16,94	10,18	27,70	11,88	2,94

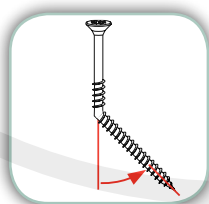
Durability: Service Class 1 acc. To EN1995-1-1)



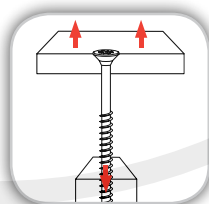
Nominal Diameter



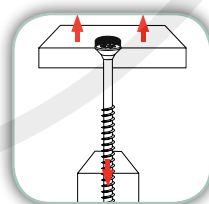
Total Length



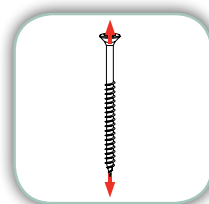
Yield Movement



Withdrawal Parameter



Head Pull-through



Torsional Ratio

TIMco SOLO Woodscrews**DECLARATION OF PERFORMANCE**

DOP2 v2

We here by declare the following designated products

TIMco SOLO Woodscrews
Diameter 3.0mm, 3.5mm, 4.0mm, 4.5mm, 5.0mm, 6.0mm.

Have been tested by the following independant testing organisation:

- Notified Body 1015
Strojirensky Zkusebni Ustav, s.p., Czech Republic

And that they have performed initial type testing under system 3, Annex V of the regulation (EU) no. 305/2011 (Construction Products Regulation), with the reference to the harmonised European standard (hEN) BS EN 14592:2008+A1:2012 (Timber structures - Dowel type fasteners - Requirements) for nails intended for the use in "load bearing timber structures" and produced the calculation/test reports as listed below;

Certificate Number: E-30-20007-13 to E-30-20013-13

Test Report Number: No. 30-9797/1 to No. 30-9797/12.

Factory Process Control (FPC) has been established by the factory and independently audited by TUV Rheinland UK in accordance with ISO9001:2008..

This declaration of conformity is valid until there is a significant change in the product and declared characteristics. ie. raw material or change in production process.

Signed by:

Name: *Simon Midwood*

Position: *Managing Director*

Date: *17.07.2015*

This declaration is the responsibility of the importer

T.I Midwood & Co. Ltd. Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ

