



CE Declaration of Performance

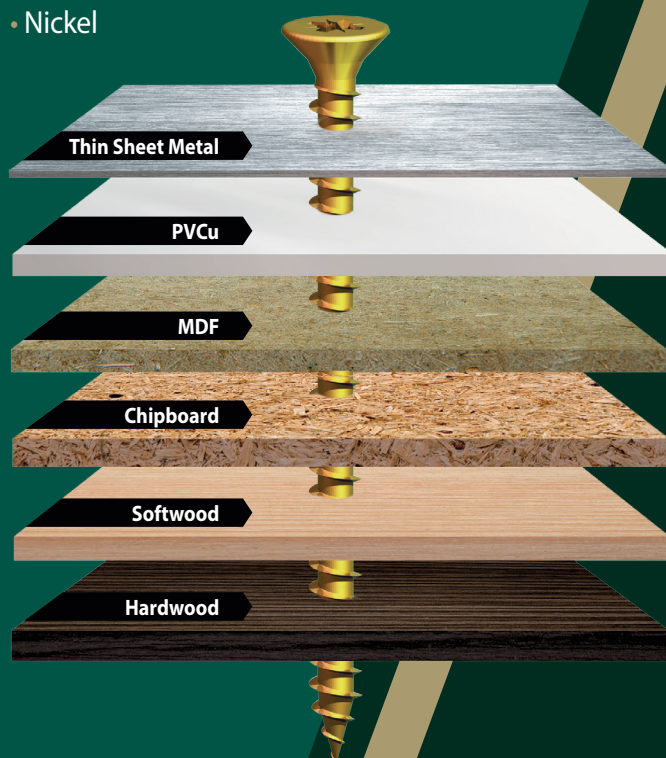
CLASS/C®

MULTI-PURPOSE SCREWS



Available in:

- Zinc & Yellow Passivated
- A2 Stainless Steel
- Black Passivated
- Zinc
- Nickel



Double Countersunk

Reduces the likelihood of head shear and assists completion of countersinking.

Fully Threaded up to 70mm

Thereafter partially threaded.

NEW

Molecular Lubrication

New patented lubrication, designed to enhance screw insertion time and provides greater resistance to corrosion.

40° Deep Single Thread

To provide a secure fixing with high pull-out resistance.

Special Thread Configuration

Gives an ultimate performance and an exceptionally high pull-out resistance.

Surface Hardened

Up to 750 HV to prevent torque shearing under load and a core hardness of up to 450 HV for improved ductility.

Made from C10-22 Steel

Ensures consistent quality and strength. Full batch traceability to the original steel mill certificate.

Plated with...

5 - 8 microns of zinc & yellow passivate to give a high resistance to corrosion.

25° Sharp Point

For easy penetration into wood, MDF, chipboard, plastics and thin sheet metal.

Declaration of Performance

CLASSIC® MULTI-PURPOSE SCREWS

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	Hinge	Pan		
3.0 x 12	3.0	2.00	12	8.9	6	No. 30-9797/7	E-30-20008-13	1 051	17,99	12,37	45,41	56,88	-	3,11	6,28
3.0 x 16			16	12.85											
3.0 x 20			20	16.85											
3.0 x 25			25	21.85											
3.0 x 30			30	26.85											
3.0 x 35			35	31.85											
3.0 x 40			40	36.85											
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	-	45,75	4,57	2,90
3.5 x 16			16	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 45			45	41.18											
3.5 x 50			50	46.18											
4.0 x 12	4.0	2.50	12	7.83	8	No. 30-9797/9	E-30-20010-13	4 186	17,85	11,52	28,02	-	33,61	5,99	3,45
4.0 x 16			16	11.83											
4.0 x 20			20	15.83											
4.0 x 25			25	20.83											
4.0 x 30			30	25.83											
4.0 x 35			35	30.83											
4.0 x 40			40	35.83											
4.0 x 45			45	40.83											
4.0 x 50			50	45.83											
4.0 x 55			55	50.83											
4.0 x 60			60	55.83											
4.0 x 70			70	65.83											
4.0 x 80			80	70.00											
4.5 x 16	4.5	2.70	16	11.26	9	No. 30-9797/10	E-30-20011-13	5 171	19,42	13,22	27,02	-	-	6,75	3,36
4.5 x 20			20	15.26											
4.5 x 25			25	20.26											
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 55			55	50.26											
4.5 x 60			60	55.26											
4.5 x 70			70	65.26											
4.5 x 80			80	70.00											
5.0 x 20	5.0	3.10	20	14.60	10	No. 30-9797/11	E-30-20012-13	7 157	18,29	10,12	24,90	-	-	9,74	3,86
5.0 x 25			25	19.60											
5.0 x 30			30	24.60											
5.0 x 35			35	29.60											
5.0 x 40			40	34.60											
5.0 x 45			45	39.60											
5.0 x 50			50	44.60											
5.0 x 55			55	49.60											
5.0 x 60			60	54.60											
5.0 x 70			70	64.60											
5.0 x 75			75	70.00											
5.0 x 80			80	70.00											
5.0 x 90			90	70.00											
5.0 x 100			100	70.00											
5.0 x 120			120	70.00											
6.0 x 40	6.0	3.80	40	33.91	12	No. 30-9797/12	E-30-20013-13	11 810	16,94	10,18	27,70	-	-	11,88	2,94
6.0 x 45			45	38.91											
6.0 x 50			50	43.91											
6.0 x 60			60	53.91											
6.0 x 70			70	63.91											
6.0 x 80			80	70.00											
6.0 x 90			90	70.00											
6.0 x 100			100	70.00											
6.0 x 120			120	70.00											
6.0 x 130			130	70.00											
6.0 x 150			150	70.00											
6.0 x 180			180	70.00											
6.0 x 200			200	70.00											

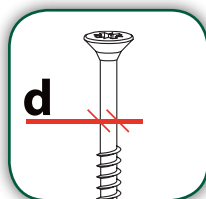
Durability: Service Class 1 acc. To EN1995-1-1)

Declaration of Performance

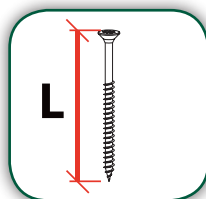
CLASSIC® A2 STAINLESS STEEL SCREWS

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			
3.0 x 12	3.0	2.00	12	8.9	6	No. 30-9797/1	E-30-20002-13	1 212	20,14	12,96	38,56	2,27	2,01
3.0 x 16			16	12.85									
3.0 x 20			20	16.85									
3.0 x 25			25	21.85									
3.0 x 30			30	26.85									
3.0 x 35			35	31.85									
3.0 x 40			40	36.85									
3.5 x 12	3.5	2.25	12	8.18	7	No. 30-9797/2	E-30-20003-13	1 839	17,80	11,58	28,12	2,80	1,81
3.5 x 16			16	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 45	4.0	2.50	45	41.18	8	No. 30-9797/3	E-30-20004-13	2 448	18,62	10,23	24,59	3,38	1,25
3.5 x 50			50	46.18									
4.0 x 12			12	7.83									
4.0 x 16			16	11.83									
4.0 x 20			20	15.83									
4.0 x 25			25	20.83									
4.0 x 30	4.5	2.70	30	25.83	9	No. 30-9797/4	E-30-20005-13	3 426	20,97	11,86	20,56	4,13	1,24
4.0 x 35			35	30.83									
4.0 x 40			40	35.83									
4.0 x 45			45	40.83									
4.0 x 50			50	45.83									
4.0 x 55			55	50.83									
4.0 x 60	5.0	3.10	60	55.83	10	No. 30-9797/5	E-30-20006-13	4 738	20,92	14,08	22,08	5,07	1,23
4.0 x 70			70	65.83									
4.5 x 16			16	11.26									
4.5 x 20			20	15.26									
4.5 x 25			25	20.26									
4.5 x 30			30	25.26									
4.5 x 35	5.0	3.10	35	30.26	10	No. 30-9797/5	E-30-20006-13	4 738	20,92	14,08	22,08	5,07	1,23
4.5 x 40			40	35.26									
4.5 x 45			45	40.26									
4.5 x 50			50	45.26									
4.5 x 55			55	50.26									
4.5 x 60			60	55.26									
4.5 x 70	5.0	3.10	70	65.26	10	No. 30-9797/5	E-30-20006-13	4 738	20,92	14,08	22,08	5,07	1,23
5.0 x 20			20	14.60									
5.0 x 25			25	19.60									
5.0 x 30			30	24.60									
5.0 x 35			35	29.60									
5.0 x 40			40	34.60									
5.0 x 45	6.0	3.80	45	39.60	12	No. 30-9797/6	E-30-20007-13	7 234	18,63	13,05	26,90	5,72	1,41
5.0 x 50			50	44.60									
5.0 x 55			55	49.60									
5.0 x 60			60	54.60									
5.0 x 70			70	64.60									
5.0 x 80			80	70.00									
5.0 x 90	6.0	3.80	90	70.00	12	No. 30-9797/6	E-30-20007-13	7 234	18,63	13,05	26,90	5,72	1,41
5.0 x 100			100	70.00									
6.0 x 40			40	33.91									
6.0 x 50			50	43.91									
6.0 x 60			60	53.91									
6.0 x 70			70	63.91									
6.0 x 80	6.0	3.80	80	70.00	12	No. 30-9797/6	E-30-20007-13	7 234	18,63	13,05	26,90	5,72	1,41
6.0 x 100			100	70.00									

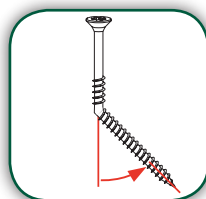
Durability: Service Class 3 acc. To EN1995-1-1)



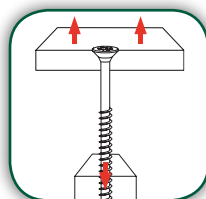
Nominal Diameter



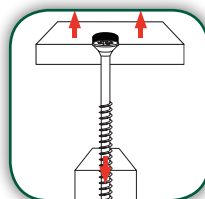
Total Length



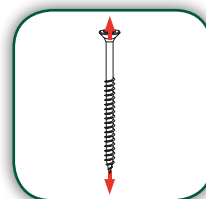
Yield Movement



Withdrawal Parameter



Head Pull-through



Torsional Ratio

TIMco CLASSIC® SCREWS



DECLARATION OF PERFORMANCE

DOP4 v2

We here by declare the following designated products

TIMco Classic Screws
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 and certificates as listed below;

Certificate Number: E-30-20002-13 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: *19.05.2015*

This declaration is the responsibility of the importer

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

