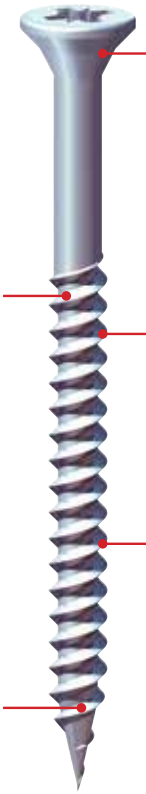
CE Declaration of Performance

Twin-Threaded Woodscrews

Key Features



Patented design.

Double countersunk reduces the likelihood of head shear

60° Twin-threads to reduce both torque and potential for recess damage

Parallel Shank to assist drive

Made from high-grade polished solid brass

35° sabre point allows penetration without the need for pre-drilling

Materials

Certain Hardwood

Softwood

"The best selling twin-threaded woodscrew. Over 7.1 billion sold to date."

Declaration of Performance

Twin-Threaded Cross-Recess

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			
4 x 1/2	2.75	1.70	12.00	9.03	5.4	No.30-9807/1	E-30-20083-13	10403	20,52	9,88	29,33	3,24	4,31
4 x 5/8			16.00	13.03									
4 x 3/4			20.00	17.03									
4 x 1			25.00	22.03									
6 x 1/2	3.5	2.30	12.00	8.46	6.8	No.30-9807/2	E-30-20084-13	2959	18,91	13,80	18,71	4,53	4,53
6 x 5/8			16.00	12.46									
6 x 3/4			20.00	16.46									
6 x 1			25.00	21.46									
6 x 1 1/4			30.00	20.00									
6 x 1 1/2			40.00	26.67									
6 x 1 3/4			45.00	30.00									
6 x 2			50.00	33.33									
7 x 5/8	3.9	2.60	16.00	12.16	7.5	No.30-9807/3	E-30-20085-13	4378	17,97	11,24	17,19	6,92	4,45
7 x 3/4			20.00	16.16									
7 x 1			25.00	21.16									
7 x 1 1/4			30.00	20.00									
7 x 1 1/2			40.00	26.67									
8 x 1/2	4.2	2.70	12.00	7.87	8.2	No.30-9807/4	E-30-20086-13	5576	19,09	10,45	17,25	7,76	2,75
8 x 5/8			16.00	11.87									
8 x 3/4			20.00	15.87									
8 x 1			25.00	20.87									
8 x 1 1/4			30.00	20.00									
8 x 1 1/2			40.00	26.67									
8 x 1 3/4			45.00	30.00									
8 x 2			50.00	33.33									
8 x 2 1/4			57.00	38.00									
8 x 2 1/2			60.00	40.00									
8 x 3			75.00	50.00									
10 x 3/4	4.8	3.25	20.00	15.29	9.5	No.30-9807/5	E-30-20087-13	Unthreaded Section 8513 Threaded Section 11201	20,62	11,97	17,55	8,89	2,32
10 x 1			25.00	20.29									
10 x 1 1/4			30.00	20.00									
10 x 1 1/2			40.00	26.67									
10 x 1 3/4			45.00	30.00									
10 x 2			50.00	33.33									
10 x 2 1/4			57.00	38.00									
10 x 2 1/2			60.00	40.00									
10 x 3			75.00	50.00									
10 x 3 1/2			90.00	60.00									
10 x 4			100.00	66.67									
12 x 1	5.5	3.70	25.00	19.80	11.0	No.30-9807/6	E-30-20088-13	Unthreaded Section 12093 Threaded Section 15711	19,29	14,21	19,39	11,52	2,41
12 x 1 1/4			30.00	20.00									
12 x 1 1/2			40.00	26.67									
12 x 2			50.00	33.33									
12 x 2 1/2			60.00	40.00									
12 x 3			75.00	50.00									
12 x 3 1/2			90.00	60.00									
12 x 4			100.00	66.67									

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

Declaration of Performance
Twin-Threaded Cross-Recess Roundhead

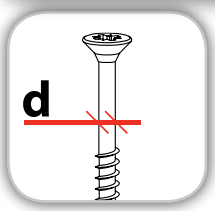
Size	Nominal diameter d (mm)	Inner thread diameter d1	Total Length L (mm)	Thread Length lg (mm)	Head diameter dh (mm)	Test Report No.	Certificate No.	Characteristic yield moment $M_{y,k}$ (Nmm)	Characteristic withdrawal parameter $f_{ax,k}$ (N/mm^2)		Characteristic head pull-through parameter $f_{head,k}$ (N/mm^2)	Characteristic tensile capacity $f_{tens,k}$ (kN)	Characteristic torsional ratio
									Loading across the fibre	Loading along the fiber			
4 x 1/2 4 x 5/8	2.75	1.70	12.00 16.00	12.00 16.00	5.4	No.30-9807/1	E-30-20083-13	10403	20,52	9,88	40,46	3,24	4,31
6 x 1/2 6 x 5/8 6 x 3/4 6 x 1 6 x 1 1/4	3.5	2.30	12.00 16.00 20.00 25.00 30.00	12.00 16.00 20.00 25.00 30.00	6.8	No.30-9807/2	E-30-20084-13	2959	18,91	13,80	33,77	4,53	4,53
8 x 1/2 8 x 5/8 8 x 3/4 8 x 1 8 x 1 1/4 8 x 1 1/2 8 x 2	4.2	2.70	12.00 16.00 20.00 25.00 30.00 40.00 50.00	12.00 16.00 20.00 25.00 20.00 26.67 33.33	8.2	No.30-9807/4	E-30-20086-13	5576	19,09	10,45	27,06	7,76	2,75
10 x 1 10 x 1 1/4 10 x 1 1/2 10 x 2 10 x 2 1/2 10 x 3	4.8	3.25	25.00 30.00 40.00 50.00 60.00 75.00	25.00 20.00 26.67 33.33 40.00 50.00	9.5	No.30-9807/5	E-30-20087-13	Unthreaded Section 8513 Threaded Section 11201	20,62	11,97	25,62	8,89	2,32
12 x 1 12 x 1 1/2 12 x 2	5.5	3.70	25.00 40.00 50.00	25.00 26.67 33.33	11.0	No.30-9807/6	E-30-20088-13	Unthreaded Section 12093 Threaded Section 15711	19,29	14,21	26,90	11,52	2,41

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

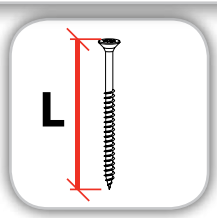
Declaration of Performance
Blackjax™ - Cross-Recess Roundhead

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			
6 x 5/8 6 x 3/4 6 x 1	3.5	2.30	16.00 20.00 25.00	16.00 20.00 25.00	6.8	No.30-9807/2	E-30-20084-13	2959	18,91	13,80	18,71	4,53	4,53
8 x 5/8 8 x 3/4 8 x 1 8 x 1 1/4 8 x 1 1/2 8 x 2	4.2	2.70	16.00 20.00 25.00 30.00 40.00 50.00	16.00 20.00 25.00 20.00 26.67 33.33	8.2	No.30-9807/4	E-30-20086-13	5576	19,09	10,45	17,25	7,76	2,75
10 x 1 10 x 1 1/2 10 x 2	4.8	3.25	25.00 40.00 50.00	25.00 26.67 33.33	9.5	No.30-9807/5	E-30-20087-13	Unthreaded Section 12093 Threaded Section 15711	20,62	11,97	17,55	8,89	2,32

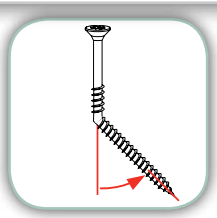
Durability: Service Class 1 acc. To EN1995-1-1)

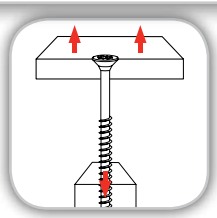


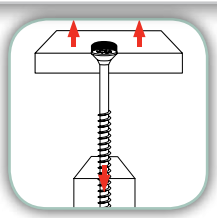
Nominal Diameter

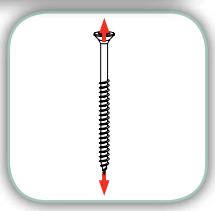


Total Length


Yield Movement


Withdrawral Parameter


Head Pull-through


Torsional Ratio

TIMco Twin-Threaded Woodscrews

CE

DECLARATION OF PERFORMANCE

DOP6 v2

We here by declare the following designated products

TIMco Twin-Threaded Woodscrews
Diameter #4, #6, #7, #8, #10, #12.

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 ISO 9001:2008..

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 & Location: *11. 06 . 2013*
TIMco House, CW5 6BJ

This declaration is the responsibility of the importer
T.I Midwood & Co. Ltd. Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ