

TIMco Coach Screws DIN571



DECLARATION OF PERFORMANCE

DOP7 v2

We here by declare the following designated products
TIMco Coach Screws DIN571
Diameter 6.0mm, 8.0mm, 10.0mm, 12.0mm

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-30-20414-13, E-30-20405-13, E-30-20406-13, E-30-20407-13.

Test Report Number: No. 30-9915/1 to No. 30-9915/4.

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 & Location: *29. 07. 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



Declaration Of Performance

TIMco Coach Screw DIN571 - Zinc

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
								Thread Section	Smooth Section	Loading across the fibre	Loading along the fiber			
6 x 25	6.0	4.2	25	15	10.0	No. 30-9915/1	E-30-20414-13	11 166	18 366	16,64	10,45	24,27	9.9	1,87*
6 x 30			30	18										
6 x 40			40	24										
6 x 50			50	30										
6 x 60			60	36										
6 x 65			65	39										
6 x 70			70	42										
6 x 75			75	45										
6 x 80			80	48										
6 x 100	100	60												
8 x 30	8.0	5.6	30	18	13.0	No. 30-9915/2	E-30-20405-13	22 852	41 589	13,91	8,52	22,20	16,21	1,50*
8 x 40			40	24										
8 x 50			50	30										
8 x 60			60	36										
8 x 65			65	39										
8 x 70			70	42										
8 x 75			75	45										
8 x 80			80	48										
8 x 90			90	54										
8 x 100			100	60										
8 x 150	150	90												
10 x 40	10.0	7.0	40	24	17.0	No. 30-9915/3	E-30-20406-13	42 887	89 040	12,47	10,04	22,13	26,45	2,18*
10 x 50			50	30										
10 x 60			60	36										
10 x 70			70	42										
10 x 75			75	45										
10 x 80			80	48										
10 x 100			100	60										
10 x 120			120	72										
10 x 130			130	78										
10 x 150			150	90										
10 x 200	200	120												
12 x 50	12.0	9.0	50	30	19.0	No. 30-9915/4	E-30-20407-13	82 789	147 141	12,24	9,81	21,12	40,37	2,11*
12 x 75			75	45										
12 x 80			80	48										
12 x 100			100	60										
12 x 150			150	90										

Declaration Of Performance

TIMco Coach Screw DIN571 - Green

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
								Thread Section	Smooth Section	Loading across the fibre	Loading along the fiber			
6 x 40	6.0	4.2	25	15	10.0	No. 30-9915/1	E-30-20414-13	11 166	18 366	16,64	10,45	24,27	9.9	1,87*
6 x 50			50	30										
6 x 75			75	45										
8 x 50	8.0	5.6	50	30	13.0	No. 30-9915/2	E-30-20405-13	22 852	41 589	13,91	8,52	22,20	16,21	1,50*
8 x 75			75	45										
8 x 100			100	60										
8 x 120			120	72										
10 x 100	10.0	7.0	75	60	17.0	No. 30-9915/3	E-30-20406-13	42 887	89 040	12,47	10,04	22,13	26,45	2,18*
10 x 150			80	90										