

00571101

Issued in accordance with the Construction Products Regulation (CPR) 305/2011/EU.
 pgb-Europe nv hereby declares that the products mentioned below comply with the requirements of:

EN 14592 2008+A1 2012 – Timber structures - Dowel-type fasteners

1. *Unique identification code of the product-type:*
DIN 571 / 00571...A2
2. *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
see annex 1 to this document
3. *Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:*

Generic type:	Hexagon coach screws, DIN 571
Material:	Stainless steel AISI 304 Class A2-50, according to EN ISO 3506-1
Service class:	Service class 1, 2 and 3 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Screws for load-bearing timber structures

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):*
pgb-Europe nv – Gontrode Heirweg 170 – 9090 Melle – Belgium
5. *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):*
NOT RELEVANT
6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
System 3
7. *In case of the declaration of performance concerning a construction product covered by a harmonized*

standard: EN 14592:2008 +A1-2012
performed by: HFB Engineering GMBH
 Zschortauer Straße 42
 04129 Leipzig
under system: 3
and issued: Initial Type Test report n° 311002204/1/2014 ¹ and 311002282/1/2015 ²

8. *In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:*
NOT RELEVANT

¹ For ϕ 6->10mm

² For ϕ 12mm

9. Declared performance:

Essential characteristics		Performance				
		Ø 6	Ø 7	Ø 8	Ø 10	Ø 12
Characteristic yield moment $M_{v,k}$	[Nmm]	11500	14800	30100	51000	80100
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	13,9	15,8	9,5	7,8	8,3
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	24,9	14,4	18,3	25,4	17,2
Characteristic tensile capacity $f_{tens,k}$	[kN]	12,8	14,7	21,9	34,8	54,8
Characteristic torsional strength $f_{tor,k}$	[Nm]	11,7	16,2	32,2	-	101
Characteristic torsional resistance $R_{tor,k}$	[Nm]	6,3	10,6	16,5	21,4	41,3
Characteristic torsional ratio	[-]	1,9	1,5	1,9	-	2,4

Tested according to Harmonized Technical Specification EN 14592 2008+A1:2012.

Timber for testing was conditioned at the temperature of 20°C and humidity of 65%. Wood density ρ_k 450 kg/m³

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Place and date of issue	Signature	
Melle, 25/03/2015	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 

Annex 1 : Product overview

00571,06020 A2	00571,07160 A2	00571,10090 A2
00571,06025 A2	00571,07170 A2	00571,10100 A2
00571,06030 A2	00571,07180 A2	00571,10110 A2
00571,06035 A2	00571,07190 A2	00571,10120 A2
00571,06040 A2	00571,07200 A2	00571,10130 A2
00571,06045 A2	00571,08025 A2	00571,10140 A2
00571,06050 A2	00571,08030 A2	00571,10150 A2
00571,06055 A2	00571,08035 A2	00571,10160 A2
00571,06060 A2	00571,08040 A2	00571,10180 A2
00571,06065 A2	00571,08045 A2	00571,10200 A2
00571,06070 A2	00571,08050 A2	00571,10220 A2
00571,06075 A2	00571,08055 A2	00571,10240 A2
00571,06080 A2	00571,08060 A2	00571,12050 A2
00571,06090 A2	00571,08065 A2	00571,12055 A2
00571,06100 A2	00571,08070 A2	00571,12060 A2
00571,06110 A2	00571,08075 A2	00571,12065 A2
00571,06120 A2	00571,08080 A2	00571,12070 A2
00571,06130 A2	00571,08090 A2	00571,12075 A2
00571,06140 A2	00571,08100 A2	00571,12080 A2
00571,06180 A2	00571,08110 A2	00571,12090 A2
00571,06200 A2	00571,08120 A2	00571,12100 A2
00571,07030 A2	00571,08130 A2	00571,12110 A2
00571,07035 A2	00571,08140 A2	00571,12120 A2
00571,07040 A2	00571,08150 A2	00571,12130 A2
00571,07045 A2	00571,08160 A2	00571,12140 A2
00571,07050 A2	00571,08180 A2	00571,12150 A2
00571,07055 A2	00571,08200 A2	00571,12160 A2
00571,07060 A2	00571,08220 A2	00571,12180 A2
00571,07065 A2	00571,10030 A2	00571,12200 A2
00571,07070 A2	00571,10035 A2	00571,12220 A2
00571,07075 A2	00571,10040 A2	00571,12240 A2
00571,07080 A2	00571,10045 A2	00571,12250 A2
00571,07090 A2	00571,10050 A2	00571,12260 A2
00571,07100 A2	00571,10055 A2	00571,12280 A2
00571,07110 A2	00571,10060 A2	00571,12300 A2
00571,07120 A2	00571,10065 A2	-----
00571,07130 A2	00571,10070 A2	GM571,07110 A2
00571,07140 A2	00571,10075 A2	GM571,07130 A2
00571,07150 A2	00571,10080 A2	