



DECLARATION OF PERFORMANCES



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DIN 603-CS (EN)

1. Unique identification code of the product-type:

Carriage bolt PGB : DIN 603 Z – DIN 603 ZZ
Replace DOP 00603001

2. Intended use(s) :

Product	Intended use
Carriage bolt according to DIN 603	Screws for load-bearing timber structures

3. Manufacturer:

pgb-Europe nv – Gontrode Heirweg 170 – 9090 Melle – Belgium

4. AVCP system:

System 3

5. Harmonized norm and notified body:

Norm: EN 14592:2008+A1:2012
Report: Initial Type Test report n° 311002205/1/2014
Performed by: HFB Engineering GMBH - Zschortauer Straße 42 - 04129 Leipzig
Notified body : CE 1034

6. Declared performances :

See next pages

The performances of the product identified above are in conformity with the declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified above in accordance with the EU Construction Product Regulation N° 305/2011.



Place and date of issue	Signed for and on behalf of the manufacturer by	
Melle, 03/01/2024	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 





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Declared performances:

Generic type:	Hexagon coach screws, DIN 603
Material:	Carbon steel class 4.8 according to EN ISO 898-1
Corrosion protection:	Zinc plating Cr3+, minimum 5 µm above class 24 Blacktop (zinc plating + black surface treatment)
Service class:	Service class 1 according to EN 1995-1-1 (Zp) Service class 1, 2 according to EN 1995-1-1 (Blacktop)
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Screws for load-bearing timber structures

Essential characteristics		Performance			
		M 6	M 8	M 10	M 12
Characteristic yield moment $M_{y,k}$	[Nmm]	9000	22500	42700	82500

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

