



# Declaration of Performance

DoP



**VORMANN**  
SCHARNIERE · BESCHLÄGE

DoP Nr: DoP – 017

- Type of product:** Disc dowel with teeth (EN 912)
- Intended use:** Wood connector elements for timber products for load-bearing applications - C1
- Manufacturer:** August Vormann GmbH Co. KG  
Heilenbecker Straße 191 – 205  
DE-58256 Ennepetal
- Authorised representative:** not applicable
- System of constancy of performance:** 2+
- Harmonised standard:** EN 14545:2008
- Notified Body:** Karlsruhe Institute of Technology (KIT), NB-Nr. 0769 has made the first inspection of the factory, the factory production control and also the continuing surveillance, assessment and evaluation under system 2+ and issued: certificate of conformity of the factory production control 0769-CPR-6266/01
- Declared performance:**

Essential characteristics	Performance		Technical Specification
<b>Measurements</b> - Diameter $d_c$ (mm)	50	62	EN 912
<b>Mechanical resistance and stability</b> - Characteristic load carrying $R_{c,k}$ [kN]	6,36	8,78	EN 14545 paragraph 6.1.3; EN 13271
- Slip modul $K_{ser}$ [N/mm]	5250	6510	EN 14545 paragraph 6.1.3; EN 13271
<b>Durability</b>	- steel, galvanized: Z275		Usage classes 1 & 2 acc. EN1995-1-1, EN 10346
<b>Material, Steel grade</b>	- DX51D - S250GD		EN 10346

- The performance of the above product corresponds to the declared performance(s). The manufacturer named above is solely responsible for preparing the declaration of performance in accordance with Regulation (EU) No. 305 / 2011.

Signed for and on behalf of the manufacturer by:

  
**Thomas Vormann**  
Managing Director

Elsterwerda, 20th June 2022