

## DECLARATION OF PERFORMANCE

### DoP UK-W0017

for fischer wood nails FF NP / FF NFP (round cross section nail)

UK

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| 1. <u>Unique identification code of the product-type:</u> | <b>DoP UK-W0017</b>  |
| 2. <u>Intended use/es:</u>                                | <b>Dowel-type timber fastener for structural timber products</b>                       |
| 3. <u>Manufacturer:</u>                                   | <b>fischerwerke GmbH &amp; Co. KG, Klaus-Fischer-Str. 1, 72178 Waldachtal, Germany</b> |
| 4. <u>Authorised representative:</u>                      | <b>-</b>   |
| 5. <u>System/s of AVCP:</u>                               | <b>3</b>   |
| 6. <u>Harmonised standard:</u>                            | <b>EN 14592:2008 +A1:2012</b>  |
| <u>Notified body/ies:</u>                                 | <b>1020, TZUS-Technical and Test Institute for Construction Prague</b>                 |

7. Declared performance/s:

Dimensions:		d= 2,8 mm	d= 3,1 mm
Length:	[mm]	51, 63, 75, 90	51, 63, 75, 90
Head type:	[-]	D	D
Length of Non-threaded part:	[mm]	19,0 ± 1,0	19,0 ± 1,0
Head Diameter:	[mm]	6,8 - 7,0	7,0 - 7,2
Head Thickness:	[mm]	1,0 - 1,2	1,3 - 1,5
Point angle:	[°]	40	40

Material and corrosion protection: Carbon steel, Bright Basic			d= 2,8 mm	d= 2,8 mm	d= 3,1 mm	d= 3,1 mm	Harmonised standard:
Length:	[mm]		51, 63, 75	51, 63, 75	63, 75, 90	63, 75, 90	EN 14592:2008+A1:2012
Shank type:	[-]		smooth	ring	smooth	ring	
Characteristic yield moment:	M <sub>y,k</sub>	[Nmm]	4307	4321	5432	5729	
Characteristic withdrawal parameter: <sup>1)</sup>	f <sub>ax,k</sub>	[N/mm <sup>2</sup> ]	2,62	9,46	2,94	9,82	
Characteristic head pull-through parameter: <sup>1)</sup>	f <sub>head,k</sub>	[N/mm <sup>2</sup> ]	13,12	13,12	14,03	14,03	
Characteristic tensile capacity:	f <sub>tens,k</sub>	[kN]	NPD	NPD	NPD	NPD	
Durability service class EN1995-1-1:	[-]		1	1	1	1	

<sup>1)</sup> Characteristic wood density: 430 kg/m<sup>3</sup>

Material and corrosion protection: Carbon steel, galvanized (12 µm)			d= 2,8 mm	d= 2,8 mm	d= 3,1 mm	d= 3,1 mm	Harmonised standard:
Length:	[mm]		51, 63, 75	51, 63, 75	63, 75, 90	63, 75, 90	EN 14592:2008+A1:2012
Shank type:	[-]		smooth	ring	smooth	ring	
Characteristic yield moment:	M <sub>y,k</sub>	[Nmm]	4307	4321	5432	5729	
Characteristic withdrawal parameter: <sup>1)</sup>	f <sub>ax,k</sub>	[N/mm <sup>2</sup> ]	2,62	9,14	2,94	9,53	
Characteristic head pull-through parameter: <sup>1)</sup>	f <sub>head,k</sub>	[N/mm <sup>2</sup> ]	13,12	13,12	14,03	14,03	
Characteristic tensile capacity:	f <sub>tens,k</sub>	[kN]	NPD	NPD	NPD	NPD	
Durability service class EN1995-1-1:	[-]		1, 2	1, 2	1, 2	1, 2	

<sup>1)</sup> Characteristic wood density: 430 kg/m<sup>3</sup>

Material and corrosion protection: Carbon steel, hot dip galvanized (43 µm)			d= 2,8 mm	d= 2,8 mm	d= 3,1 mm	d= 3,1 mm	Harmonised standard:
Length:	[mm]		51, 63, 75	51, 63, 75	63, 75, 90	63, 75, 90	EN 14592:2008+A1:2012
Shank type:	[-]		smooth	ring	smooth	ring	
Characteristic yield moment:	M <sub>y,k</sub>	[Nmm]	4307	4321	5432	5729	
Characteristic withdrawal parameter: <sup>1)</sup>	f <sub>ax,k</sub>	[N/mm <sup>2</sup> ]	2,62	8,64	2,94	10,36	
Characteristic head pull-through parameter: <sup>1)</sup>	f <sub>head,k</sub>	[N/mm <sup>2</sup> ]	13,12	13,12	14,03	14,03	
Characteristic tensile capacity:	f <sub>tens,k</sub>	[kN]	NPD	NPD	NPD	NPD	
Durability service class EN1995-1-1:	[-]		1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	

<sup>1)</sup> Characteristic wood density: 430 kg/m<sup>3</sup>

Material and corrosion protection: stainless steel (304)			d= 2,8 mm	d= 2,8 mm	d= 3,1 mm	d= 3,1 mm	Harmonised standard:
Length:	[mm]		51, 63, 75	51, 63, 75	63, 75, 90	63, 75, 90	EN 14592:2008+A1:2012
Shank type:	[-]		smooth	ring	smooth	ring	
Characteristic yield moment:	M <sub>y,k</sub>	[Nmm]	4190	4225	5423	5506	
Characteristic withdrawal parameter: <sup>1)</sup>	f <sub>ax,k</sub>	[N/mm <sup>2</sup> ]	2,62	9,13	2,94	6,43	
Characteristic head pull-through parameter: <sup>1)</sup>	f <sub>head,k</sub>	[N/mm <sup>2</sup> ]	13,12	13,12	14,03	14,03	
Characteristic tensile capacity:	f <sub>tens,k</sub>	[kN]	NPD	NPD	NPD	NPD	
Durability service class EN1995-1-1:	[-]		1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	

<sup>1)</sup> Characteristic wood density: 430 kg/m<sup>3</sup>

8. Appropriate Technical Documentation and/or Specific Technical Documentation: -

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Dr. Oliver Geibig, Managing Director Business Units & Engineering  
Tumlingen, 2023-01-10



Jürgen Grün, Managing Director Chemistry & Quality