

DECLARATION OF PERFORMANCE

DoP W0021

for fischer ClassicFast II Screw

EN

1. Unique identification code of the product-type: DoP W0021
2. Intended use/es: Dowel- type timber fastener for structural timber products.
3. Manufacturer: fischerwerke GmbH & Co. KG, Klaus-Fischer-Str. 1, 72178 Waldachtal, Germany
4. Authorised representative: -
5. System/s of AVCP: 3
6. Harmonised standard: EN 14592:2008 +A1:2012
ITT reports: CPR-J-00479-24, CPR-J-00892-24, CPR-J-00480-24, CPR-J-00481-24, CPR-J-00482-24, CPR-J-00483-24
- Notified body/ies: 1015, Strojírenský zkušební ústav, s. p.
7. Declared performance/s:
Mechanical resistance and stability (BWR 1)
- Material and corrosion protection: Blue Zinc Coating: min 5 µm
Dimensions: Annex 1

	d= 3,0 mm	d= 3,5 mm	d= 4,0 mm	d= 4,5 mm	d= 5 mm	d= 6 mm
Characteristic yield moment: [Nmm]	1689	2076	2449	3851	5275 (thread) 6850 (smooth)	8838 (thread) 12639 (smooth)
Characteristic withdrawal parameter:						
perpendicular to the grain [N/mm ²]	17.55	17.88	17.68	17.45	16.98	16.64
parallel to the grain [N/mm ²]	15.19	14.65	13.05	13.12	13.21	13.13
Characteristic wood density: [kg/m ³]	350	350	350	350	350	350
Characteristic head pullthrough parameter: [N/mm ²]	27.41	25.14	25.47	24.25	23.42	22.90
Characteristic wood density: [kg/m ³]	350	350	350	350	350	350
Characteristic tensile capacity: [kN]	3.38	3.98	6.1	7.87	9.02	12.97
Characteristic torsional ratio: [-]	4.88	3.31	2.69	2.94	2.73	3.82
Characteristic wood density: [kg/m ³]	450	450	450	450	450	450
Durability service class EN1995-1-1: [-]	1	1	1	1-2	1-2	1-2

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, 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, 2024-05-27

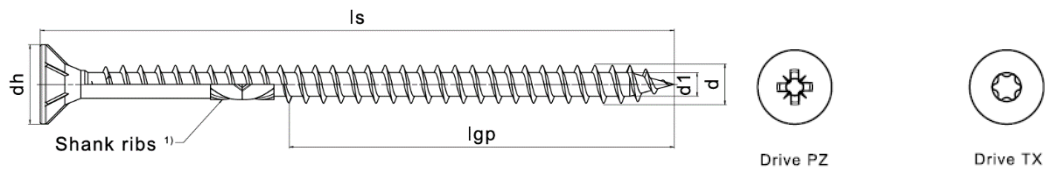


Jürgen Grün, Managing Director Chemistry & Quality

This DoP has been prepared in different languages. In case there is a dispute on the interpretation the English version shall always prevail.

The Appendix includes voluntary and complementary information in English language exceeding the (language-neutrally specified) legal requirements.

ClassicFast II - Self-drilling screw - Countersunk head with full- or partial thread



¹⁾optional

Figure not to scale

- Carbon Steel
- Possible surface treatments: Blue Zinc plating

Nominal diameter		3,0	3,5	4,0	4,5	5,0	6,0						
d	Outer thread diameter	3,00	3,50	4,00	4,50	5,00	6,00						
d _i	Inner thread diameter	1,90	2,10	2,40	2,60	3,00	3,70						
d _h	Head diameter	5,80	6,80	7,80	8,80	9,80	11,70						
Drive TX		10	10	20	20	20	30						
Drive PZ		1	2	2	2	2	3						
Screw length l _s		Standard thread length l _{gf} = Full thread l _{gp} =Partial thread											
Nominal length		l _{gf}	l _{gp}	l _{gf}	l _{gp}	l _{gf}	l _{gp}	l _{gf}	l _{gp}	l _{gf}	l _{gp}	l _{gf}	l _{gp}
16		12											
20		16		16									
25		21	18	21	18	20	18	20					
30		26	18	26	18	25	18	25	18	24	18		
35		31	24	31	24	30	24	30	24	29	24	28	
40		36	28	36	28	35	28	35	28	34	28	33	28
45		41	30	41	30	40	30	40	30	39	30	38	30
50				46	30	45	30	45	30	44	30	43	30
55						50	36	50	36	49	36	48	36
60						55	36	55	36	54	36	53	36
70							42	65	42	64	42	63	42
80							45	75	45	74	45	73	45
90										84	54	83	54
100											60	93	60
110											70		70
120											70		70
in steps of 10mm													
130-300													70

All sizes in mm