

Declaration of Performance DoP 300/2013 (V6)

SPUN[®]+, CLIMATE[®]-G3 - Multi purpose screw

NKT
FASTENERS

To visualize previous versions click on relevant link : http://www.itwcp-techdocs.eu/DoP/Archive/DOP300_V5/DOP_300_English_V5.pdf

1. Product type: Screws for load-bearing timber structures
2. Identification: NKT Fasteners & Paslode screws
3. Intended use: For load-bearing wooden structures
4. System of assessment: 3
5. Notified body / Test laboratory:

Manufacturer contact address:

ITW Construction Products ApS
Gl. Banegaardsvej 25
DK-5500 Middelfart

Danish Technological
Institute
no. 1235
Gregersensvej 1
DK-2630 Taastrup

VHT Versuchsanstalt für Holz und
Trockenbau
no. 1503
Annastrasse 18
DE-64285 Darmstadt

Strojirensky zkusebni ustav, s.p.
no. 1015
Tovarni 5
CZE-466 21 JABLONEC nad Nisou

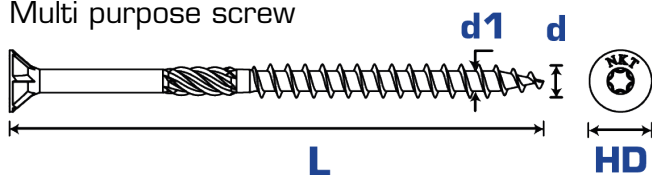
6. The performance of the products is in conformity with the declared performance in the below table.
7. Characteristic values are calculated or tested according to EN 14592:2008+A1:2012.

This Declaration of Performance is issued under the sole responsibility of the manufacturer identified above.

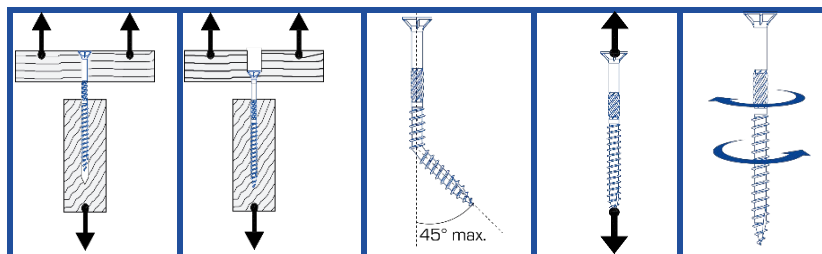
Signed for and on behalf of the manufacturer by:

Flemming Sørensen
Technical Manager
Middelfart, 20.06.2020

SPUN[®]+, CLIMATE[®]-G3
Multi purpose screw



Service Class:	3
Symbol	
C-class	C4H/C5M
Corrosion protection	CLIMATE-G3
Material:	AISI 1022
Steel standard	ASTM A510



Nominal diameter d [mm]	Length L [mm]	Core diameter d1 [mm]	Head diameter HD [mm]	Withdrawal strength f _{ax,k} ,k [N/mm ²]	Head pull through f _{head,k} ,k [N/mm ²]	Yield moment M _{y,k} ,k [Nmm]	Tensile strength f _{tens,k} ,k [kN]	Torsional ratio f _{tor,k} /R _{tor,k}
3,0	<= 40	1,8	6,0	10	12	1600	3,3	2,7
3,5	<= 50	2,3	6,8	10	12	2000	2,8	1,7
4,0	<= 70	2,5	8,0	11,7	13,1	2900	5,3	2,4
4,5	<= 70	2,8	8,5	9,9	15	4400	6,7	3,1
5,0	<= 150	3,2	9,6	10,4	12,5	6100	8,5	2,5
6,0	<= 240	3,9	11,4	10,3	10,5	10900	14	3,1

The declared values according to EN 14592:2008 + A1:2012. f_{ax,k} and f_{head,k} are tested at a characteristic wood density of 350 kg/m³; torsional ratio at a characteristic wood density of 450 kg/m³.