

DECLARATION OF PERFORMANCE

Regulation (EU) no 305/2011

KKT_DOP_14592

1. Unique identification code of the product-type:

KKT5 - KKT6

2. Intended use/es:

Self-tapping screw to be used for structural connections in timber constructions

3. Manufacturer:

ROTHO BLAAS srl - via dell'Adige 2/1 - 39040 Cortaccia (BZ) - Italy

5. System/s of AVCP:

System 3

6a. Harmonised standard:

EN 14592:2008 + A1:2012

Notified Body/ies:

HFB Engineering GmbH - Leipzig (No. 1034)

7. Declared performance/s:

see next page

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:



Luca Sestigiani

Technical Director

Cortaccia, 05/07/2022

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7. Declared performance/s:

Essential characteristics			Performance/s						Technical specification
PRODUCT-TYPE			KKT 5	KKT 6	-	-	-	-	
			-	-	-	-	-	-	
			-	-	-	-	-	-	
Characteristic yield moment	M _{y,k}	Nm	8,42	9,97	-	-	-	-	
Characteristic withdrawal parameter	f _{ax,k}	N/mm ²	14,7	14,7	-	-	-	-	
	ρ _k	kg/m ³	400	400	-	-	-	-	
Characteristic head pull-through parameter	f _{head,k}	N/mm ²	68,8	20,1	-	-	-	-	
	ρ _k	kg/m ³	730	350	-	-	-	-	
Characteristic tensile strength	f _{tens,k}	kN	9,60	14,50	-	-	-	-	
Charateristic torsional ratio	f _{tor,k} / R _{tor,MW}		≥ 1,5	≥ 1,5	-	-	-	-	
	ρ _k	kg/m ³	435	460	-	-	-	-	
Material			Carbon Steel (EN 10016-2)						
Corrosion protection			Painted galvanized coating equivalent to electroplate d zinc coating Fe/Zn 25c	-	-	-	-	-	
Durability			Service Class 1 - 2 - 3						

Head diameter	d_h	mm	6,75	7,75	-	-	-	-
Inner threaded diameter	d_1	mm	3,40	3,90	-	-	-	-
Threaded length	L_g	mm	36	40	-	-	-	-
	L	mm	40	60	-	-	-	-
	L_g	mm	25	50	-	-	-	-
	L	mm	43	80	-	-	-	-
	L_g	mm	35	50	-	-	-	-
	L	mm	53	100	-	-	-	-
	L_g	mm	40	60	-	-	-	-
	L	mm	60	120	-	-	-	-
	L_g	mm	50	-	-	-	-	-
	L	mm	70	-	-	-	-	-
	L_g	mm	53	-	-	-	-	-
	L	mm	80	-	-	-	-	-
	L_g	mm	-	-	-	-	-	-
	L	mm	-	-	-	-	-	-
	L_g	mm	-	-	-	-	-	-
	L	mm	-	-	-	-	-	-