

Declaration of Performance LE121C

according to Regulation (EU) no. 305/2011

Allgemeine Angaben								
Unique identification code of the product-type	Stardrive, Spanplattenschrauben, SP, Stardrive GPR®, RAPID®							
Tracking number	Et. Nr. _____ see label							
Intended use	Screws as timber fasteners for load-carrying timber structures							
Manufacturer	Schmid Schrauben Hainfeld GmbH, A-3170 Hainfeld, Landstal 10, www.schrauben.at							
AVCP-System	3							
European assessment document	EN 14592:2008 + A1:2012-05							
Notified body for the ITT reports	• Engineering Test Institute Hudcova							
	• Testing Laboratory No. 1045.1							
erklärte Leistungen								
Essential characteristics	Unit	Performance						Technical specification
Identification code		Stardrive, Spanplattenschr., SP, Stardrive GPR®, RAPID®		Stardrive, Spanplattenschrauben, SP				
Dimension d	mm	Ø 3,0	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0	
Characteristic tensile strength $f_{tens,k}$	kN	2.4	3.5	4.5	5.2	7.6	10.4	EN 14592
Characteristic yield moment $M_{y,k}$	Nm	1.0	1.6	2.9	4.4	5.8	9.1	EN 14592
Characteristic withdrawal parameter $f_{ax,k,90^\circ}$	N/mm ²	13.3	13.3	13.3	12.4	11.5	10.9	EN 14592
Characteristic torsional strength $f_{tor,k}$	Nm	1.3	1.7	2.3	3.7	5.1	9.0	EN 14592
Corrosion protection use class	Service class	I	I	I	II	II	II	EN 1995-1-1:11.2004
Head diameter d_k Countersunk head	mm	Ø 6,0	Ø 7,0	Ø 8,0	Ø 9,0	Ø 10,0	Ø 12,0	
Characteristic head pull-through parameter $f_{head 90^\circ,k}$	N/mm ²	18.0	16.5	15.4	15.8	13.1	13.1	EN 14592
Head diameter d_k Pan Head head	mm	Ø 6,0	Ø 7,0	Ø 8,0	Ø 9,0	Ø 10,0	Ø 12,0	
Characteristic head pull-through parameter $f_{head 180^\circ,k}$	N/mm ²	20.0	20.0	19.3	17.5	15.0	15.0	EN 14592
Characteristic gross wood density for screw pull-out and head pull-through	kg/m ³	350	350	350	350	350	350	EN 14592

The performance of the above-mentioned products is in conformity with the performance declared.

The above-mentioned manufacturer is solely responsible for the preparation of the declaration of performance in accordance with Regulation (EU) No 305/2011.

Signed for the manufacturer on the manufacturer's behalf:



Dr. Johann Scheibenreiter

Hainfeld, 18.05.2022

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