

Declaration of performance

Angle bracket screw/Wood connector screw (external) for wood stud



Applications: Angle bracket screw/Wood connector screw for fittings in wood constructions.

Manufacturer:
Västsvensk Byggskruv AB
Vävlagargatan 7, SE-507 30 Brämhult
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vsbyggskruv.se



Type testing: RISE (Research Institutes of Sweden AB) NB 0402, has performed initial type testing, according to the harmonized standard SS-EN14592: 2008+A1:2012; Wood constructions - Dowel-type fasteners made of steel. System of assessment and continuous monitoring of performance: System 3.

PERFORMANCE

ESSENTIAL CAPACITY	PERFORMANCE		REPORT
	32 mm	40 mm	
Characteristic yield moment $M_{y,k}$ (Nmm)	6 040	6 040	RISE 124747 2021.04.06
Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) in wood with characteristic density 350 Kg/m ³	10,3	14,2	SP PX12718 2012.04.12 SP 5P00622 2015.01.26
Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²) in wood with characteristic density 350 Kg/m ³	NPD	NPD	SP PX12718 2012.04.12
Characteristic tensile capacity $f_{tens,k}$ (kN)	9,1	9,1	RISE 124747 2021.04.06
Characteristic torsional ratio $f_{tor,k}/R_{tor,k}$ in wood with characteristic density 350 Kg/m ³	8,7	8,7	SP PX12718 2012.04.12 RISE 124747 2021.04.06
DURABILITY	Climate class 3 (according to EN 1995-1-1)		SP PX14769 2011.10.20

The performance of the product above is consistent with the specified performance. The declaration of performance has been issued in accordance with regulation (Eu) no. 305/2011 at the sole responsibility of the manufacturer specified above.

Brämhult 2021.11.05

Lars Helgesson
Quality manager

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All measurements in mm

Specifications Angle bracket screw/Wood connector screw (external) for wood stud

Item number	Name	Head diameter	Thread length	Inner diameter thread
61409	Wood connector screw Wood 4,8 x 40 EXT	8,00	34,40	3,10
6832	Wood connector screw Wood 4,8 x 32 EXT	8,00	26,00	3,10
6840	Wood connector screw Wood 4,8 x 40 EXT	8,00	34,40	3,10
P6832	Wood connector screw Wood 4,8 x 32 EXT	8,00	26,00	3,10
P6840	Wood connector screw Wood 4,8 x 32 EXT	8,00	34,40	3,10
A61409	Wood connector screw Wood 4,8 x 40 EXT	8,00	34,40	3,10
B6832	Wood connector screw Wood 4,8 x 32 EXT	8,00	26,00	3,10
B6840	Wood connector screw Wood 4,8 x 40 EXT	8,00	34,40	3,10
H6840	Wood connector screw Wood 4,8 x 40 EXT	8,00	34,40	3,10
SB6840	Wood connector screw Wood 4,8 x 40 EXT	8,00	34,40	3,10