

# Declaration of performance

## Wood screw T6SF (external)



**Applications:** Wood screw T6SF (external) is intended for load-bearing wood constructions and assembly of various wood applications.

**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
	6,0 mm	8,0 mm	10,0 mm	12,0 mm	
<b>Characteristic yield moment</b> $M_{y,k}$ (Nmm)	8 520	23 420	33 860	72 100	<b>RISE 124747</b> 2021.04.06
<b>Characteristic withdrawal parameter</b> $f_{ax,k}$ (N/mm <sup>2</sup> ) in wood with characteristic density 350 Kg/m <sup>3</sup>	14,0	15,7	13,1	13,0	<b>SP PX24282</b> 2013.05.06 <b>RISE 7P02786</b> 2017.04.25 <b>RISE 8P02250</b> 2018.03.19
<b>Characteristic head pull-through parameter</b> $f_{head,k}$ (N/mm <sup>2</sup> ) in wood with characteristic density 350 Kg/m <sup>3</sup>	17,2	17,1	16,3	13,1	<b>SP PX24282</b> 2013.05.06
<b>Characteristic tensile capacity</b> $f_{tens,k}$ (kN)	10,8	22,7	30,9	46,6	<b>RISE 124747</b> 2021.04.06
<b>Characteristic torsional ratio</b> $f_{tor,k}/R_{tor,k}$ in wood with characteristic density 350 Kg/m <sup>3</sup>	3,1	2,1	2,9	3,7	<b>SP PX24282</b> 2013.05.06 <b>RISE 124747</b> 2021.04.06
<b>DURABILITY</b>	Climate class 3 (according to EN 1995-1-1)				<b>SP PX14769</b> 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 2021.11.17

**Lars Helgesson**  
Quality manager

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All measurements in mm

### Specifications Wood screw T6SF (external)

Item number	Name	Head diameter	Thread length	Inner diameter thread
8110100	Wood screw T6SF Jumbo Jetting 10 x 100 EXT	16,50	60,00	5,90
8110120	Wood screw T6SF Jumbo Jetting 10 x 120 EXT	16,50	72,00	5,90
8110140	Wood screw T6SF Jumbo Jetting 10 x 140 EXT	16,50	72,00	5,90
8110160	Wood screw T6SF Jumbo Jetting 10 x 160 EXT	16,50	72,00	5,90
8110180	Wood screw T6SF Jumbo Jetting 10 x 180 EXT	16,50	72,00	5,90
811040	Wood screw T6SF Jumbo Jetting 10 x 40 EXT	16,50	38,70	5,90
811050	Wood screw T6SF Jumbo Jetting 10 x 50 EXT	16,50	42,00	5,90
811060	Wood screw T6SF Jumbo Jetting 10 x 60 EXT	16,50	42,00	5,90
811075	Wood screw T6SF Jumbo Jetting 10 x 75 EXT	16,50	42,00	5,90
811090	Wood screw T6SF Jumbo Jetting 10 x 90 EXT	16,50	48,00	5,90
8112100	Wood screw T6SF Jumbo Jetting 12 x 100 EXT	20,50	60,00	6,80
8112120	Wood screw T6SF Jumbo Jetting 12 x 120 EXT	20,50	72,00	6,80
8112140	Wood screw T6SF Jumbo Jetting 12 x 140 EXT	20,50	72,00	6,80
8112160	Wood screw T6SF Jumbo Jetting 12 x 160 EXT	20,50	72,00	6,80
8112200	Wood screw T6SF Jumbo Jetting 12 x 200 EXT	20,50	72,00	6,80
811250	Wood screw T6SF Jumbo Jetting 12 x 50 EXT	20,50	48,00	6,80
811275	Wood screw T6SF Jumbo Jetting 12 x 75 EXT	20,50	50,00	6,80
816100	Wood screw T6SF Jumbo Jetting 6 x 100 EXT	12,20	60,00	3,42
81640	Wood screw T6SF Jumbo Jetting 6 x 40 EXT	12,20	24,00	3,42
81650	Wood screw T6SF Jumbo Jetting 6 x 50 EXT	12,20	36,00	3,42
81660	Wood screw T6SF Jumbo Jetting 6 x 60 EXT	12,20	36,00	3,42
81675	Wood screw T6SF Jumbo Jetting 6 x 75 EXT	12,20	42,00	3,42
818100	Wood screw T6SF Jumbo Jetting 8 x 100 EXT	14,00	60,00	4,80
818120	Wood screw T6SF Jumbo Jetting 8 x 120 EXT	14,00	72,00	4,80
818140	Wood screw T6SF Jumbo Jetting 8 x 140 EXT	14,00	72,00	4,80
81840	Wood screw T6SF Jumbo Jetting 8 x 40 EXT	14,00	38,70	4,80
81850	Wood screw T6SF Jumbo Jetting 8 x 50 EXT	14,00	36,00	4,80

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## Wood screw T6SF (external)



25500

All measurements in mm

Item number	Name	Head diameter	Thread length	Inner diameter thread
81860	Wood screw T6SF Jumbo Jetting 8 x 60 EXT	14,00	42,00	4,80
81875	Wood screw T6SF Jumbo Jetting 8 x 75 EXT	14,00	42,00	4,80
81890	Wood screw T6SF Jumbo Jetting 8 x 90 EXT	14,00	48,00	4,80