

Technical data sheet



SWW SWW Structural Washer Head Wood Screw

SWW is a washer head structural screw designed for load-bearing wood structures. The SWW screw has a milling thread to allow for smooth driving of the shank. The large washer head gives high head pull-through resistance while allowing the wood members to close up firmly.

[Find it in the Solid Wood Application >](#)

Features

Features:

- No pre-drilling required
- Washer Head creates high pull through resistance
- Milling thread (Reamer) allows smooth driving & reduces installation torque
- Washer head
- Type 17 point

Material

- Steel - Electrogalvanised yellow zinc coating
- Zinc Coating thickness >5um

Applications

Applications

- Wood to wood
- Connects 2 or more timbers together

advantage

The pan head enlarges the contact surface and ensures a higher ensures a higher head pull-through resistance as well as a greater load transmission.

The cutting tip design in conjunction with the reaming shank efficient and smooth screwing with simultaneous minimization of the minimizing the insertion resistance and reducing the splitting effect.



YZP



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Technical Data

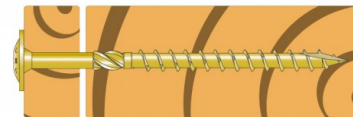
Technical data sheet

SIMPSON

Strong-Tie

SWW

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Product dimensions

References	Item code	DB nr.	NOBB nr.	Gunnebo art. nr.	Fastener dimensions [mm]										Qty/blister	Qty/box
					d	l	t _{fix}	d _h	d ₁	A _h	h _t	l _g	l _p	bit		
SWW6.OX60	75382	2055739	55838614	76652	6	60	20	14	3.8	-	-	42	-	T-30	-	50
SWW6.OX80	75383	2055740	55838633	72076		80	30	14	3.8	-	-	50	-	T-30	-	50
SWW6.OX100	75384	2055741	55838595	72077		100	30	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX120	75385	2055742	55838606	72078		120	60	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX140	75386	2055743	55838576	72079		140	70	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX160	75387	2055744	55838580	76712		160	90	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX180	75388	2055745	55838625	72101		180	110	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX200	75389	2055746	55838652	76713		200	130	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX220	75390	2055747	55838561	76715		220	150	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX240	75391	2055748	55838663	76716		240	170	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX260	75392	2055749	55838644	76718		260	190	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX280	75393	2055750	55838678	76614		280	210	14	3.8	-	-	70	-	T-30	-	50
SWW6.OX300	75394	2055751	55838682	76651		300	230	14	3.8	-	-	70	-	T-30	-	50
SWW8.OX80	75395	2055752	55838345	72108		8	80	30	22.2	5.3	-	-	50	-	T-40	-
SWW8.OX100	75396	2055753	55838398	72109	100		50	22.2	5.3	-	-	50	-	T-40	-	50
SWW8.OX120	75397	2055754	55838402	72110	120		40	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX140	75398	2055755	55838334	72111	140		60	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX160	75399	2055756	55838277	72112	160		80	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX180	75400	2055757	55838262	72113	180		100	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX200	75401	2055758	55838296	72114	200		120	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX220	75402	2055759	55838383	72115	220		140	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX240	75403	2055760	55838315	72116	240		160	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX260	75404	2055761	55838364	72117	260		180	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX280	75405	2055762	55838372	72118	280		200	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX300	75406	2055763	55838326	72119	300		220	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX320	75407	2055764	55838353	72120	320		240	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX340	75408	2055765	55838417	72121	340		260	22.2	5.3	-	-	80	-	T-40	-	50
SWW8.OX360	75409	2055766	55838300	72122	360	280	22.2	5.3	-	-	80	-	T-40	-	50	
SWW8.OX380	75410	2055767	55838281	72123	380	300	22.2	5.3	-	-	80	-	T-40	-	50	
SWW8.OX400	75411	2055768	55838421	72124	400	320	22.2	5.3	-	-	80	-	T-40	-	50	
SWW8.OX160 Blister	77854	2396031	-	-	160	80	22.2	5.3	-	-	80	-	T-40	4	-	
SWW8.OX240 Blister	77855	2396032	-	-	240	160	22.2	5.3	-	-	80	-	T-40	4	-	
SWW8.OX300 Blister	77856	2396033	-	-	300	220	22.2	5.3	-	-	80	-	T-40	4	-	
SWW10.OX100	76912	2277108	60019768	76919	10	100	50	25.9	6.3	-	-	50	-	T-40	-	25
SWW10.OX120	76913	2277109	60019769	76920		120	70	25.9	6.3	-	-	50	-	T-40	-	25
SWW10.OX140	76914	2277110	60019770	76921		140	60	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX160	75412	2055769	55838436	72125		160	80	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX180	75413	2055770	55838440	72126		180	100	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX200	75414	2055771	55838455	72127		200	120	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX220	75415	2055772	55838466	72128		220	140	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX240	75416	2055773	55838474	72129		240	160	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX260	75417	2055774	55838485	72130		260	180	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX280	75418	2055775	55838493	72131		280	200	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX300	75419	2055776	55838504	72132		300	220	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.OX320	75420	2055777	55838512	72134		320	240	25.9	6.3	-	-	80	-	T-40	-	25

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					d	l	t _{fix}	d _h	d ₁	A _h	h _t	l _g	l _p	bit		
SWW10.0X340	75421	2055778	55838523	72135		340	260	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.0X360	75422	2055779	55838538	72136		360	280	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.0X380	75423	2055780	55838542	72137		380	300	25.9	6.3	-	-	80	-	T-40	-	25
SWW10.0X400	75424	2055781	55838557	72138		400	320	25.9	6.3	-	-	80	-	T-40	-	25

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PRODUCT CHARACTERISTICS

References	Product characteristic properties					
	Characteristic Yield Moment – $M_{y,k}$ [Nm]	Characteristic withdrawal parameter - $f_{ax,k,90^\circ}$ [N/mm ²]	Characteristic head pull-through parameter - $f_{head,k}$ [N/mm ²]	Characteristic tensile capacity - $f_{tens,k}$ [kN]	Characteristic torsional strength - $f_{tor,k}$ [Nm]	Torsional ratio
SWW6.0X60	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X80	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X100	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X120	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X140	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X160	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X180	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X200	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X220	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X240	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X260	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X280	10.5	13	16.1	12.3	11	≥ 1,5
SWW6.0X300	10.5	13	16.1	12.3	11	≥ 1,5
SWW8.0X80	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X100	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X120	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X140	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X160	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X180	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X200	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X220	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X240	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X260	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X280	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X300	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X320	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X340	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X360	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X380	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X400	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW10.0X100	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X120	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X140	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X160	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X180	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X200	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X220	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X240	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X260	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X280	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X300	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X320	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X340	43.7	12.2	10.2	33.8	48.9	≥ 1,5

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SWW10.0X360	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X380	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW10.0X400	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWW8.0X160 Blister	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X240 Blister	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWW8.0X300 Blister	25.9	12.6	10.5	23.7	27.4	≥ 1,5

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