

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 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

Product dimensions



References	Item code	Fastener dimensions [mm]										Qty/box
		d	l	t _{fix}	d _h	d ₁	A _h	h _t	l _g	l _p	bit	
SWW6.0X60	75382	6	60	20	14	3.8	-	-	42	-	T-30	50
SWW6.0X80	75383		80	30	14	3.8	-	-	50	-	T-30	50
SWW6.0X100	75384		100	30	14	3.8	-	-	70	-	T-30	50
SWW6.0X120	75385		120	60	14	3.8	-	-	70	-	T-30	50
SWW6.0X140	75386		140	70	14	3.8	-	-	70	-	T-30	50
SWW6.0X160	75387		160	90	14	3.8	-	-	70	-	T-30	50
SWW6.0X200	75389		200	130	14	3.8	-	-	70	-	T-30	50
SWW8.0X80	75395	8	80	30	22.2	5.3	-	-	50	-	T-40	50
SWW8.0X100	75396		100	50	22.2	5.3	-	-	50	-	T-40	50
SWW8.0X120	75397		120	40	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X140	75398		140	60	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X160	75399		160	80	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X180	75400		180	100	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X200	75401		200	120	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X220	75402		220	140	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X240	75403		240	160	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X260	75404		260	180	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X280	75405		280	200	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X300	75406		300	220	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X320	75407		320	240	22.2	5.3	-	-	80	-	T-40	50
SWW8.0X340	75408		340	260	22.2	5.3	-	-	80	-	T-40	50
SWW10.0X160	75412	10	160	80	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X180	75413		180	100	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X200	75414		200	120	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X220	75415		220	140	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X240	75416		240	160	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X260	75417		260	180	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X280	75418		280	200	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X300	75419		300	220	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X320	75420		320	240	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X340	75421		340	260	25.9	6.3	-	-	80	-	T-40	25
SWW10.0X360	75422		360	280	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
SWW6.0X200	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
SWW8.0X400	25.9	12.6	10.5	23.7	27.4	≥ 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
SWW10.0X360	43.7	12.2	10.2	33.8	48.9	≥ 1,5

