

SWW Structural Countersunk Wood Screw

SWC is a countersunk structural screw designed for load-bearing wood structures. The SWC screw has a milling thread to allow for smooth driving of the shank. The countersunk head gives flush fitting while allowing the wood members to close up firmly.

Features

Features:

- No pre-drilling required
- High withdrawal resistance
- Milling thread allows smooth driving
- Countersunk head

Material

Steel - Electrogalvanised yellow zinc coating

Applications

Application:

- Wood to wood

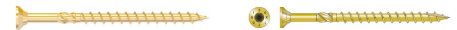
advantage

The countersunk head with milling ribs on the underside of the head can be and flush with the surface of the wood, creating a harmonious appearance.

The cutting point design in combination with the reaming shank ensures efficient and smooth screwing with a simultaneous minimization of the insertion resistance and reducing the splitting effect.



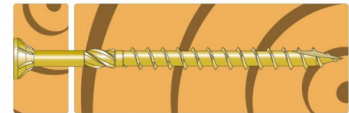
YZP



SWW
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Technical Data

Product dimensions



References	Item code	Fastener dimensions [mm]							Qty/box	Weight [kg]
		d	l	t _{fix}	d _h	d ₁	l _g	bit		
SWC6.0X200	75346	6	200	130	11.8	3.8	70	T-30	100	0.022
SWC6.0X240	75348		240	170	11.8	3.8	70	T-30	100	0.027
SWC6.0X300	75351		300	230	11.8	3.8	70	T-30	100	0.033
SWC8.0X80	75352	8	80	30	14.6	5.3	50	T-40	50	0.018
SWC8.0X100	75353		100	50	14.6	5.3	50	T-40	50	0.023
SWC8.0X120	75354		120	40	14.6	5.3	80	T-40	50	0.027
SWC8.0X140	75355		140	60	14.6	5.3	80	T-40	50	0.031
SWC8.0X160	75356		160	80	14.6	5.3	80	T-40	50	0.035
SWC8.0X180	75357		180	100	14.6	5.3	80	T-40	50	0.039
SWC8.0X200	75358		200	120	14.6	5.3	80	T-40	50	0.043
SWC8.0X220	75359		220	140	14.6	5.3	80	T-40	50	0.047
SWC8.0X240	75360		240	160	14.6	5.3	80	T-40	50	0.051
SWC8.0X260	75361		260	180	14.6	5.3	80	T-40	50	0.055
SWC8.0X280	75362		280	200	14.6	5.3	80	T-40	50	0.06
SWC8.0X300	75363		300	220	14.6	5.3	80	T-40	50	0.064
SWC8.0X320	75364		320	240	14.6	5.3	80	T-40	50	0.068
SWC8.0X380	75367		380	300	14.6	5.3	80	T-40	50	0.08
SWC8.0X400	75368		400	320	14.6	5.3	80	T-40	50	0.084
SWC10.0X180	75370	10	180	100	17.8	6.3	80	T-40	25	0.058
SWC10.0X200	75371		200	120	17.8	6.3	80	T-40	25	0.064
SWC10.0X220	75372		220	140	17.8	6.3	80	T-40	25	0.07
SWC10.0X240	75373		240	160	17.8	6.3	80	T-40	25	0.076
SWC10.0X260	75374		260	180	17.8	6.3	80	T-40	25	0.082
SWC10.0X300	75376		300	220	17.8	6.3	80	T-40	25	0.094
SWC10.0X340	75378		340	260	17.8	6.3	80	T-40	25	0.11
SWC10.0X400	75381		400	320	17.8	6.3	80	T-40	25	0.12

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Product characteristic properties

References	Product characteristic properties					
	Characteristic Yield Moment – $M_{y,k}$ [$M_{y,k}$] [Nm]	Characteristic withdrawal parameter - $f_{ax,k,90^\circ}$ [$f_{ax,k,90^\circ}$] [N/mm ²]	Characteristic head pull-through parameter - $f_{head,k}$ [$f_{head,k}$] [N/mm ²]	Characteristic tensile capacity - $f_{tens,k}$ [$f_{tens,k}$] [kN]	Characteristic torsional strength - $f_{tor,k}$ [f _{tor,k}] [Nm]	Torsional ratio
SWC6.0X200	10.5	13	11.9	12.3	11	≥ 1,5
SWC6.0X240	10.5	13	11.9	12.3	11	≥ 1,5
SWC6.0X300	10.5	13	11.9	12.3	11	≥ 1,5
SWC8.0X80	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X100	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X120	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X140	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X160	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X180	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X200	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X220	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X240	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X260	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X280	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X300	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X320	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X380	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X400	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC10.0X180	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X200	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X220	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X240	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X260	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X300	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X340	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X400	43.7	12.2	11.2	33.8	48.9	≥ 1,5

