

## SWC 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.*

### Ominaisuudet

#### Features:

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

#### Material

**Steel - Electrogalvanised yellow zinc coating**

#### Sovellus

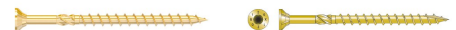
#### Application:

- 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.**

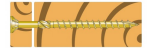


SWC

Structural Countersunk Wood Screw

## Technical Data

Product dimensions



Tuotenro	Item code	NOBB nr.	Fastener dimensions [mm]					
			d	l	t <sub>fix</sub>	d <sub>h</sub>	l <sub>g</sub>	bit
SWC6.0X200	75346	55838894	6	200	130	11.8	70	TX30
SWC6.0X220	75347	55838932	6	220	150	11.8	70	TX30
SWC6.0X240	75348	55838913	6	240	170	11.8	70	TX30
SWC6.0X260	75349	55838943	6	260	190	11.8	70	TX30
SWC6.0X280	75350	55838924	6	280	190	11.8	70	TX30
SWC6.0X300	75351	55838905	6	300	230	11.8	70	TX30
SWC8.0X80	75352	55836374	8	80	30	14.6	50	TX40
SWC8.0X100	75353	55836366	8	100	50	14.6	50	TX40
SWC8.0X120	75354	55836298	8	120	40	14.6	80	TX40
SWC8.0X140	75355	55836385	8	140	60	14.6	80	TX40
SWC8.0X160	75356	55836253	8	160	80	14.6	80	TX40
SWC8.0X180	75357	55836393	8	180	100	14.6	80	TX40
SWC8.0X200	75358	55836321	8	200	120	14.6	80	TX40
SWC8.0X220	75359	55836317	8	220	140	14.6	80	TX40
SWC8.0X240	75360	55836245	8	240	160	14.6	80	TX40
SWC8.0X260	75361	55836340	8	260	180	14.6	80	TX40
SWC8.0X280	75362	55836302	8	280	200	14.6	80	TX40
SWC8.0X300	75363	55836272	8	300	220	14.6	80	TX40
SWC8.0X320	75364	55836336	8	320	240	14.6	80	TX40
SWC8.0X340	75365	55836355	8	340	260	14.6	80	TX40
SWC8.0X360	75366	55836264	8	360	280	14.6	80	TX40
SWC8.0X380	75367	55836283	8	380	300	14.6	80	TX40
SWC8.0X400	75368	55836234	8	400	320	14.6	80	TX40
SWC10.0X100	76916	60019777	10	100	50	17.8	50	TX40
SWC10.0X120	76917	60019778	10	120	70	17.8	50	TX40
SWC10.0X140	76918	60019779	10	140	60	17.8	80	TX40
SWC10.0X160	75369	55838803	10	160	80	17.8	80	TX40
SWC10.0X180	75370	55838818	10	180	100	17.8	80	TX40
SWC10.0X200	75371	55838822	10	200	120	17.8	80	TX40
SWC10.0X220	75372	55838837	10	220	140	17.8	80	TX40
SWC10.0X240	75373	55838765	10	240	160	17.8	80	TX40
SWC10.0X260	75374	55838841	10	260	180	17.8	80	TX40
SWC10.0X280	75375	55838856	10	280	200	17.8	80	TX40
SWC10.0X300	75376	55838773	10	300	220	17.8	80	TX40
SWC10.0X320	75377	55836226	10	320	240	17.8	80	TX40
SWC10.0X340	75378	55838784	10	340	260	17.8	80	TX40
SWC10.0X360	75379	55838860	10	360	280	17.8	80	TX40
SWC10.0X380	75380	55838875	10	380	300	17.8	80	TX40
SWC10.0X400	75381	55838792	10	400	320	17.8	80	TX40

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Product characteristic properties

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	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 <sup>2</sup> ]	Characteristic head pull-through parameter - $f_{head,k}$ [ $f_{head,k}$ ] [N/mm <sup>2</sup> ]	Characteristic tensile capacity - $f_{tens,k}$ [ $f_{tens,k}$ ] [kN]	Characteristic torsional strength - $f_{tor,k}$ [Nm]	Torsional ratio
SWC6.0X200	10.5	13	11.9	12.3	11	≥ 1,5
SWC6.0X220	10.5	13	11.9	12.3	11	≥ 1,5
SWC6.0X240	10.5	13	11.9	12.3	11	≥ 1,5
SWC6.0X260	10.5	13	11.9	12.3	11	≥ 1,5
SWC6.0X280	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
SWC8.0X340	25.9	12.6	12.5	23.7	27.4	≥ 1,5
SWC8.0X360	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
SWC10.0X100	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X120	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X140	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X160	43.7	12.2	11.2	33.8	48.9	≥ 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
SWC10.0X280	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
SWC10.0X320	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
SWC10.0X360	43.7	12.2	11.2	33.8	48.9	≥ 1,5
SWC10.0X380	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

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