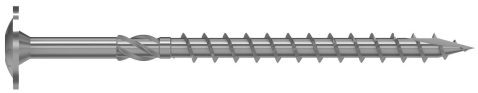
Technical Sheet

SWWZ

SWWZ Structural Washer Head Wood Screw Impreg+

The Solid-Drive® SWWZ partially threaded washer head wood screw is a structural fastener available in a variety of dimensions and is designed for cross-laminated timber (CLT) and glulam construction as well as general exterior wood applications.
These partially-threaded, 6.0, 8.0 and 10.0 diameter [mm] structural fasteners are designed to pull structural members together with superb holding power and excellent load capacity. The large washer head provides exceptional pull-through resistance while allowing the wood members to close up firmly. Predrilling is typically not required. For interior and exterior applications.





Features

Material

Impreg+ coated
Impreg + is an electrolytic, inorganic, surface treatment consisting of zinc and nickel. Due to the strong alloy combination the coating is very robust and suitable for corrosive environments.

- C4 approved for 15 years according to EN ISO 11997-1:2017, cycle B
- Compliant with REACH, RoHS- and ELV-directive
- Chromium (VI) free
- No galvanic corrosion in aluminium connections
- Due to the strong adhesion between the steel and the coating, Impreg+ will maintain the corrosion resistance even after installation
- Withstands temperatures up to 300° (C)

Features:

- ETA - European Technical Assessment
- No pre-drilling required
- High withdrawal resistance
- Internal hexagonal drive
- Washer head
- Type 17 point

Applications

Application

Structural Wood-to-Wood Connections Including Glulam and General Timber Applications

Benefits

- Washer head creates high pull-through resistance

Technical Sheet

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Technical Data

Product dimensions

Reference	Fasteners rozměry[mm]														
	Item Code	ostatní			Gunnebo art. nr	rozměry výrobku[mm]									
		Tun / DB nr.	NOB nr.	množství v krabici		d[mm]	l[mm]	tfix[mm]	dh[mm]	d1[mm]	Ah[mm]	ht[mm]	závit délka[mm]	lp[mm]	Driver Bit[mm]
SWWZ6.0X80	76352	2277072	-	50.0	76339	6	80	30	14	3.8	-	-	50	-	T-30
SWWZ6.0X90	76452	2277073	-	50.0	76342	6	90	40	14	3.8	-	-	50	-	T-30
SWWZ6.0X100	76453	2277074	-	50.0	76343	6	100	30	14	3.8	-	-	70	-	T-30
SWWZ6.0X120	76454	2277075	-	50.0	76344	6	120	50	14	3.8	-	-	70	-	T-30
SWWZ8.0X80	76455	2277076	-	50.0	76345	8	80	30	22.2	5.3	-	-	50	-	T-40
SWWZ8.0X90	76457	2277077	-	50.0	76346	8	90	40	22.2	5.3	-	-	50	-	T-40
SWWZ8.0X100	76601	2277079	-	50.0	76347	8	100	50	22.2	5.3	-	-	50	-	T-40
SWWZ8.0X120	76603	2277081	-	50.0	76350	8	120	40	22.2	5.3	-	-	80	-	T-40
SWWZ8.0X140	76604	2277082	-	50.0	76351	8	140	60	22.2	5.3	-	-	80	-	T-40
SWWZ8.0X180	76605	2277083	-	50.0	76353	8	180	100	22.2	5.3	-	-	80	-	T-40
SWWZ8.0X200	76606	2277084	-	50.0	76354	8	200	120	22.2	5.3	-	-	80	-	T-40
SWWZ8.0X240	76607	2277086	-	50.0	76355	8	240	160	22.2	5.3	-	-	80	-	T-40
SWWZ8.0X300	76608	2277089	-	50.0	76356	8	300	220	22.2	5.3	-	-	80	-	T-40
SWWZ8.0X340	76609	2277091	-	50.0	76357	8	340	260	22.2	5.3	-	-	80	-	T-40
SWWZ10.0X160	76610	2277092	-	25.0	76358	10	160	80	25.9	6.3	-	-	80	-	T-40
SWWZ10.0X180	76611	2277100	-	25.0	76359	10	180	100	25.9	6.3	-	-	80	-	T-40
SWWZ10.0X200	76612	2277102	-	25.0	76360	10	200	120	25.9	6.3	-	-	80	-	T-40
SWWZ10.0X240	76613	2277104	-	25.0	76361	10	240	160	25.9	6.3	-	-	80	-	T-40

SWWZ
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Product characteristic properties

Reference	šroub parametry					
	charakteristické parametry					
	Characteristic Yield Moment – $M_{y,k}$[Nm]	Characteristic withdrawal parameter - $f_{ax,k,90°}$ [N/mm²]	Characteristic hlava pull-through parameter - $f_{head,k}$[N/mm²]	Characteristic tensile únosnost - $f_{tens,k}$[kN]	Characteristic torsional pevnost - ftor,k[Nm]	Torsional ratio
SWWZ6.0X80	10.5	13	16.1	12.3	11	≥ 1,5
SWWZ6.0X90	10.5	13	16.1	12.3	11	≥ 1,5
SWWZ6.0X100	10.5	13	16.1	12.3	11	≥ 1,5
SWWZ6.0X120	10.5	13	16.1	12.3	11	≥ 1,5
SWWZ8.0X80	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X90	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X100	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X120	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X140	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X180	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X200	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X240	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X300	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ8.0X340	25.9	12.6	10.5	23.7	27.4	≥ 1,5
SWWZ10.0X160	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWWZ10.0X180	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWWZ10.0X200	43.7	12.2	10.2	33.8	48.9	≥ 1,5
SWWZ10.0X240	43.7	12.2	10.2	33.8	48.9	≥ 1,5

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