Technical Sheet

SSH

Hexagon Head Connector Screw Impreg®+

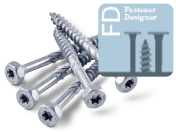
SSH is used together with connectors where high load capability is required. The conical shape under the head ensures full contact with the connector, creating a firm assembly. The superior Impreg®+ coating makes the screw suitable for exterior use. The type 17 cut point prevents timber from splitting, and the milling thread and serrated thread reduce the insertion torque. SSH has both 6 lobe drive and a hexagonal head, enabling installation both with torx bits or hex wrench.







SSH6.0X40



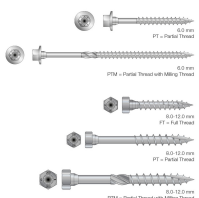
SSH8.0X80



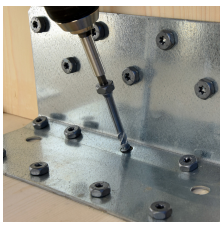
SSH10.0X60











Features

Material

- Steel - Impreg®+ coating

Features

- CE marked to EN14592
- Hex head with integrated 6 lobe drive
- 6.Ø diameter screws feature a Hex-Washer head to ensure pull-through resistance
- Conical shape under the head for secure fit in connector holes
- No predrilling required
- Milling thread reduces insertion torque
- Type 17 point prevents splitting of timber

Applications

Assemblies

- Connectors to wood

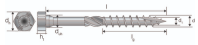
Common Applications

- Fixing connectors to timber
- Suitable for outdoor applications

Technical Sheet

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Technical Data



Product dimensions

Reference	Fasteners Dimensions									
	Other	Gunnebo art.nr	Product Dimensions[mm]							
	Qty per blister		d[mm]	l[mm]	d_h[mm]	ht[mm]	duh[mm]	d_1[mm]	lg[mm]	bit[mm]
SSH6.0X40	-	71644	6	40	10	4.75	6.1	3.7	24	T-30
SSH6.0X50	-	71645	6	50	10	4.75	6.1	3.7	33	T-30
SSH6.0X60	-	71646	6	60	10	4.75	6.1	3.7	42	T-30
SSH6.0X75	-	71647	6	75	10	4.75	6.1	3.7	42	T-30
SSH6.0X90	-	71648	6	90	10	4.75	6.1	3.7	42	T-30
SSH6.0X120	-	71649	6	120	10	4.75	6.1	3.7	75	T-30
SSH8.0X40	-	71688	8	40	13	5.75	8.2	5.1	32	T-40
SSH8.0X50	-	71689	8	50	13	5.75	8.2	5.1	42	T-40
SSH8.0X60	-	71690	8	60	13	5.75	8.2	5.1	42	T-40
SSH8.0X80	-	71691	8	80	13	5.75	8.2	5.1	42	T-40
SSH8.0X100	-	71609	8	100	13	5.75	8.2	5.1	55	T-40
SSH8.0X120	-	76762	8	120	13	5.75	8.2	5.1	85	T-40
SSH8.0X140	-	71701	8	140	13	5.75	8.2	5.1	85	T-40
SSH8.0X180	-	73256	8	180	13	5.75	8.2	5.1	110	T-40
SSH8.0X200	-	73257	8	200	13	5.75	8.2	5.1	110	T-40
SSH8.0X240	-	73258	8	240	13	5.75	8.2	5.1	110	T-40
SSH10.0X40	-	71707	10	40	15	6	10.2	6.2	32	T-40
SSH10.0X50	-	71708	10	50	15	6	10.2	6.2	42	T-40
SSH10.0X60	-	71709	10	60	15	6	10.2	6.2	42	T-40
SSH10.0X80	-	71710	10	80	15	6	10.2	6.2	42	T-40
SSH10.0X90	-	71711	10	90	15	6	10.2	6.2	42	T-40
SSH10.0X100	-	71712	10	100	15	6	10.2	6.2	55	T-40
SSH10.0X120	-	71713	10	120	15	6	10.2	6.2	85	T-40
SSH10.0X160	-	71715	10	160	15	6	10.2	6.2	110	T-40
SSH10.0X180	-	71716	10	180	15	6	10.2	6.2	110	T-40
SSH10.0X200	-	73215	10	200	15	6	10.2	6.2	110	T-40
SSH10.0X240	-	73216	10	240	15	6	10.2	6.2	125	T-40
SSH10.0X280	-	73217	10	280	15	6	10.2	6.2	125	T-40
SSH12.0X60	-	71721	12	60	17	6.25	12.2	6.7	48	T-40
SSH12.0X80	-	71722	12	80	17	6.25	12.2	6.7	48	T-40
SSH12.0X100	-	71724	12	100	17	6.25	12.2	6.7	55	T-40
SSH12.0X120	-	76761	12	120	17	6.25	12.2	6.7	85	T-40
SSH12.0X140	-	71726	12	140	17	6.25	12.2	6.7	85	T-40
SSH12.0X160	-	71727	12	160	17	6.25	12.2	6.7	110	T-40
SSH12.0X180	-	71728	12	180	17	6.25	12.2	6.7	110	T-40
SSH12.0X200	-	71729	12	200	17	6.25	12.2	6.7	110	T-40

6.Ø diameter SHH screws feature a Hex-Washer head.

Technical Sheet

SSH
Hexagon Head Connector Screw Impreg®+

SIMPSON Strong-Tie

Characteristic properties

Reference	Screw Parameters					
	Characteristic parameters					
	Characteristic Yield Moment My,k[Nm]	Characteristic Withdrawal Parameter fax,k,90°[N/mm²]	Characteristic Head Pull-Through Parameter fhead,k[N/mm²]	Characteristic Tensile Capacity ftens,k[kN]	Characteristic torsional strength - ftor,k[Nm]	Torsional ratio
SSH6.0X40	10.4	13.3	17.9	13.1	11	≥ 1,5
SSH6.0X50	10.4	13.3	17.9	13.1	11	≥ 1,5
SSH6.0X60	10.4	13.3	17.9	13.1	11	≥ 1,5
SSH6.0X75	10.4	13.3	17.9	13.1	11	≥ 1,5
SSH6.0X90	10.4	13.3	17.9	13.1	11	≥ 1,5
SSH6.0X120	10.4	13.3	17.9	13.1	11	≥ 1,5
SSH8.0X40	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X50	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X60	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X80	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X100	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X120	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X140	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X180	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X200	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH8.0X240	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH10.0X40	-	-	-	-	-	-
SSH10.0X50	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X60	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X80	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X90	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X100	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X120	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X160	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X180	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X200	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X240	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH10.0X280	38.7	12.1	19.3	32.8	43	≥ 1,5
SSH12.0X60	52.3	12.2	18.8	40.4	62.4	≥ 1,5
SSH12.0X80	52.3	12.2	18.8	40.4	62.4	≥ 1,5
SSH12.0X100	52.3	12.2	18.8	40.4	62.4	≥ 1,5
SSH12.0X120	52.3	12.2	18.8	40.4	62.4	≥ 1,5
SSH12.0X140	52.3	12.2	18.8	40.4	62.4	≥ 1,5
SSH12.0X160	52.3	12.2	18.8	40.4	62.4	≥ 1,5
SSH12.0X180	52.3	12.2	18.8	40.4	62.4	≥ 1,5
SSH12.0X200	52.3	12.2	18.8	40.4	62.4	≥ 1,5
SSH6.0	10.4	13.3	17.9	13.1	11	≥ 1,5
SSH8.0	25.3	13.9	19.5	24.1	26.4	≥ 1,5
SSH10.0	38.7	12.1	19.3	32.8	43	≥ 1,5

SSH8.0x40 and SSH10.0x40 characteristic properties are available in compatible products datasheets with these screws (see above table).

SSH
Hexagon Head Connector Screw Impreg®+

Reference	Screw Parameters					
	Characteristic parameters					
	Characteristic Yield Moment My,k[Nm]	Characteristic Withdrawal Parameter fax,k,90°[N/mm²]	Characteristic Head Pull-Through Parameter fhead,k[N/mm²]	Characteristic Tensile Capacity ftens,k[kN]	Characteristic torsional strength - ftor,k[Nm]	Torsional ratio
SSH12.0	52.3	12.2	18.8	40.4	62.4	≥ 1,5

SSH8.0x40 and SSH10.0x40 characteristic properties are available in compatible products datasheets with these screws (see above table).

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