

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.

[Find it in the Solid Wood Application >](#)

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



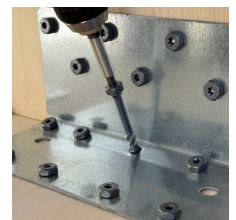
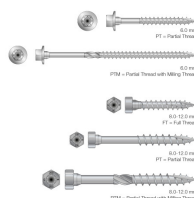
SSH6.0X40



SSH8.0X80



SSH10.0X60

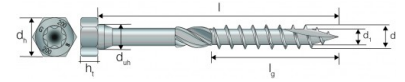
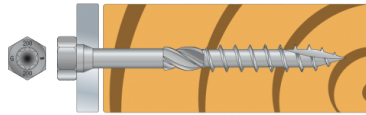


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Technical Data

SSH Hexagon Head Connector Screw Impreg®+

Product dimensions



References	Item code	Gunnebo art. nr.	Fastener dimensions [mm]							bit	Qty per blister
			d	l	d _h	h _t	d _{uh}	d ₁	l _g		
SSH6.0X40 Blister	77183	-	6	40	10	4.75	6.1	3.7	24	T-30	8
SSH6.0X40	75128	71644		40	10	4.75	6.1	3.7	24	T-30	-
SSH6.0X50 Blister	77184	-		50	10	4.75	6.1	3.7	33	T-30	8
SSH6.0X50	75129	71645		50	10	4.75	6.1	3.7	33	T-30	-
SSH6.0X60	75130	71646		60	10	4.75	6.1	3.7	42	T-30	-
SSH6.0X75	75131	71647		75	10	4.75	6.1	3.7	42	T-30	-
SSH6.0X90	75132	71648		90	10	4.75	6.1	3.7	42	T-30	-
SSH6.0X120	75133	71649		120	10	4.75	6.1	3.7	75	T-30	-
SSH8.0x40 Blister	77185	-	8	40	13	5.75	8.2	5.1	32	T-40	8
SSH8.0X40	75134	71688		40	13	5.75	8.2	5.1	32	T-40	-
SSH8.0x50 Blister	77186	-		50	13	5.75	8.2	5.1	42	T-40	8
SSH8.0X50	75135	71689		50	13	5.75	8.2	5.1	42	T-40	-
SSH8.0x60 Blister	77187	-		60	13	5.75	8.2	5.1	42	T-40	8
SSH8.0X60	75136	71690		60	13	5.75	8.2	5.1	42	T-40	-
SSH8.0x80 Blister	77188	-		80	13	5.75	8.2	5.1	42	T-40	8
SSH8.0X80	75137	71691		80	13	5.75	8.2	5.1	42	T-40	-
SSH8.0x90 Blister	77189	-		90	13	5.75	8.2	5.1	42	T-40	8
SSH8.0x100 Blister	77190	-		100	13	5.75	8.2	5.1	55	T-40	8
SSH8.0X100	75139	71609		100	13	5.75	8.2	5.1	55	T-40	-
SSH8.0X120	75140	76762		120	13	5.75	8.2	5.1	85	T-40	-
SSH8.0X140	75141	71701		140	13	5.75	8.2	5.1	85	T-40	-
SSH8.0X180	75143	73256		180	13	5.75	8.2	5.1	110	T-40	-
SSH8.0X200	75144	73257		200	13	5.75	8.2	5.1	110	T-40	-
SSH8.0X240	75145	73258		240	13	5.75	8.2	5.1	110	T-40	-
SSH10.0x40 Blister	77191	-	10	40	15	6	10.2	6.2	32	T-40	8
SSH10.0X40	75149	71707		40	15	6	10.2	6.2	32	T-40	-
SSH10.0x50 Blister	77192	-		50	15	6	10.2	6.2	42	T-40	8
SSH10.0X50	75150	71708		50	15	6	10.2	6.2	42	T-40	-
SSH10.0x60 Blister	77193	-		60	15	6	10.2	6.2	42	T-40	8
SSH10.0X60	75151	71709		60	15	6	10.2	6.2	42	T-40	-
SSH10.0x80 Blister	77194	-		80	15	6	10.2	6.2	42	T-40	8
SSH10.0X80	75152	71710		80	15	6	10.2	6.2	42	T-40	-
SSH10.0x90 Blister	77195	-		90	15	6	10.2	6.2	42	T-40	8
SSH10.0X90	75153	71711		90	15	6	10.2	6.2	42	T-40	-
SSH10.0x100 Blister	77197	-		100	15	6	10.2	6.2	55	T-40	8
SSH10.0X100	75154	71712		100	15	6	10.2	6.2	55	T-40	-
SSH10.0x120 Blister	77198	-		120	15	6	10.2	6.2	85	T-40	8
SSH10.0X120	75155	71713		120	15	6	10.2	6.2	85	T-40	-
SSH10.0X160	75157	71715		160	15	6	10.2	6.2	110	T-40	-
SSH10.0X180	75158	71716		180	15	6	10.2	6.2	110	T-40	-
SSH10.0X200	75159	73215	200	15	6	10.2	6.2	110	T-40	-	
SSH10.0X240	75160	73216	240	15	6	10.2	6.2	125	T-40	-	
SSH10.0X280	75161	73217	280	15	6	10.2	6.2	125	T-40	-	

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

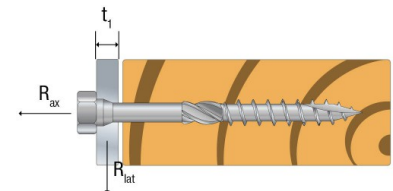
Technical data sheet



SSH Hexagon Head Connector Screw Impreg®+

References	Item code	Gunnebo art. nr.	Fastener dimensions [mm]						bit	Qty per blister	
			d	l	d _h	h _t	d _{uh}	d ₁			l _g
SSH12.0X60	75162	71721	12	60	17	6.25	12.2	6.7	48	T-40	-
SSH12.0X80	75163	71722		80	17	6.25	12.2	6.7	48	T-40	-
SSH12.0X100	75165	71724		100	17	6.25	12.2	6.7	55	T-40	-
SSH12.0X120	75166	76761		120	17	6.25	12.2	6.7	85	T-40	-
SSH12.0X140	75167	71726		140	17	6.25	12.2	6.7	85	T-40	-
SSH12.0X160	75168	71727		160	17	6.25	12.2	6.7	110	T-40	-
SSH12.0X180	75169	71728		180	17	6.25	12.2	6.7	110	T-40	-
SSH12.0X200	75170	71729		200	17	6.25	12.2	6.7	110	T-40	-

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



Characteristic properties

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
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
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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Installation

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Abacuses

Steel to Timber characteristic capacities

SSH6.0X40
SSH6.0X50
SSH6.0X60
SSH6.0X75
SSH6.0X90
SSH6.0X120
SSH8.0X40
SSH8.0X50
SSH8.0X60
SSH8.0X80
SSH8.0X100
SSH8.0X120
SSH8.0X140
SSH8.0X180
SSH8.0X200
SSH8.0X240
SSH10.0X40
SSH10.0X50
SSH10.0X60
SSH10.0X80
SSH10.0X90
SSH10.0X100
SSH10.0X120
SSH10.0X160
SSH10.0X180
SSH10.0X200
SSH10.0X240
SSH10.0X280
SSH12.0X60
SSH12.0X80
SSH12.0X100
SSH12.0X120
SSH12.0X140
SSH12.0X160
SSH12.0X180
SSH12.0X200

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