

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



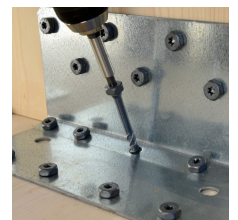
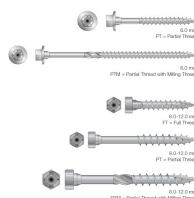
SSH6.0X40



SSH8.0X80



SSH10.0X60

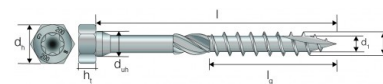
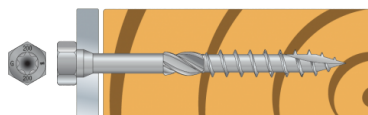


SSH
Hexagon Head Connector Screw Impreg®+

Technical Data

SSH Hexagon Head Connector Screw Impreg®+

Product dimensions



References	Item code	Gunnebo art. nr.	Fastener dimensions [mm]							bit	Qty per blister	Qty per box	Stocked in UK
			d	l	d _h	h _t	d _{uh}	d ₁	l _g				
SSH6.0X40	75128	71644	6	40	10	4.75	6.1	3.7	24	T-30	-	100	-
SSH6.0X50	75129	71645		50	10	4.75	6.1	3.7	33	T-30	-	100	-
SSH6.0X60	75130	71646		60	10	4.75	6.1	3.7	42	T-30	-	100	Yes
SSH6.0X75	75131	71647		75	10	4.75	6.1	3.7	42	T-30	-	100	-
SSH6.0X90	75132	71648		90	10	4.75	6.1	3.7	42	T-30	-	100	Yes
SSH6.0X120	75133	71649		120	10	4.75	6.1	3.7	75	T-30	-	100	-
SSH8.0X40	75134	71688	8	40	13	5.75	8.2	5.1	32	T-40	-	50	-
SSH8.0X50	75135	71689		50	13	5.75	8.2	5.1	42	T-40	-	50	-
SSH8.0X60	75136	71690		60	13	5.75	8.2	5.1	42	T-40	-	50	Yes
SSH8.0X80	75137	71691		80	13	5.75	8.2	5.1	42	T-40	-	50	-
SSH8.0X90	75138	71692		90	13	5.75	8.2	5.1	42	T-40	-	50	Yes
SSH8.0X100	75139	71609		100	13	5.75	8.2	5.1	55	T-40	-	50	-
SSH8.0X120	75140	76762		120	13	5.75	8.2	5.1	85	T-40	-	50	-
SSH8.0X140	75141	71701		140	13	5.75	8.2	5.1	85	T-40	-	50	-
SSH8.0X160	75142	73255		160	13	5.75	8.2	5.1	110	T-40	-	50	-
SSH8.0X180	75143	73256		180	13	5.75	8.2	5.1	110	T-40	-	50	-
SSH8.0X200	75144	73257		200	13	5.75	8.2	5.1	110	T-40	-	50	-
SSH8.0X240	75145	73258		240	13	5.75	8.2	5.1	110	T-40	-	50	-
SSH8.0X260	75146	73212		260	13	5.75	8.2	5.1	110	T-40	-	50	-
SSH8.0X280	75147	73213		280	13	5.75	8.2	5.1	110	T-40	-	50	-
SSH8.0X300	75148	73214	300	13	5.75	8.2	5.1	110	T-40	-	50	-	
SSH10.0X40	75149	71707	10	40	15	6	10.2	6.2	32	T-40	-	50	Yes
SSH10.0X50	75150	71708		50	15	6	10.2	6.2	42	T-40	-	50	-
SSH10.0X60	75151	71709		60	15	6	10.2	6.2	42	T-40	-	50	-
SSH10.0X80	75152	71710		80	15	6	10.2	6.2	42	T-40	-	50	Yes
SSH10.0X90	75153	71711		90	15	6	10.2	6.2	42	T-40	-	50	-
SSH10.0X100	75154	71712		100	15	6	10.2	6.2	55	T-40	-	50	-
SSH10.0X120	75155	71713		120	15	6	10.2	6.2	85	T-40	-	50	Yes
SSH10.0X140	75156	71714		140	15	6	10.2	6.2	85	T-40	-	50	-
SSH10.0X160	75157	71715		160	15	6	10.2	6.2	110	T-40	-	50	-
SSH10.0X180	75158	71716		180	15	6	10.2	6.2	110	T-40	-	50	Yes
SSH10.0X200	75159	73215	200	15	6	10.2	6.2	110	T-40	-	50	-	
SSH10.0X240	75160	73216	240	15	6	10.2	6.2	125	T-40	-	50	Yes	
SSH10.0X280	75161	73217	280	15	6	10.2	6.2	125	T-40	-	50	-	
SSH12.0X60	75162	71721	12	60	17	6.25	12.2	6.7	48	T-40	-	25	Yes
SSH12.0X80	75163	71722		80	17	6.25	12.2	6.7	48	T-40	-	25	Yes
SSH12.0X90	75164	71723		90	17	6.25	12.2	6.7	48	T-40	-	25	-
SSH12.0X100	75165	71724		100	17	6.25	12.2	6.7	55	T-40	-	25	-
SSH12.0X120	75166	76761		120	17	6.25	12.2	6.7	85	T-40	-	25	-
SSH12.0X140	75167	71726		140	17	6.25	12.2	6.7	85	T-40	-	25	-
SSH12.0X160	75168	71727		160	17	6.25	12.2	6.7	110	T-40	-	25	Yes
SSH12.0X180	75169	71728		180	17	6.25	12.2	6.7	110	T-40	-	25	-
SSH12.0X200	75170	71729	200	17	6.25	12.2	6.7	110	T-40	-	25	-	

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

SSH Hexagon Head Connector Screw Impreg®+

Compatible products

References	Compatible brackets	Compatible hangers	Compatible post bases
SSH8.0X40	EBC	-	-
SSH8.0X50	EBC	-	-
SSH8.0X60	EBC	-	-
SSH8.0X80	EBC	-	-
SSH8.0X90	EBC	-	-
SSH8.0X100	EBC	-	-
SSH8.0X120	EBC	-	-
SSH8.0X140	EBC	-	-
SSH8.0X160	EBC	-	-
SSH8.0X180	EBC	-	-
SSH8.0X200	EBC	-	-
SSH8.0X240	EBC	-	-
SSH8.0X260	EBC	-	-
SSH8.0X280	EBC	-	-
SSH8.0X300	EBC	-	-
SSH10.0X40	E5/1.5, E5/1.5/1.22/11, ABR100, ABR105	SBE, SAE(1), S45, S1030, S1530	-
SSH10.0X50	-	SBE, SAE(1), S45, S1030, S1530	-
SSH10.0X60	-	SBE, SAE(1), S45, S1030, S1530	-
SSH10.0X80	ABR105, E20/3	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X90	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X100	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X120	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X140	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X160	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X180	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X200	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X240	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH10.0X280	-	SBE, SAE(1), S45, S1030, S1530	PPA, PPRC, APB100/150, PBLR, PPSP
SSH12.0X60	-	SAE(2), GLE, GSE, S45	PBP60/50
SSH12.0X80	AE116, AG922, ABR255, AKRX3L	SAE(2), GLE, GSE, S45	PBP60/50
SSH12.0X90	-	SAE(2), GLE, GSE, S45	PBP60/50
SSH12.0X100	-	SAE(2), GLE, GSE, S45	PBP60/50
SSH12.0X120	-	SAE(2), GLE, GSE, S45	PBP60/50
SSH12.0X140	-	SAE(2), GLE, GSE, S45	PBP60/50
SSH12.0X160	-	SAE(2), GLE, GSE, S45	PBP60/50
SSH12.0X180	-	SAE(2), GLE, GSE, S45	PBP60/50
SSH12.0X200	-	SAE(2), GLE, GSE, S45	PBP60/50

SAE⁽¹⁾ = SAE200 and SAE250

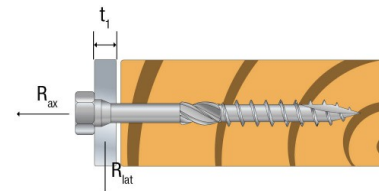
SAE⁽²⁾ = SAE300, SAE340, SAE380, SAE440 and SAE500

Technical data sheet

SIMPSON

Strong-Tie

SSH
Hexagon Head Connector Screw Impreg®+



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).

SSH
Hexagon Head Connector Screw Impreg®+

Installation

Winchester Road Cardinal Point Tamworth
Staffordshire B78 3HG
tel: +44 1827 255600
fax: +44 1827 255616

Copyright by Simpson Strong-Tie®

Information presented on this document is the exclusive property of Simpson Strong-Tie®
It is valid only when associated with products supplied by Simpson Strong-Tie®

SSH
**Hexagon Head Connector Screw
Impreg®+**



www.strongtie.co.uk