

## CSA CSA Connector Screw

CSA connector screw is developed for installing Simpson Strong-Tie connectors to timber, in order to obtain the published load bearing capacities. The conical shape under the head ensures a full contact with the connector which increases the transfer of force. A fixed connection with larger cross-bearing capacity than for standard screws is obtained. The 6 lobe recess helps to fix the screw during insertion.

### Features

#### Material

- Steel - Electro galvanised coating

#### Features

- ETA approved (ETA-04/0013)
- 6 lobe drive
- Conical shape under the head for secure fit in connector holes
- Type 17 point to prevent splitting of timber

### Applications

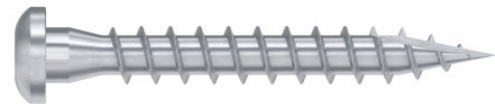
#### Suitable On

- **Supporting / Supported member:** solid wood, composite lumber, glued-laminated wood.

#### Common Applications

##### Fixing connectors to timber:

- Joist hangers
- Angle brackets
- Straps



CSA skruer



Connect timber battens.

CSA  
CSA Connector Screw

## Technical Data

### Product Dimensions



References	Fastener dimensions [mm]					Driver Bit	Box Quantity	Stocked in UK
	l	l <sub>g</sub>	d <sub>1</sub>	d	d <sub>h</sub>			
CSA4.0X30	30	24	2.5	3.95	7.3	TX15	250	Yes
CSA5.0X35	35	29	3.15	4.85	8.3	T20	250	Yes
CSA5.0X40	40	34	3.15	4.85	8.3	T20	250	Yes
CSA5.0X50	50	44	3.15	4.85	8.3	T20	250	Yes
CSA5.0X80	80	74	3.15	4.85	8.3	T20	200	-

Capacities are given for 2mm steel plate thickness and C24 timber. To determine the capacities for other steel thickness and / or timber grades, please refer to ETA-04/0013.  
Performance values based upon timber density of 350 kg/m<sup>3</sup>

### Characteristic Capacities

References	Characteristic Capacities [kN]	
	R <sub>ax,k</sub>	R <sub>lat,k</sub>
CSA4.0X30	1.28	1.36
CSA5.0X35	2.11	1.99
CSA5.0X40	2.47	2.25
CSA5.0X50	3.2	2.63
CSA5.0X80	5.38	3.5

Characteristic Capacities - used in Timber C24, for other material please refer to ETA-04/0013

R<sub>ax</sub> = axial withdrawal capacity

R<sub>lat</sub> = lateral capacity

