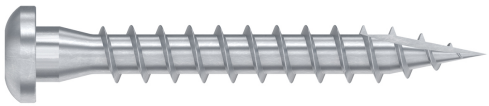
Technical Sheet

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.

Find it in the Solid Wood Application >













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

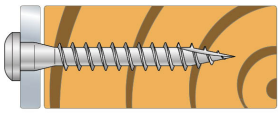


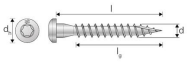
Connect timber battens.

Technical Sheet

CSA
CSA Connector Screw

Technical Data





Product Dimensions

Reference	Fasteners Dimensions									
	Other				Product Dimensions[mm]					
	Qty/box	Qty per outer box	Stocked in UK	Weight[kg]	l[mm]	lg[mm]	d_1[mm]	d[mm]	d_h[mm]	bit[mm]
CSA4.0X30	250.0	-	Yes	0.003	30	24	2.5	3.95	7.3	T-15
CSA5.0X25	250.0	2000.0	Yes	0.002	25	19	3.15	4.85	8.3	T-20
CSA5.0X35	250.0	2000.0	Yes	0.004	35	29	3.15	4.85	8.3	T-20
CSA5.0X40	250.0	2000.0	Yes	0.004	40	34	3.15	4.85	8.3	T-20
CSA5.0X50	250.0	2000.0	Yes	0.005	50	44	3.15	4.85	8.3	T-20
CSA5.0X80	200.0	2000.0	-	0.008	80	74	3.15	4.85	8.3	T-20

Capacities are given for 2 mm 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^3

Characteristic Capacities

Reference	Screw Loads	
	Characteristic capacities - Timber C24 acc to ETA-04/0013[kN]	
	$R_{ax.k}$[kN]	$R_{lat.k}$
CSA4.0X30	1.28	1.36
CSA5.0X25	1.38	1.49
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_{ax} = axial withdrawal capacity
R_{lat} = lateral capacity

CSA
CSA Connector Screw

Options









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