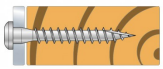
# Technical data sheet

CSA-T
**Connector Screw**

The CSA-T screw is CE marked and designed to faciliate the installation of angle brackets and connectors. It has a flat pan head and conical shape underneath to ensure full contact with the connector which enhances force transmission. The Type 17 point eliminates the need for pre drilling and reduces the risk of splitting the timber.



## Features

### Material

- Carbon steel - Electro galvanised clear zinc coating

### Benefits

- CE marked
- Flat pan head
- Conical shape under head to ensure full contact with connector
- Type 17 point
- Torx 20 drive (BITLTX20E)

## Applications

### Support

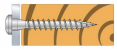
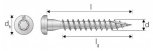
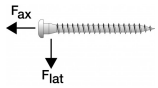
- Fastening connectors to timber

### Common Applications

- Fixing joist hangers to timber
- Fixing angle brackets to timber
- Fixing connectors to timber

# Technical Data

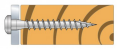
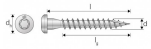
## Product dimensions and capacities


| References | Tun / DB nr. | NOB nr. | Fastener dimensions [mm] | | | | | | Max. rotation speed [r/min] | Characteristic capacities - Timber C24 acc to ETA-04/0013 [kN] | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | d | l | $d_h$ | $d_1$ | $l_g$ | Mouthpiece | | $R_{lat.k}$ [kN] | $R_{ax.k}$ |
| CSA5.0X35T | 1439922 | 43840576 | 4.85 | 35 | 8.3 | 3.15 | 29 | T-20 | 2500 | - | 2.11 |
| CSA5.0X40T | 1439929 | 43840595 | 4.85 | 40 | 8.3 | 3.15 | 34 | T-20 | 2500 | - | 2.47 |
| CSA5.0X50T | 1440026 | 43840606 | 4.85 | 50 | 8.3 | 3.15 | 44 | T-20 | 2500 | - | 3.2 |

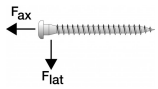
Capacities are given for 2 mm steel plate thickness and C24 timber. To determine the capacities for other steel thickness and / or timber grades, please refer to ETA-04/0013.

## Product Dimensions UK

| References | Fastener Dimensions [mm] | | | | Qty per Strip | Qty per Box | Recommended RPM | Quik Drive Attachment |
|---|---|---|---|---|---|---|---|---|
| | $d_h$ | d | l | $l_g$ | | | | |
| CSA5.0X35T | 8.3 | 4.85 | 35 | 29 | 25 | 1500 | 2500 | QDBPC50E |
| CSA5.0X40T | 8.3 | 4.85 | 40 | 34 | 25 | 1500 | 2500 | QDBPC50E |
| CSA5.0X50T | 8.3 | 4.85 | 50 | 44 | 25 | 1000 | 2500 | QDBPC50E |

## Performance Values UK




| References | Characteristic capacities - Timber C24 acc to ETA-04/0013 [kN] | |
|---|---|---|
| | $R_{lat.k}$ [kN] | $R_{ax.k}$ |
| CSA5.0X35T | - | 2.11 |
| CSA5.0X40T | - | 2.47 |
| CSA5.0X50T | - | 3.2 |

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



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