

# SWISSTEC Sourcing Ltd.



*Think Sourcing. Think SWISSTEC*

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Document No.: KKM011712-137

Item No: 500978421

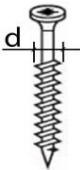
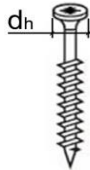
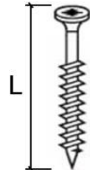
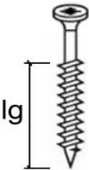
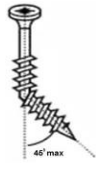
**Description:**

Frame screw torx head with nibs blue plated - 6x70

Material: Carbon steel C1022

Certificate No.: [E-30-20171-16](#)

Report No.: [1015-CPR-30-10729/5](#)

| Description                                                  | Nominal diameter                                                                    | Inner thread diameter                                                               | Head diameter                                                                       | Total length                                                                        | Thread length                                                                       | Torsional ratio<br>$F_{tor,k}/R_{tor,k}$                                            | Withdrawal parameter<br>(Loading across / along the fibre)                            | Head pull-through parameter                                                           | Yield moment<br>$I_2 = 1d$                                                            | Tensile capacity                                                                      |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                              | (mm)                                                                                | (mm)                                                                                | (mm)                                                                                | (mm)                                                                                | (mm)                                                                                | (Nm)                                                                                | (N/mm <sup>2</sup> )                                                                  | (N/mm <sup>2</sup> )                                                                  | (Nmm)                                                                                 | (kN)                                                                                  |
|                                                              |  |  |  |  |  |  |  |  |  |  |
| 6x70                                                         | 5.7 - 6.0                                                                           | 3.6 - 3.85                                                                          | 11.57 - 12.0                                                                        | 68.5 - 71.5                                                                         | 40.5 - 43.5                                                                         | 1.79                                                                                | 17.67 / 13.77                                                                         | 19.55                                                                                 | 10885                                                                                 | 13.49                                                                                 |
| Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> ) |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 450                                                                                 | 440                                                                                   | 440                                                                                   | -                                                                                     |                                                                                       |
| Durability (i.e. corrosion protection)                       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | Blue/yellow zinc plated Cr3, min 5 µm (Service Class 1 acc. To EN 1995-1-1)         |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

**The manufacturer declares for:**

The product is in accordance with EN 14592:2008+A1:2012 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 17 Apr 2019



Hieu Trong Nguyen