

SWISSTEC Sourcing Vietnam Joint Stock Company



Think Sourcing. Think SWISSTEC

18L1-2 Street 3, Vietnam-Singapore Industrial Park 2,
Thu Dau Mot City, Binh Duong Province. Vietnam.



Document No.: KKM011712-016

Item No: 500977746

Screw description:

CBS CSK FLAT HD TX10 6NIBS SAW HALF THRD TYP17 WZP CR3 C1022
3.5X50

Material: C1022

Certificate No.: [CPR-J-00141-21](#)

Report No.: [1015-CPR-30-15255/18/JZ](#)

| Size | Nominal diameter (mm) | Inner thread diameter (mm) | Head diameter (mm) | Total length (mm) | Thread length (mm) | Torsional ratio $F_{tor,k}/R_{tor,k}$ | Withdrawal parameter (Loading across / along the fibre) (N/mm ²) | Head pull-through parameter (N/mm ²) | Yield moment $I_2 = 1d$ (Nmm) | Tensile capacity (kN) |
|--|--------------------------|-------------------------------|-----------------------|----------------------|-----------------------|--|--|---|-------------------------------------|--------------------------|
| | | | | | | | | | | |
| 3.5x50 | 3.2 - 3.5 | 1.95 - 2.3 | 6.6 - 7.0 | 48.5 - 50.0 | 28.5 - 31.5 | Min 1.5 | 17.03 / 12.64 | 24.2 | 1848.7 (18 Deg) | 3.8 |
| Characteristic density of wood ρ_k (kg/m ³) | | | | | | 450 | 400 | 350 | - | |
| Durability (i.e. corrosion protection) | | | | | | Blue/yellow zinc plated, (3 to 10) μ m (Service Class 1 and 2 acc. to EN 1995-1-1) Ruspert (20 to 25) μ m (Service Class 2 acc. to EN 1995-1-1) Dacromet, (20 to 28) μ m (Service Class 3 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: 01 Feb 2023



Hieu Trong Nguyen