

# 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.: KKM051901-110

Item No: 502016642

Screw description:

CBS PAN HD TX20 FULL THRD WZP CR3 WAX C1022 5UM 4,5X25

Material: C1022

Certificate No.: [CPR-J-00131-21](#)

Report No.: [1015-CPR-30-15255/8/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)
4.5x25	4.25 - 4.5	2.6 - 2.8	8.64 - 9.0	23.95 - 25.0	Full	Min 1.5	16.01 / 12.61	29.81	3925.4 (15 Deg)	6.8
Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> )						450	350	350	-	
Durability (i.e. corrosion protection)						Blue/yellow zinc plated, (3 to 10) $\mu m$ (Service Class 1 and 2 acc. to EN 1995-1-1) Ruspert (20 to 25) $\mu m$ (Service Class 2 acc. to EN 1995-1-1) Dacromet, (20 to 28) $\mu m$ (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