

# 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.: KKM012109-251

Item No: 502315510

Screw description:

CBS CSK FLAT HD TX25 HALF THRD WZP 3UM NO WAX C1022 5X90

Material: C1022

Certificate No.: [CPR-J-00137-21](#)

Report No.: [1015-CPR-30-15255/14/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 <sup>2</sup> )	Head pull-through parameter (N/mm <sup>2</sup> )	Yield moment (Thread / Smooth section) $I_2 = 1d$ (Nmm)	Tensile capacity (kN)
5x90	4.7 - 5.0	2.95 - 3.15	9.64 - 10.0	88.25 - 90.0	52.5 - 55.5	Min 1.5	17.41 / 13.73	20.26	6617.7 / 11131.2 (Thread/smooth 14 Deg)	9.5
Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> )						450	440	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