

# 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.: KKM011712-139

Item No: 500978423

Screw description:

FRAME SCR FLAT HD TX30 6NIBS HALF THRD WZP CR3 C10B21 6X90

Material: C10B21

Certificate No.: [CPR-J-00892-20](#)

Report No.: [1015-CPR-30-14940/3/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 $I_2 = 1d$ (Nmm)	Tensile capacity (kN)
6x90	5.7 - 6.0	3.6 - 3.85	11.57 - 12.0	88.25 - 91.75	58.25 - 61.75	Min 1.5	16.77 / 13.21	20.12	9996.8 (Thread section, 12 Deg)	11.9
Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> )						350	350	350	-	
Durability (i.e. corrosion protection)						Blue/yellow zinc plated, thickness min. 3 $\mu$ m (Service Class 1 acc. To EN 1995-1-1) Dacromat zinc plated, thickness min. 10 $\mu$ m (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: 01 Feb 2023



Hieu Trong Nguyen