

# 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.: KKM011712-166

Item No: 500986595

Screw description:

CBS CSK FLAT HD TX20 6NIBS SAW HALF THRD TYP17 WZP CR3 C1022  
4X45

Material: C1022

Certificate No.: [CPR-J-00136-21](#)

Report No.: [1015-CPR-30-15255/13/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)
4x45	3.7 - 4.0	2.25 - 2.65	7.64 - 8.0	43.5 - 45.0	25.5 - 28.5	Min 1.5	16.93 / 11.11	23.08	3227.1 (17 Deg)	5.8
Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> )						450	400	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