

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.: KKM011712-042

Item No: 500977875

Screw description:

CBS CSK FLAT HD TX25 6NIBS SAW HALF THRD TYP17 WZP CR3 C1022
5X45

Material: C1022

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

Report No.: [1015-CPR-30-15255/14/JZ](#)

Size	Nominal diameter	Inner thread diameter	Head diameter	Total length	Thread length	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 (Thread / Smooth section) $I_2 = 1d$ (Nmm)	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(mm)					(kN)
										
5x45	4.7 - 5.0	2.9 - 3.2	9.64 - 10.0	43.5 - 45.0	25.5 - 28.5	Min 1.5	17.41 / 13.73	20.26	6617.7 / 11131.2 (Thread/ smooth 14 Deg)	9.5
Characteristic density of wood ρ_k (kg/m ³)						450	440	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