

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.: KKM031812-026

Item No: 501470347

Screw description:

CBS CSK FLAT HD TX20 6NIBS SAW HALF THRD TYP17 WZP CR3 C1022
4.5X80

Material: C1022

Certificate No.: [CPR-J-00142-21](#)

Report No.: [1015-CPR-30-15255/19/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 $I_2 = 1d$ (Nmm)	Tensile capacity (kN)
	(mm)	(mm)	(mm)	(mm)	(mm)					
										
4.5x80	4.25 - 4.5	2.55 - 2.85	8.64 - 9.0	78.5 - 80.0	48.25 - 51.75	Min 1.5	17.64 / 12.66	22.21	3944.4 (15 Deg)	6.9
Characteristic density of wood ρ_k (kg/m ³)						450	400	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