

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.: KKM061903-004

Item No: 502037777

Screw description:

CBS CSK FLAT HD TX25 6NIBS HALF THRD WZP CR3 C10B21 5X90

Material: C10B21

Certificate No.: [CPR-J-00891-20](#)

Report No.: [1015-CPR-30-14940/2/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 (kN)
	(mm)	(mm)	(mm)	(mm)	(mm)					
										
5x90	4.7 - 5.0	2.95 - 3.15	9.64 - 10.0	88.25 - 90.0	52.2 - 55.5	Min 1.5	17.36 / 12.87	23.98	5551.8 / 8398.9 (Thread/ smooth 14 Deg)	8.8
Characteristic density of wood ρ_k (kg/m ³)						350	350	350	-	
Durability (i.e. corrosion protection)						Blue/yellow zinc plated, thickness min. 3 μ m (Service Class 1 acc. To EN 1995-1-1) dacromat zinc plated, thickness min. 10 μ 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