

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.: KKM011712-106

Item No: 500978342

Screw description:

HOBASCR FLAT HD TX20 4NIBS FULL THRD YZP CR3 C1022 4.2X45

Material: C1022

Certificate No.: [CPR-J-00341-21](#)

Report No.: [1015-CPR-30-15255/32/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)					
										
4.2x45	4.07 - 4.3	2.5 - 2.7	7.0 - 7.5	43.5 - 45.0	Full	Min 1.5	14.70 / 11.84	25.04	4559 (16 Deg)	5.7
Characteristic density of wood ρ_k (kg/m ³)						450	350	370	-	
Durability (i.e. corrosion protection)						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