

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.: KKM051901-065

Item No: 502016256

Screw description:

CBS CSK FLAT HD TX20 HALF THRD SST A2/AISI 304 PASSIV. WAX
4,5X50

Material: SST A2

Certificate No.: [CPR-J-00129-21](#)

Report No.: [1015-CPR-30-15255/6/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)					
										
4.5x50	4.25 - 4.5	2.6 - 2.8	8.64 - 9.0	48.75 - 50.0	29.25 - 30.75	Min 1.5	18.38 / 13.33	22.1	2646.7 (15 Deg)	4.1
Characteristic density of wood ρ_k (kg/m ³)						450	350	400	-	
Durability (i.e. corrosion protection)						Stainless steel A2 (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 (It cannot be used in construction activities)".

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