

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.: KKM012109-253

Item No: 502326345

Product description:

WOOD SCREW BOX FXA TORX CS 4 SIZES 300

Material: C1022 & C10B21

Certificate No.: [CPR-J-00136-21](#)

[CPR-J-00137-21](#)

[CPR-J-00893-20](#)

Report No.: [1015-CPR-30-15255/13/JZ](#)

[1015-CPR-30-15255/14/JZ](#)

[1015-CPR-30-14940/4/JZ](#)

Size	Nominal diameter (mm)	Inner thread diameter (mm)	Head diameter (mm)	Total length (mm)	Thread length (mm)	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 (Ring / Smooth section) $I_2 = 1d$ (Nmm)	Tensile capacity (kN)
4x40 (C1022)	3.75 - 4.0	2.3 - 2.6	7.64 - 8.0	38.75 - 40.0	Full	Min 1.5	16.93 / 11.11	23.08	3227.1 (17 Deg)	5.8
5x50 (C1022)	4.7 - 5.0	2.95 - 3.15	9.64 - 10.0	48.75 - 50.0	28.5 - 31.5	Min 1.5	17.41 / 13.73	20.26	6617.7 / 11131.2 (Thread/ smooth 14 Deg)	9.5
5x80 (C1022)	4.7 - 5.0	2.95 - 3.15	9.64 - 10.0	78.5 - 80.0	46.5 - 49.5	Min 1.5	17.41 / 13.73	20.26	6617.7 / 11131.2 (Thread/ smooth 14 Deg)	9.5
6x100 (C10B21)	5.7 - 6.0	3.6 - 3.85	11.6 - 12.0	98.25 - 100.0	58.5 - 61.5	Min 1.5	16.44 / 12.41	20.68	9127.6 / 16137.6 (Thread/ smooth 12 Deg)	13

Characteristic density of wood ρ_k (kg/m ³)	450 450 350	400 440 350	350 350 350	-
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