

SWISSTEC Sourcing Vietnam Joint Stock Company



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Thu Dau Mot City, Binh Duong Province. Vietnam.



Document No.: KKM011712-177

Item No: 501152724

Product description:

CHIPBOARD SCREW BOX PROF 1600 PCS

Material: C1022 & C10B21

Certificate No.: [CPR-J-00141-21](#)
[CPR-J-00136-21](#)
[CPR-J-00137-21](#)
[CPR-J-00891-20](#)

Report No.: [1015-CPR-30-15255/18/JZ](#)
[1015-CPR-30-15255/13/JZ](#)
[1015-CPR-30-15255/14/JZ](#)
[1015-CPR-30-14940/2/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)
3.5x20 (C1022)	3.2 - 3.5	1.95 - 2.3	6.6 - 7.0	18.95 - 20.0	Full	Min 1.5	17.03 / 12.64	24.2	1848.7 (18 Deg)	3.8
3.5x30 (C1022)	3.2 - 3.5	1.95 - 2.3	6.6 - 7.0	28.5 - 30.0	16.5 - 19.5	Min 1.5	17.03 / 12.64	24.2	1848.7 (18 Deg)	3.8
4x25 (C1022)	3.7 - 4.0	2.25 - 2.65	7.64 - 8.0	23.95 - 25.0	Full	Min 1.5	16.93 / 11.11	23.08	3227.1 (17 Deg)	5.8

4x30 (C1022)	3.7 - 4.0	2.25 - 2.65	7.64 - 8.0	28.5 - 30.0	16.5 - 19.5	Min 1.5	16.93 / 11.11	23.08	3227.1 (17 Deg)	5.8
4x40 (C1022)	3.7 - 4.0	2.25 - 2.65	7.64 - 8.0	38.5 - 40.0	22.5 - 25.5	Min 1.5	16.93 / 11.11	23.08	3227.1 (17 Deg)	5.8
4x50 (C1022)	3.7 - 4.0	2.25 - 2.65	7.64 - 8.0	48.5 - 50.0	28.5 - 31.5	Min 1.5	16.93 / 11.11	23.08	3227.1 (17 Deg)	5.8
5x50 (C1022)	4.7 - 5.0	2.9 - 3.2	9.64 - 10.0	48.5 - 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
5x60 (C1022)	4.7 - 5.0	2.9 - 3.2	9.64 - 10.0	58.5 - 60.0	34.5 - 37.5	Min 1.5	17.41 / 13.73	20.26	6617.7 / 11131.2 (Thread/ smooth 14 Deg)	9.5
5x70 (C10B21)	4.7 - 5.0	2.9 - 3.2	9.64 - 10.0	68.5 - 70.0	40.5 - 43.5	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)						450 450 450 350	400 400 440 350	350 350 350 350	-	
Durability (i.e. corrosion protection)						Blue/yellow zinc plated Cr3, (3 - 10) μm (Service Class 1 and 2 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