

# SWISSTEC Sourcing Ltd.



*Think Sourcing. Think SWISSTEC*

18L1-2 Street 3, Vietnam-Singapore Industrial Park 2,  
Thu Dau Mot City, Binh Duong Province. Vietnam.



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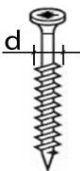

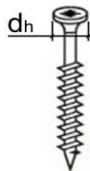
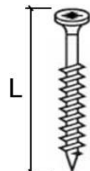
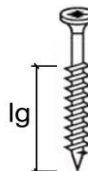


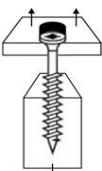
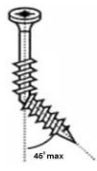

**Description:**

Chipboard screw torx head with nibs type 17 saw thread waxed blue plated - 4.5x20

Material: Carbon steel C1022

Certificate No.: [E-30-20651-17](#)

Report No.: [1015-CPR-30-11211/6](#)

	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)	Head pull-through parameter	Yield moment $I_2 = 1d$	Tensile capacity
Description	(mm)	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	(Nmm)	(kN)
										
4.5x20	4.25 - 4.5	2.55 - 2.85	8.64 - 9.0	18.95 - 20.0	Full	4.36	17.64 / 12.66	22.21	5539	7.23
Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> )						350	400	350	-	
Durability (i.e. corrosion protection)						Blue/yellow zinc plated Cr3, (3 - 10) $\mu$ 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: 17 Apr 2019



Hieu Trong Nguyen