

# SWISSTEC Sourcing Ltd.



*Think Sourcing. Think SWISSTEC*

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



Document No.: KKM051901-112

Item No: 502016644

**Description:**

CBS PAN HD TX20 FULL THRD WZP CR3 WAX STL 5um 4.5x35

Material: Carbon steel

Certificate No.: CPR-J-00478-19

Report No.: 1015-CPR-30-11526/3/JZ

Description	Nominal diameter	Inner thread diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter (Loading across / along the fibre) (N/mm <sup>2</sup> )	Head pull-through parameter (N/mm <sup>2</sup> )	Yield moment $I_2 = 1d$ (Nmm)	Tensile capacity (kN)
	(mm)	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	(Nmm)	(kN)
4.5x35	4.25 - 4.5	2.6 - 2.8	33.75 - 35.0	8.64 - 9.0	Full	2.81	16.01 / 12.61	29.81	4799	7.15
Characteristic density of wood $\rho_k$ (kg/m <sup>3</sup> )						450	350	350	-	
Durability (i.e. corrosion protection)						Blue/yellow zinc plated Cr3, 5µm (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: 11 Mar 2019



Hieu Trong Nguyen