

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.: KKM021710-006

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Screw description:

CBS CSK FLAT HD TX20 4NIBS SAW HALF THRD TYP17 HRD DURC.
BROWN SST C1/AISI 410 4.5X55/25.5

Material: AISI 410

Certificate No.: [CPR-J-00150-21](#)

Report No.: [1015-CPR-30-15255/27/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)					
										
4.5x55	4.25 - 4.5	2.6 - 2.8	8.64 - 9.0	53.5 - 55.0	24.0 - 27.0	Min 1.5	17.84 / 12.74	22	4061.2 (15 Deg)	6.7
Characteristic density of wood ρ_k (kg/m ³)						450	440	440	-	
Durability (i.e. corrosion protection)						Stainless steel AISI 410 (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