

SWISSTEC Sourcing Ltd.



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



Document No.: KKM051901-165

Item No: 502016698

Description:

CBS CSK FLAT HD TX20 HALF THRD SST A2 PASSIVATED WAX 4.5x60

Material: A2

Certificate No.: E-30-20163-16

Report No.: 1015-CPR-30-10720/4

| 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^2) | Head pull-through parameter (N/mm^2) | Yield moment $l_2 = 1d$ (Nmm) | Tensile capacity (kN) |
|--------------------------------------------------------------|------------------|-----------------------|--------------|---------------|---------------|----------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------|---------------------------------------|----------------------------|
| | (mm) | (mm) | (mm) | (mm) | (mm) | (Nm) | (N/mm^2) | (N/mm^2) | (Nmm) | (kN) |
| | | | | | | | | | | |
| 4.5x60 | 4.25 - 4.5 | 2.6 - 2.8 | 58.5 - 60.0 | 8.64 - 9.0 | 34.5 - 37.5 | 2.32 | 18.54 / 13.64 | 22.1 | 3073 | 4.57 |
| Characteristic density of wood ρ_k (kg/m ³) | | | | | | 450 | 350 | 400 | - | |
| Durability (i.e. corrosion protection) | | | | | | Stainless steel A2 (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: 18 Apr 2019



Hieu Trong Nguyen