

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.: KKM011712-107

Item No: 500978358

Screw description:

HOBAN SCR FLAT HD TX20 4NIBS HALF THRD YZP CR3 C1022 4.2X57

Material: C1022

Certificate No.: [CPR-J-00341-21](#)

Report No.: [1015-CPR-30-15255/32/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 $I_2 = 1d$ (Nmm)	Tensile capacity (kN)
4.2x57	4.07 - 4.3	2.5 - 2.7	7.0 - 7.5	55.5 - 57.0	36.5 - 39.5	1.66	14.70 / 11.84	25.04	4799 (16 Deg)	6
Characteristic density of wood ρ_k (kg/m ³)						450	350	370	-	
Durability (i.e. corrosion protection)						Yellow zinc plated, (3 to 10) μ m (Service Class 1 and 2 acc. to EN 1995-1-1) Ruspert (20 to 25) μ m (Service Class 2 acc. to EN 1995-1-1) Dacromet, (20 to 28) μ m (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: 12 May 2021



Hieu Trong Nguyen

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Document No.: KKM011712-107

Item No: 500978358

Description:

Hobau screw, double countersunk, torx head with 4nibs YZP Cr3 - 4.2x57

Material: C1022

Certificate No.: [CPR-J-01881-19](#)

Report No.: [1015-CPR-30-14281/18/JZ](#)

Description	Nominal diameter (mm)	Inner thread diameter (mm)	Head diameter (mm)	Total length (mm)	Thread length (mm)	Torsional ratio $F_{tor,k}/R_{tor,k}$ (Nm)	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)
4.2x57	4.07 - 4.3	2.5 - 2.7	7.0 - 7.5	55.5 - 57.0	36.5 - 39.5	2.45	14.44 / 10.42	25.05	4190 (Thread section, 16 Deg)	7.45
Characteristic density of wood ρ_k (kg/m ³)						450	350	400	-	
Durability (i.e. corrosion protection)						Yellow zinc plated Cr3, min 5 μ m (Service Class 1 or 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: 29 Aug 2020



Hieu Trong Nguyen

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Document No.: KKM011712-107

Item No: 500978358

Description:

Hobau screw, double countersunk, torx head with 4nibs YZP Cr3 - 4.2x57

Material: Carbon steel C1022

Certificate No.: [E-30-20665-15](#)

Report No.: [1015-CPR-30-10641/2](#)

Description	Nominal diameter (mm)	Inner thread diameter (mm)	Head diameter (mm)	Total length (mm)	Thread length (mm)	Torsional ratio $F_{tor,k}/R_{tor,k}$ (Nm)	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)
4.2x57	4.07 - 4.3	2.5 - 2.7	7.0 - 7.5	55.5 - 57.0	36.5 - 39.5	2.45	15.09 / 10.55	25.56	4771	7.82
Characteristic density of wood ρ_k (kg/m ³)						450	350	400	-	
Durability (i.e. corrosion protection)						Yellow zinc plated Cr3, min 5 μ m (Service Class 1 or 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: 17 Apr 2019



Hieu Trong Nguyen