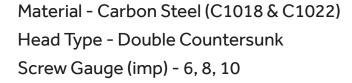


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Declaration of Performance

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Twin-Thread Woodscrews





We hereby declare these designated products have performed initial type testing under system 3, Annex V of the regulation (EU) no. 305/2011 (Construction Products Regulation), with the reference to the harmonised European standard (hEN) BS EN 14592:2008+A1:2012 (Timber structures - Dowel type fasteners - Requirements) for screws intended for the use in "load bearing timber structures" and produced the calculation/test reports as attached;

The initial type testing has been carried out by independent notified body; Strojirensky Zkusebni Ustav, NB # 1015, Hudcova 424/56B, 621 00 Brno-Medlánky, Czechia

Certificate Number: CPR-J-01067-22 to CPR-J-01069-22 Test Report Number: No. 30-16090/1/JP to 30-16090/3/JP

Factory Process Control (FPC) has been established by the factory.

This declaration is valid until there is a significant change in the product and declared characteristics. ie. raw material or change in production process.

This declaration is the responsibility of the importer ; T.I.Midwood & Co. Ltd.





Cert No: CPR-J-01067-22

Test Report No: 30-16090/1/JP

Declaration of Performance

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Twin-Thread Woodscrews

Double Countersunk Head - 6g

Material & Geometry

Material Carbon Steel (C1018	
Screw gauge (imp)	6
Head diameter (mm)	6.87
Inner thread diameter (mm)	2.73
Mechanical Strength & Stiffness	
Characteristic yield moment M _{y,k} at 18° [Nmm] (thread section) in acc. to EN 409	2514
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm ²] in account with density of wood $\rho_k = 350 \text{kg/m}^3$	to EN 1382 16.86
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. with density of wood ρ_k = 350kg/m³	to EN 1382 13.24
Characteristic head pull-through parameter $f_{ens,k}$ [N/mm ²] in acc. to EN 1383 with density of wood ρ_k = 350kg/m ³	26.42
Characteristic tensile capacity f _{tens,k} [kN] in acc. to EN 1383	4.81
Characteristic torsional ratio in acc. to EN 15737 with density of wood ρ_k = 450kg/m ³	4.82

Durability

Coating (Finish) Zinc coating

Corrosion protection Service Class 1 acc. to EN 1995-1-1



Cert No: CPR-J-01068-22 Test Report No: 30-16090/2/JP

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Declaration of Performance

Twin-Thread Woodscrews

Double Countersunk Head - 8g

Material & Geometry

Material Carbon Steel (C1018	
Screw gauge (imp)	8
Head diameter (mm)	7.98
Inner thread diameter (mm)	3.23
Mechanical Strength & Stiffness	
Characteristic yield moment My.k at 16° [Nmm] (thread section) in acc. to EN 409	3131
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm ²] in account with density of wood $\rho_k = 350 \text{kg/m}^3$	c. to EN 1382 16.72
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. with density of wood ρ_k = 350kg/m³	to EN 1382 13.24
Characteristic head pull-through parameter $f_{ens,k}$ [N/mm ²] in acc. to EN 1383 with density of wood ρ_k = 350kg/m ³	24.84
Characteristic tensile capacity ftens,k [kN] in acc. to EN 1383	6.14
Characteristic torsional ratio in acc. to EN 15737 with density of wood ρ_k = 450kg/m ³	5.49

Durability

Coating (Finish) Zinc coating

Corrosion protection Service Class 1 acc. to EN 1995-1-1



Cert No: CPR-J-01069-22

Test Report No: 30-16090/3/JP

Declaration of Performance

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Twin-Thread Woodscrews

Double Countersunk Head - 10g

Material & Geometry

Material	Carbon Steel (C1018 & C1022)
Screw gauge (imp)	10
Head diameter (mm)	9.64
Inner thread diameter (mm)	3.57
Mechanical Strength & Stiffness	
Characteristic yield moment M _{y,k} at 15° [Nmm] (thread section) in acc. to EN 40	9 3218
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm ²] in a with density of wood ρ_k = 350kg/m ³	cc. to EN 1382 16.38
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in ac with density of wood ρ_k = 350kg/m³	c. to EN 1382 13.01
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm ²] in acc. to EN 1383 with density of wood ρ_k = 350kg/m ³	22.12
Characteristic tensile capacity f _{tens,k} [kN] in acc. to EN 1383	6.54
Characteristic torsional ratio in acc. to EN 15737 with density of wood ρ_k = 450kg/m ³	2.78

Durability

Coating (Finish) Zinc coating

Corrosion protection Service Class 1 acc. to EN 1995-1-1