# Declaration of Performance

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| **Declaration of performance no.:** | DOP-320840-2026 |
| **1. Unique identification code of the product type:** | CT 08400 |
| **2. Intended use or uses:** | For connecting wooden load-bearing structures with wooden elements |
| **3. Manufacturer:** | DOMAX Sp. z o.o. Łężyce, al. Parku Krajobrazowego 109 84-207 Koleczkowo, Polska |
| **4. Authorized representative:** | nd |
| **5. System(s) for assessment and verification of constancy of performance:** | 3 |
| **6. European Assessment Document:** | EAD 130118-01-0603 (2019) |
| **European technical assessment:** | ETA 19/0474 (01.08.2026) |
| **Technical evaluation unit:** | Technický a zkušební ústav stavební Praha |
| **Notified body or bodies:** | 1020 |

**7. Declared Performance**

| Essential characteristics | Performance characteristics |
|---|---|
| Mechanical strength and durability | |
| Dimensions | d= 8,0 +/-0,2, l= 400 +/-10,0, lg=100 +/-5,0, dhead= 20 +/- 0,5, ds= 5,75 +0/-0,05, d1= 5,3 +/- 0,13 |
| Characteristic plasticizing moment of the smooth part (Nmm) | - |
| Characteristic plasticization torque of the threaded part (Nmm) | 26070 |
| Characteristic pullout strength radial to wood fiber fax,k (N/mm2) | 22,05 (g=350 kg/m3) |
| Characteristic pullout strength tangentially to wood fibers fax,k (N/mm2) | 22,17 (g=350 kg/m3) |
| Characteristic pullout strength along wood fibers fax,k (N/mm2) | 11,28 (g=350 kg/m3) |
| Characteristic tensile strength of the head radially to the fiber fhead,k (N/mm2) | 16,31 g= 380 kg/m3) |
| Characteristic resistance to pulling the head tangentially to the wood fibers fhead,k (N/mm2) | 31,56 (g=380 kg/m3) |
| Specific tensile strength ftens,k (kN) | 23,17 |
| Characteristic yield strength (MPa) | 1067.11 |
| Characteristic torsional strength ftor,k (Nm) | 25,65 |
| Screw-in torque (Nm) | 5,40 |
| Characteristic torsion factor ftor,k/Rtor,k | 4,75 |
| Bending angle | 42°70' |
| Corrosion resistance | Fe/Zn 12c |
| Safety in case of fire | |
| Response to fire | A1 |

The performance of the product identified above is consistent with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer:

Marek Dobrowolski

Łężyce, 14.09.2026

President of the Company's Board

