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EN 14592:2008+A1:2012

Circular smooth shank nails for timber

Diameter = 2,2 mm Length = 27 - 65 mm

Properties of the material used:

- non alloy wire rod in accordance with EN 10016-1 to 4
- tensile strength in accordance with EN 10218-1, min. 600 N/mm²

Mechanical strength and stiffness:

- Yield moment: **$M_{y,k} = 1.415 \text{ Nmm}$**
- Withdrawl parameter: **$f_{ax,k} = 2,12 \text{ N/mm}^2$**
in timber of characteristic density 520 kg/m³
- Head pull-through parameter: **$f_{head,k} = 37,74 \text{ N/mm}^2$**
in timber of characteristic density 427 kg/m³
- Tensile capacity: **$f_{tens,k} = 2,32 \text{ kN}$**

Durability (corrosion-resistance):

Hot-dipped galvanized (Service Class 3 according to EN 1995-1-1)