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EN 14592:2008+A1:2012

Circular smooth shank nails for timber

Diameter = 3,8 mm    Length = 100 - 130 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/mm<sup>2</sup>

**Mechanical strength and stiffness:**

- Yield moment:  **$M_{y,k} = 6.783 \text{ Nmm}$**
- Withdrawal parameter:  **$f_{ax,k} = 3,72 \text{ N/mm}^2$**   
in timber of characteristic density 520 kg/m<sup>3</sup>
- Head pull-through parameter:  **$f_{head,k} = 44,23 \text{ N/mm}^2$**   
in timber of characteristic density 427 kg/m<sup>3</sup>
- Tensile capacity:  **$f_{tens,k} = 6,60 \text{ kN}$**

**Durability (corrosion-resistance):**

Electrogalvanized (Service Class 2 according to EN 1995-1-1)