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EN 14592:2008+A1:2012

Circular smooth shank nails for timber

Diameter = 3,4 mm    Length = 90 - 110 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:  $M_{y,k} = 5.780 \text{ Nmm}$
- Withdrawl parameter:  $f_{ax,k} = 3,73 \text{ N/mm}^2$   
in timber of characteristic density 520 kg/m<sup>3</sup>
- Head pull-through parameter:  $f_{head,k} = 36,10 \text{ N/mm}^2$   
in timber of characteristic density 427 kg/m<sup>3</sup>
- Tensile capacity:  $f_{tens,k} = 3,43 \text{ kN}$

**Durability (corrosion-resistance):**

Non-alloy steel (Service Class 1 according to EN 1995-1-1)