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## EN 14592/A1

Circular smooth shank nails for timber

Diameter = 4,6 mm    Length = 145 - 220 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:  $M_{y,k} = 10,488 \text{ Nmm}$
- Withdrawl parameter:  $f_{ax,k} = 3,64 \text{ N/mm}^2$   
in timber of characteristic density 520 kg/m<sup>3</sup>
- Head pull-through parameter:  $f_{head,k} = 25,33 \text{ N/mm}^2$   
in timber of characteristic density 427 kg/m<sup>3</sup>
- Tensile capacity:  $f_{tens,k} = 8,31 \text{ kN}$

### Durability (corrosion-resistance):

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