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EN 14592/A1

Circular screw shank D-Head nails for timber
Diameter = 3,1 mm Length = 65 - 100 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: $M_{y,k} = 4.406 \text{ Nmm}$
- Withdrawl parameter: $f_{ax,k} = 3,44 \text{ N/mm}^2$
in timber of characteristic density 450 kg/m³
- Head pull-through parameter: $f_{head,k} = 28,75 \text{ N/mm}^2$
in timber of characteristic density 450 kg/m³
- Tensile capacity: $f_{tens,k} = 4,91 \text{ kN}$

Durability (corrosion-resistance):

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