



EN 14592:2018+A1:2012



L. Künzel Nagelfabrik GmbH



Certificate

Circular steel Coil nails for structural timber products

Diameter = 2,8 mm Length = 40 - 88 mm

Properties of the material used:

- non alloy low carbon steel, galvanized
- tensile strength in accordance with EN 10218-1, min. 850 N/mm²

Characteristic mechanical properties:

- Characteristic yield moment: **$M_{y,k} = 3374 \text{ Nmm}$**
- Characteristic withdrawal parameter:
referred to wood with a characteristic density not less than 422 kg/m³ **$f_{ax,k} = 1,3 \text{ N/mm}^2$**
- Characteristic Head pull-through parameter:
referred to wood with a characteristic density not less than 422 kg/m³ **$f_{head,k} = 16,4 \text{ N/mm}^2$**
- Characteristic tensile capacity: **$f_{tens,k} = 5,0 \text{ kN}$**

Durability (Corrosion Protection):

Bright - Service Class 1 or
Galv < 12 ym Service Class 1 or
Galv 12 ym Service Class 2 acc. to EN1995-1-1

On the basis of the obtained test results presented in this Report, in the agreed scope, in accordance with the requirements of the standard **EN 14592:2018 +A1:2012** Table 2, an ASSESSMENT OF PERFORMANCE was prepared for the tested product.