



www.BeA-Group.com

2011

EN 14592/A1

Circular ring 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/mm²

Mechanical strength and stiffness:

- Yield moment: **$M_{y,k} = 6.731 \text{ Nmm}$**
- Withdrawl parameter: **$f_{ax,k} = 5,18 \text{ N/mm}^2$**
in timber of characteristic density 520 kg/m³
- Head pull-through parameter: **$f_{head,k} = 37,39 \text{ N/mm}^2$**
in timber of characteristic density 427 kg/m³
- Tensile capacity: **$f_{tens,k} = 5,98 \text{ kN}$**

Durability (corrosion-resistance):

Hot-dipped galvanized (Service Class 3 according to EN 1995-1-1)