



[www.BeA-Group.com](http://www.BeA-Group.com)

2011

## EN 14592/A1

Circular smooth shank D-Head nails for timber

Diameter = 2,9 mm    Length = 50 - 80 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:  $M_{y,k} = 2.934 \text{ Nmm}$
- Withdrawl parameter:  $f_{ax,k} = 1,83 \text{ N/mm}^2$   
in timber of characteristic density 450 kg/m<sup>3</sup>
- Head pull-through parameter:  $f_{head,k} = 30,37 \text{ N/mm}^2$   
in timber of characteristic density 450 kg/m<sup>3</sup>
- Tensile capacity:  $f_{tens,k} = 4,23 \text{ kN}$

### Durability (corrosion-resistance):

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