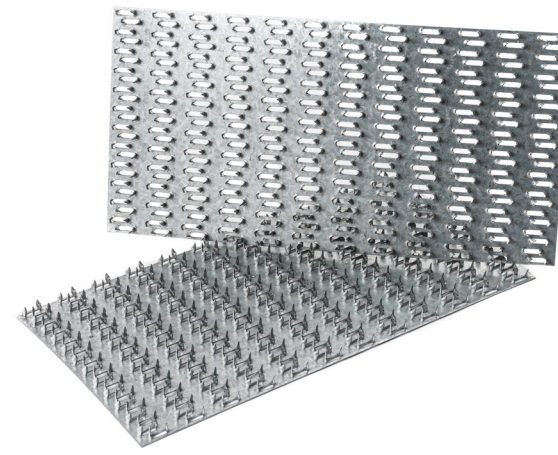




## Your strong partner: The BeA-Group

- Own development of our machines, tools and fasteners
- Own production in Germany and Europe
- 14 subsidiaries
- 3 branch offices, 5 joint ventures
- Distribution partners in 40 countries
- 20,000 customers worldwide
- Highest service and expert advice
- Quick and reliable delivery
- Market and quality leader in Europe
- More than 100 years experience in fastening and technology
- Family run company



by **BeA**  
THE POWER OF FASTENING

NAILPLATE SYSTEM

## BeA – THE POWER OF FASTENING

### Your system supplier for timber structures

From product selection via technical support through to service

- BeA ARCTEC software for truss design
- BeA nailplates with CE approval and DoP
- BeA fastening tools for stapling, nailing and screwing
- BeA fasteners with CE approval and ETA
- BeA Autotec: automated fastening technology for robot systems
- BeA engineering software for on roof insulation and timber construction
- BeFix woodworking screws with ETA
- BeA wood connectors with CE approval
- BeA XL for industrial packaging
- BeCoFix concrete anchors with CE, ETA and DoP

For more information and appointment please contact our professional service:  
Tel. +49(0)160 670 23 80  
jerg.bartenbach@behrens-group.com

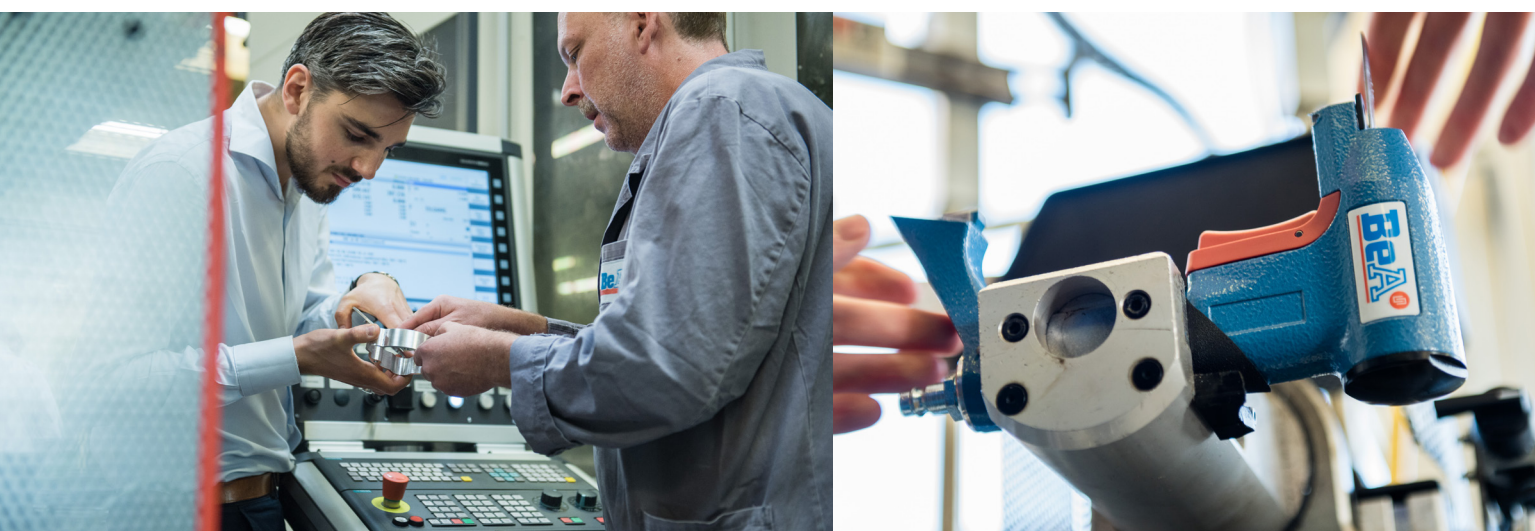
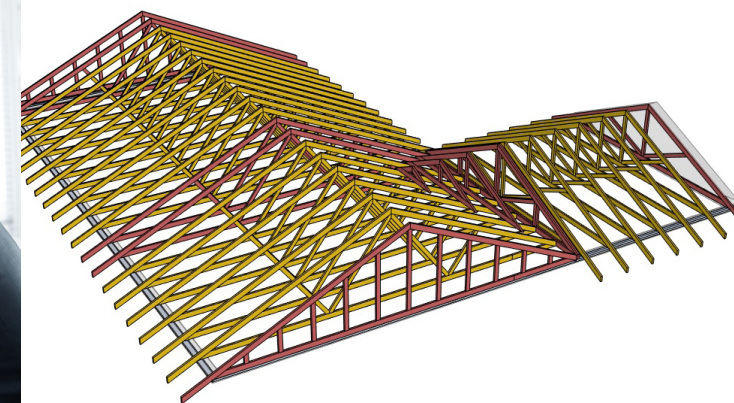
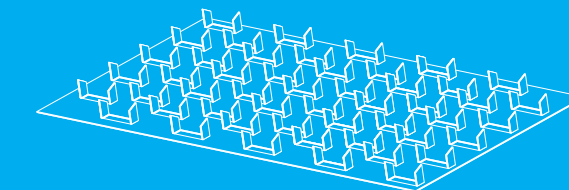
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BeA is a member of the following associations:



## Modern roof truss designs: BeA system competence from one single source





## Competence from one single source

Using nailplates means economical, efficient and very secure connections can be created in timber construction – above all on roof trusses.

BeA offers you a complete system for modern roof truss production from a single source:

- ARCTEC, a user friendly and very powerful calculation software
- Our own European manufacturing of approved nailplates made of galvanised steel and stainless steel
- Very efficient logistics at our German headquarters
- Expert advice and support during the complete process.

## You can rely on us.

The BeA-Group is one of Europe's market leading system suppliers for fastening technology for timber and wood like materials: The Power of Fastening. For more than 100 years our name has stood for highest quality and service and esteemed, fair and long lasting business relationships.

## ARCTEC calculation software: Your benefits

The ARCTEC calculation software ensures the maximum utilisation of the structural performance capabilities of the nailplates and timber cross sections – always calculated on the basis of Eurocode 5 and national appendices. This reduces the variety of the raw material and decreases your stock and pre-cut capacities.

In addition, ARCTEC's broad performance capability allows very individual and complex roof truss designs – from detached houses to large buildings with 35 metres span.

The simple user guide, visual representations and the display of the relevant calculation parameters simplify the design of roof trusses. A library of the most frequently used span designs saves time during the design phase.

ARCTEC displays your NP design in various 3D perspectives, creates auditable structural calculations and prints cutting lists, as well as manufacturing and assembly drawings according to your needs. The CAD data can be exported directly to the machines and the press, thus reducing errors and optimising your manufacturing capacity.

We are continuously developing ARCTEC further to ensure that you will always have the optimum programme available.

Large service range:

- On-site support
- Software installation
- Support by phone
- Online support with Teamviewer
- Automatic updates

## Connector plates in premium quality

Connector plates are exposed to high load stresses. BeA offers you approved nailplates in premium quality from our own European manufacturing operation. BeA's nailplates' high structural coefficients make it possible to reduce the size and the number of plates used. This minimises your costs.

The BeA-Group produces an extensive range of connector plates made of high quality galvanised steel and stainless steel in various thicknesses and sizes.

We would be glad to manufacture nailplates according to your specifications. Plates with our unique nail geometry can be fitted using C-presses and table presses with the same capacity. This increases your flexibility. We would be happy to advise on the selection of a suitable press.

BeA Headquarters Ahrensburg/Germany

