

# Böllhoff

## Böllhoff Verbindungstechnik GmbH

### About this organisation

Innovative partner for joining technology with assembly and logistics solutions

Böllhoff is your partner for 360° joining technology with assembly and logistics solutions – worldwide. As a family-owned company we have been standing for long-term success through innovative capacity and local presence since 1877. We know the specific needs of our customers from all industries and support them in enabling successful connections. More than 3,000 employees continuously shape the future of joining technology – both at our headquarters in Bielefeld, Germany, and in our subsidiaries around the world.

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Germany  
[www.boellhoff.com](http://www.boellhoff.com)



**Main areas covered** Joining Technology, Assembly Systems, Standard Screws, Special Fasteners , Distribution of Fasteners

**Infrastructure** accredited laboratory, technical application consulting

**Certifications** IATF 16949, IRIS, TS 16949, EN 9100, DIN EN ISO 9001

**Keywords** joining technology, fasteners, lightweight

**Memberships**

#### Organisation type

Large enterprises

#### Sectors



#### Employees

500 and more

#### Turnover

More than €50m

#### Funding

### Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Machines and plants, Systems and end products, Materials, Tools and moulds		✓	✓
<b>Services &amp; consulting</b> Training, Consulting, Distribution, Testing and trials, Engineering, Standardisation, Prototyping, Validation, Simulation		✓	
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction		✓	✓
<i>Functional integration</i>			
<b>Measuring and testing technology</b> Component and part analysis, Visual analysis (e.g. microscopy, metallography), System analysis, Materials analysis, Destructive analysis, Non-destructive analysis		✓	✓
<b>Modelling and simulation</b> Loads & stress, Optimisation, Processes, Structural mechanics		✓	
<b>Plant construction &amp; automation</b> Plant construction, Automation technology, Handling technology, Robotics		✓	✓
<i>Recycling technologies</i>			

### Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing, Selective laser sintering (SLS)		✓	✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<b>Forming</b> Bending, Impact extrusion, Rolling	✓	✓	✓
<b>Joining</b> Clinching, Hybrid joining, Adhesive bonding, Riveting, Screwing	✓	✓	✓
<b>Material property alteration</b> Mechanical treatment, Heat treatment		✓	✓
<b>Primary forming</b> Injection moulding	✓	✓	✓
<b>Processing and separating</b> Drilling, Turning, Milling, Electrical discharge machining, Honing, Sawing, Shearing/punching, Grinding, Cutting		✓	✓
<i>Textile technology</i>			

## Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
<b>Material</b>			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<b>Metals</b> Aluminium, Intermetallic alloys, Steel			✓
<b>Plastics</b> Thermoset plastics, Elastomers, Thermoplastics			✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

## Contacts

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