

# Gühring KG

Large industrial company

## About this organisation

### Machine translation

This organisation has been machine-translated based on data provided in German.

Gühring KG from Albstadt is a full-range supplier of rotary cutting tools. Gühring is present in all important markets: customers from the automotive, aerospace and mechanical engineering industries rely on the trend-setting tools, which are manufactured worldwide to the highest quality standards.

If we focus on the machining types of drilling, reaming and threading, the machining of lightweight materials in particular presents a wide range of requirements in terms of cost-effective manufacturing processes. Gühring fulfils these requirements in a special way with new high-performance tools that enable use with extreme cutting parameters.

Herderstraße 50-54  
72458 Albstadt  
Baden-Württemberg  
Germany  
[www.guehring.de](http://www.guehring.de)

**Main areas covered** Rotating precision tools

**Infrastructure** CNC grinding machines, In-house carbide production, Worldwide 61 Production and service, Test field machining centres, SEM, EDX, high-speed and thermal camera

**Certifications** ISO 9001:2008, EN ISO 13485 + AC:2009, ISO 14001:2004 + Cor 1:2009, VDA 6.1; VDA 6.4, TS 16949; EFQM; FDA; Aviation;

**Keywords** Milling cutter, Drill, Reamers, Threading tools, Cutting tools

**Memberships** Composites Untied e.V., LBZ-BW, VDMA, VDW

### Organisation type

Large enterprises

### Sectors



### Employees

500 and more

### Turnover

More than €50m

### Funding

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## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Semi-finished parts, Machines and plants, Tools and moulds	✓	✓	✓
<b>Services &amp; consulting</b> Training, Consulting, Distribution, Testing and trials, Validation, Simulation, Technology transfer, Maintenance and repair	✓	✓	✓
<b>Field of technology</b>			
<i>Design &amp; layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<b>Plant construction &amp; automation</b> Plant construction	✓	✓	✓
<i>Recycling technologies</i>			

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<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS), Stereolithography	✓	✓	✓
<b>Coating (surface engineering)</b> Plasma process, Powder coating, Sputtering	✓	✓	✓
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<b>Material property alteration</b> Thermochemical treatment, Thermomechanical treatment, Heat treatment	✓	✓	✓
<i>Primary forming</i>			
<b>Processing and separating</b> Drilling, Turning, Milling, Grinding	✓	✓	✓
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<b>Biogenic materials</b> Bioplastics, Biocomposites, Wood	✓		✓
<b>Cellular materials (foam materials)</b> Closed-pore, Open-pore, Syntactic foams	✓		✓
<b>Composites</b> Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Nanocomposites	✓		
<b>Fibres</b> Aramid fibres, Glass fibres, Ceramic fibres, Carbon fibres, Natural fibres	✓		
<i>Functional materials</i>			
<b>Metals</b> Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓		✓
<b>Plastics</b> Thermoset plastics, Elastomers, Thermoplastics, Others (Combined layer structures / laminates)	✓		✓
<b>Structural ceramics</b> Monolithic ceramics, Non-oxidic ceramics, Oxidic ceramics, Ultra-high-temperature ceramics	✓		
<i>(Technical) textiles</i>			

## Contacts

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