

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

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

Overview of lightweighting expertise

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

Overview of lightweighting expertise

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

Overview of lightweighting expertise

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

Contacts

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