

About this organisation

tübinger stahlfeinguss (tsf) stands for unparalleled competence in the production of high precision investment casting parts. tsf products cover a wide range of application options. We excel at developing and realizing investment cast components from prototype to series production fast and flexibly to support you in pressing ahead with your development projects and begin your product launch in record time.

For the implementation of lightweight optimized high precision investment casting parts, tsf offers: 1. Realization of thin-walled geometries 2. Great variety of materials - all of the steels are being alloyed inhouse at tsf 3. High-strength materials allow for investment cast components with complex geometries or very thin wall thickness 4. Maximum design freedom for the implementation of complex geometries from one mould 5. Comprehensive know-how in the heat treatment of steels to increase the component strength and technological values 6. Homogeneous structure with identical technological material properties throughout the entire component geometry

Rittweg 43
72070 Tübingen-Hirschau
Baden-Württemberg
Germany
www.tsf.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

n/a

Funding

n/a



About this organisation

Main areas covered Steel investment casting

Infrastructure

Certifications ISO 9001

Keywords investment casting, high precision casting parts, prototypes, Rapid Prototyping, steel investment casting

Memberships

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Systems and end products, Materials		✓	✓
Services & consulting Consulting, Engineering, Prototyping, Validation		✓	✓
Field of technology			
Design & layout Lightweight manufacturing		✓	✓
Functional integration			
Measuring and testing technology			
Modelling and simulation Optimisation		✓	✓
Plant construction & automation			
Recycling technologies			

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing		✓	✓
Coating (surface engineering) Galvanising, Painting, Plasma process, Powder coating		✓	✓
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
Material property alteration Heat treatment		✓	✓
Primary forming Casting		✓	✓
Processing and separating Drilling, Turning, Milling, Honing, Grinding		✓	✓
<i>Textile technology</i>			

Overview of lightweighting expertise			
	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Steel, Others (Besondere Nickellegierungen)		✓	✓
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts	
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