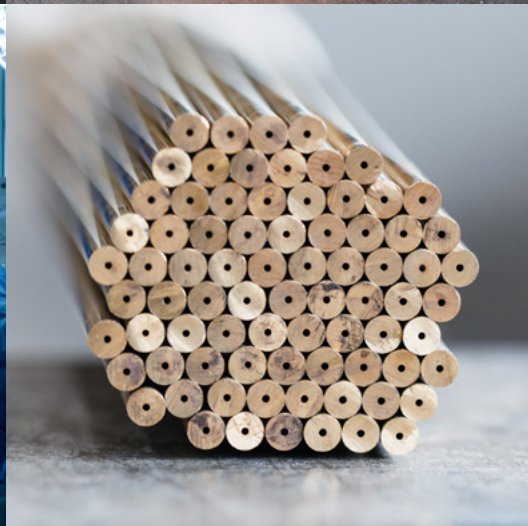


# PRECISION IN SEMI-FINISHED METAL PRODUCTS



BEHIND EVERY SUCCESS IS A PART OF US



# ABOUT US



Managing directors: Lorenz Geyer and Andreas Schwender



## OUR VALUES

In order to offer you high-quality products and first-class service, we act with agility and flexibility. Together with you we develop innovative solutions to realize your ideas and requirements.

We place great value on our employees and foster a motivated and committed team. Through continuous improvement, we are constantly evolving and responding to change. We are consolidating our leading market role in order to strengthen our position as a trusted partner in the long term.

### 1926

founded by Eugen Geyer senior in Pforzheim

### 1945

start of production in Königsbach

### 1954

son, Eugen Geyer, joins the company

### 1995

Lorenz Geyer becomes managing director

### 2001

new production facilities in Remchinger Straße

### 2011 + 2014

extension of the production hall

### 2017

starting the production of welded stainless steel tubes

### 2018

commissioning of the solar hall

### 2019

ERP-System with badge traceability

### 2022

CAQ System (Babteq)

### 2026

100th anniversary of the company





## OUR STRENGTHS

- Wide variety of different metals and alloys
- Small quantities – from one random length upwards
- Varied in-house production depth
- Short delivery times
- Tightest tolerances
- Special customisations and further processing
- Personal customer service

## PRODUCTS

- Tubes and finished tube components
- Profiled tubes
- Rectangular tubes
- Compound tubes
- Bars and turned parts
- Component manufacturing

## INDUSTRIES

- Measurement and sensor technology
- Heat exchangers
- Induction components
- Medical technology
- Technical ceramics
- Mechanical and tool manufacturing
- Musical instruments





# NON-FERROUS METAL TUBES



## MATERIALS

- Aluminium
- Copper
- Brass
- Nickel Silver
- Bronze
- Nickel

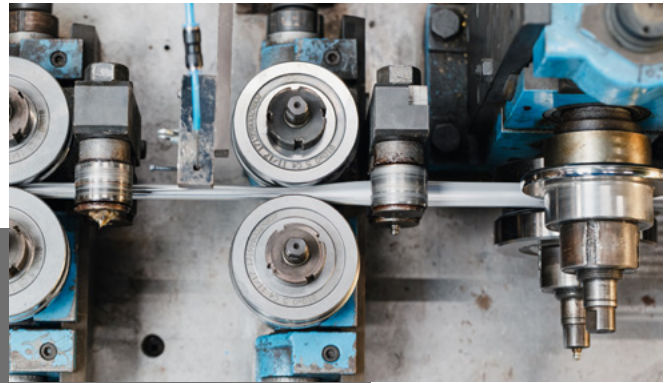
## REDRAWN TUBES

- Tight tolerances, high strength and perfect surfaces
- Outer diameter: 0.50 – 40.00 mm
- Wall thickness: 0.10 – 5.00 mm
- Lengths: 1 – 6000 mm incl. machining of the ends
- Round or profiled tubes
- seamless





# STAINLESS STEEL TUBES



## WELDED

- Strip material from certified European manufacturers
- Outer diameter: 5.00 – 20.00 mm
- Wall thickness: 0.30 – 1.00 mm
- Lengths: 1 – 6000 mm incl. machining of the ends
- Round or profiled tubes



## REDRAWN

- Redrawn tubes with tight tolerances, high strength and perfect surfaces
- Seamless or welded
- Outer diameter: 0.50 – 30.00 mm
- Wall thickness: 0.10 – 2.50 mm
- Lengths: 1 – 6000 mm incl. machining of the ends
- Round or profiled tubes

# MATERIALS OVERVIEW

					Finish				
	Material designation	Material abbreviation	Alloy	Outer diameter (mm) up to	seamless	extruded	welded	redrawn	annealed
ALUMINIUM	EN AW-1050A	Al99,5		40		■		■	■
	EN AW-3103	AlMn1		40	■			■	■
	EN AW-5049	AlMg2Mn0,8		40	■			■	■
	EN AW-5754	AlMg3		40	■			■	■
	EN AW-6060	AlMgSi		40		■		■	
COPPER	CW004A	Cu-ETP		40	■			■	■
	CW009A	Cu-OFE		40	■			■	■
	CW021A	Cu-HCP		40	■			■	■
	CW024A	Cu-DHP		40	■			■	■
BRONZE	CW452K	CuSn6		10	■			■	■
	CW453K	CuSn8		20	■			■	■
BRASS	CW502L	CuZn15		20	■			■	■
	CW505L	CuZn30		30	■			■	■
	CW508L	CuZn37		30	■			■	■
NICKEL SILVER	CW403J	CuNi12Zn24		20	■			■	■
NICKEL	2.4061	Ni99,6		20	■		■	■	■
	1.3917	Ni42		20	■		■	■	■
	1.3981	NiCo29/18		20	■		■	■	■
	2.4360	NiCu30Fe	Alloy 400	20	■			■	■
	2.4858	NiCr21Mo	Alloy 825	20			■	■	■

Material designation	Material abbreviation	Alloy/AISI	Outer diameter (mm) up to	Finish				
				seamless	welded	redrawn	annealed	as drawn
1.4016	X6Cr17		20		■	■	■	■
1.4301	X5CrNi18-10	AISI 304	20	■	■	■	■	■
1.4306	X2CrNi19-11	AISI 304L	20		■	■	■	■
1.4307	X2CrNi18-9	AISI 304L	20		■	■	■	■
1.4401	X5CrNiMo 17-12-2	AISI 316	20		■	■	■	■
1.4404	X2CrNiMo 17-12-2	AISI 316L	20	■	■	■	■	■
1.4435	X2CrNiMo 18-14-3	AISI 316L	20	■	■	■	■	■
1.4509	X2CrTiNb18		20		■		■	■
1.4510	X3CrTi17		20		■		■	■
1.4521	X2CrMoTi 18-2		20		■	■	■	■
1.4541	X6CrNiTi 18-10	AISI 321	20		■	■	■	■
1.4571	X6CrNiMoTi 17-12-2	AISI 316Ti	20	■	■	■	■	■
1.4828	X15CrNiSi 20-12	AISI 309	20		■	■	■	■
1.4833	X12CrNi 23-13		20		■	■	■	■
1.4845	X8CrNi25-21	AISI 310S	20		■	■	■	■
1.4876	X10NiCrAlTi 32-20	Alloy 800	20		■	■	■	■

**ADDITIONAL DIMENSIONS AND MATERIALS  
ARE POSSIBLE ON REQUEST.**

WE LOOK FORWARD TO RECEIVING YOUR ENQUIRY.

# PROFILED TUBES



- Profiled tubes made from drawn round tubes
- High degree of dimensional accuracy
- Good surface quality
- Highly economical manufacturing processes
- Various forms: round, square, multi-sided, oval, conical

## FURTHER PROCESSING



### Sawing

With the help of various sawing processes we separate the semi-finished metal products to the length desired. Smallest lengths up to 1 mm are possible.



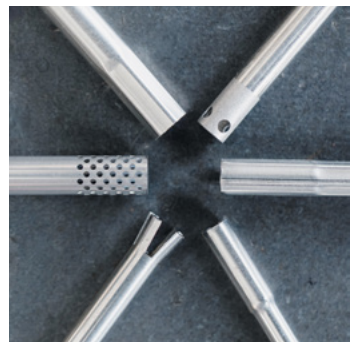
### Tube shaping

From the sample series to series manufacturing we can offer you components according to your drawings. Additionally, you can request further operations.



### Turning

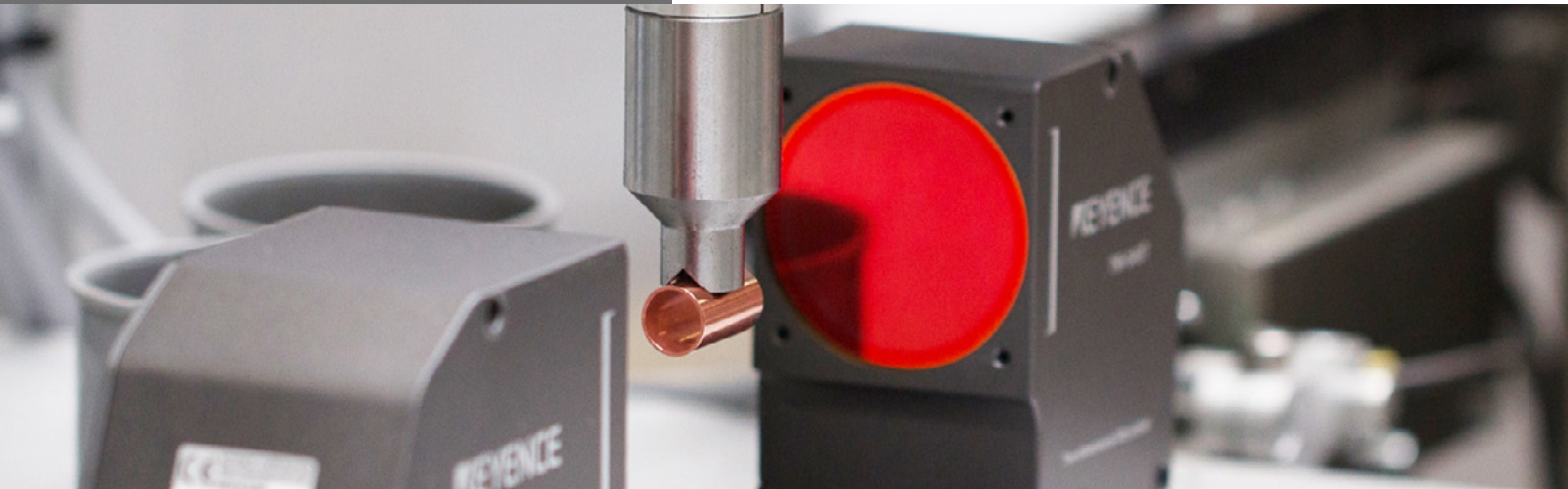
In order to be able to manufacture your turned parts we work together with partner companies. The advantage is that we can optimise our pre-material to suit your finished part.



### End machining

For the machining of the ends we have brush deburring machines or slide grinding machines. We offer chamfered tube ends, expanding and narrowing and also closed ends.





## INSPECTIONS

### Surface

- Roughness measurement
- Optical inspection with stereo and digital microscopes

### Mechanical qualities

- Tension test
- Ring tension test
- Flattening test
- Expansion test
- Hardness test

### Geometry

- Pneumatic length measuring system
- Optical LED light band micrometer
- Laser contour measurement
- Digital profile measurement
- Check gauges

### Tube integrity

- Eddy current testing
- Pressure differential method

We produce semi-finished metal products for a diverse range of different industries and applications. We guarantee that our quality standards are continuously monitored throughout the manufacturing process, from incoming goods to delivery. By constantly analysing and improving our quality-critical processes, we strive to meet the highest quality standards when producing and delivering your products.

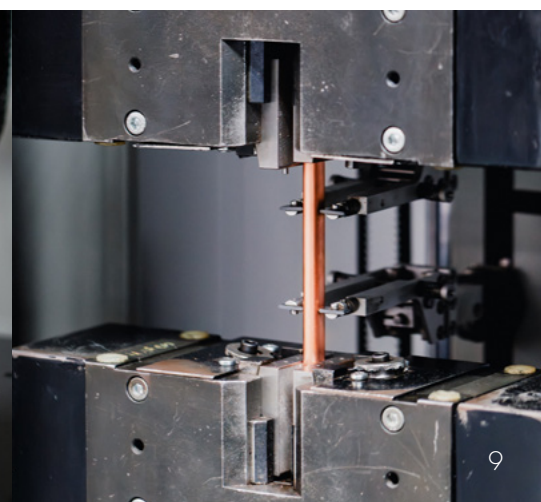


## DOCUMENTATION

- First sample test reports according to VDA
- Inspection reports
- Inspection documents according to DIN EN 10204

## BATCH TRACKING

We guarantee batch separation and batch traceability for all products.

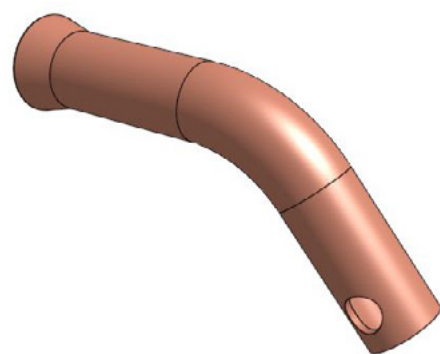
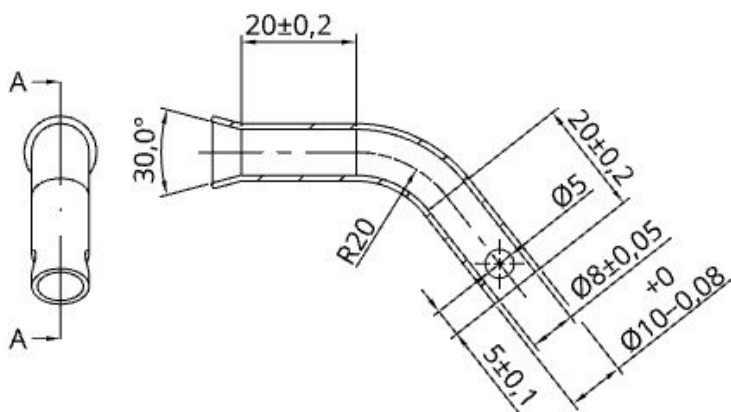


# FINDING A SOLUTION TOGETHER



Do you have very specific requirements for your product? Then you've come to the right place. With more than 100 years of experience in manufacturing and processing semi-finished metal products, we can offer you a wide range of manufacturing options.

Take advantage of what we can offer and contact us. We will be pleased to provide you with our comprehensive technical framework and our many years of expertise to implement your products and meet your individual requirements.





# ENVIRONMENTAL MANAGEMENT



A sustainable use of resources is important for us. The technical investments in the new construction of the production facilities in our current location were conscientiously aimed at saving energy.

We use power from our own solar plant and we highly value environmentally friendly production and material-specific recycling. Continuous optimisation ensures ever more sustainable production of our semi-finished metal products.

## 1A TRAINING COMPANY



We have been awarded the 1A Training Company seal of approval by the Northern Black Forest Chamber of Industry and Commerce for vocational training of apprentices. We have been providing training for over 20 years within our company. With a well-thought-out concept, the training facilities offered have been restructured and continuously developed.

As a family business, we are very interested in hiring the skilled workers we have trained in-house and continue to provide them with further qualifications. This ensures we have our own trained and competent workforce.



# WHERE TO FIND US

QUALITY  
  
MADE IN GERMANY



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