

Laubacher

Precision Turned Parts since 1846



Tradition & Innovation



Founded in 1846 by Samuel Laubscher our company has remained family owned through the present day. We have been constantly growing and evolving ever since, becoming one of the leading producers of technologically demanding precision turned parts.

Swiss Made

- Heritage of technical know-how – Swiss Quality
- Worldwide customer base
- 240 employees
- Over 500 production units
- Vertically integrated production
- 20,000 m² (215.000 sq.ft) manufacturing space



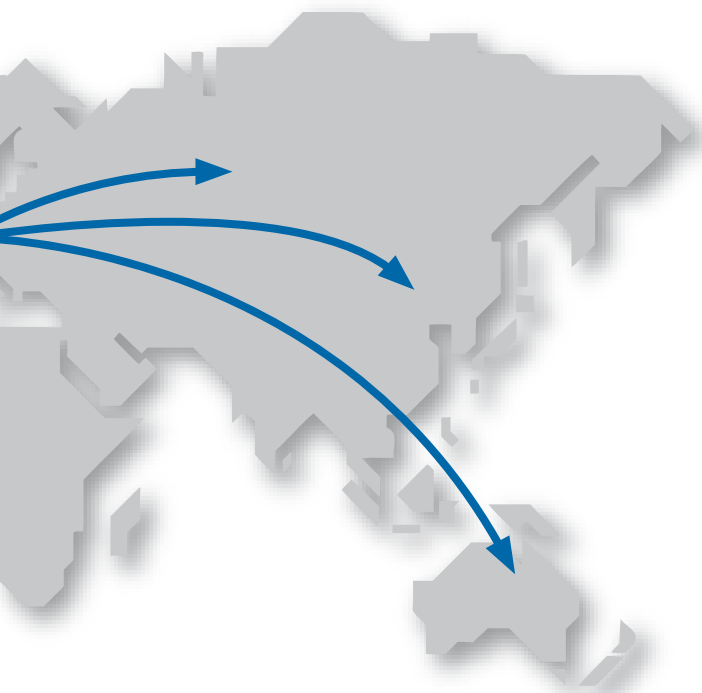
Service & Production



Diversity – Flexibility – Know-how

Our technical team provides efficient and professional support from the earliest stages of product development all the way through final delivery.

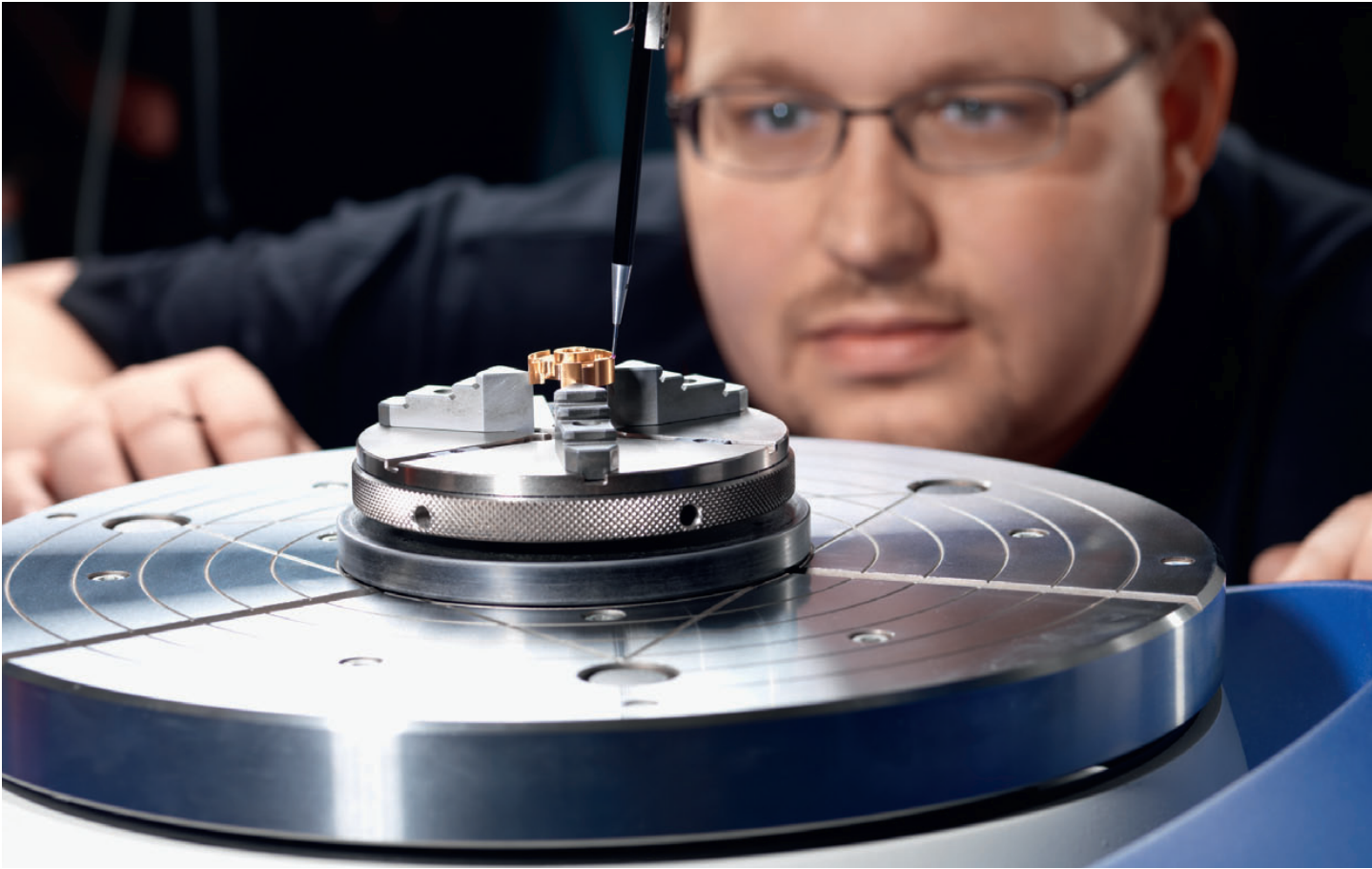
Custom precision parts are supplied complete and, upon request, ready for installation into your product.



Precision Turned Parts

- Diameter ranging from 0.3 mm (.0118") to 42 mm (1.65")
- Wide range of materials
- Lot sizes from 500 pieces to millions
- In-house surface and heat treatments

Quality & Manufacturing



We are committed to excellence. Our certified quality management systems assure production and precision at the highest level. The combination of advanced manufacturing technology, state-of-the art measuring equipment, and many years of experience guarantee you superior product value. All of this is accomplished while complying with today's stringent environmental regulations.

Certifications

- ISO 9001
Quality Management System
- ISO 14001
Environmental Management System
- ISO 13485
Medical Devices – Quality Management System

Manufacturing Infrastructure

Production machines

- Swiss-type automatic machines
- Rotary transfer automatic machines
- Turret machines
- Coil fed automatics

Secondary Operations

- Machining centers
- Rotary transfer automatic machines
- Centerless and cylindrical grinding
- Polishing
- Deburring operations include:
mechanical, chemical, abrasion,
blasting and slurry



Heat treatments

- Hardening, case hardening
- Annealing
- Precipitation hardening
- Tempering
- Hardening and tempering

Surface treatments

- Nickel
- Electroless nickel
- Zinc including passivate plating
- Black oxide
- Stainless steel passivate
- Specialty treatments upon request

Your orders are produced on state-of-the art

CNC machines that provide maximum flexibility and productivity. Rotary transfer machines as well as high precision cam controlled Swiss-type automatic machines are used for cost effective high volume production. If a components design complexity requires additional machining, our secondary operations department has a wide range of specialized machines to complete the process.

Surface and heat treatments are also performed efficiently on the premises.

Medical Technology



Thanks to our manufacturing competency, we are the ideal partner for turned and machined parts for medical components. Laubscher's manufacturing capabilities support a wide range of raw materials from stainless steel through titanium. Depending on your requirements, we can also supply parts specially packed and ready to install into your device.

Our technical specialists will be glad to support you from the early stages of design and quality planning through the manufacturing of your medical components.

Precision turned parts for

- Surgical tools
- Dental accessories
- Hearing aids
- Drug delivery systems
- Vascular medicine
- and many other application areas

Laubscher Precision Turned Parts

Watch Industry



We produce components for many renowned watch manufacturers all with the highest quality demands. For the production of these parts we use precision Swiss-type automatic machines which ensure consistent quality across multi-shift operations. A Laubscher specialty is the production and polishing of miniature watch screws. Whatever your requirements may be – round or flat polished screw heads and ends, brushed or hammered slot edges – we offer customized solutions. If your parts require heat or surface treatments such as hardening or nickel plating these are also performed in house.

Manufacturing examples

- Screws with a thread starting from S 0.40
- Barrels (tambours de barillet)
- Bars (barrettes)
- Dowel-pins (goupilles)
- Crowns (couronnes)
- Crown rings (bagues de couronne)
- Press-fit studs (boutons-poussoirs)

Building Services Engineering



Our production units are custom designed to ensure the highest degree in manufacturing flexibility. We are able to satisfy the markets diverse production demands, while achieving superior quality at very high capacity outputs. We pride ourselves in our close cooperation with our customers. Our relationship is based on a common focus, to make our customers products the best possible.

Precision turned parts for

- Safety locking systems
- Switches
- Heating and cooling systems
- Electronic valve controls
- Building construction applications
- and many other applications

General Industrial



Our current generation of CNC machines produces complex high precision turned components in large volumes. Machining capabilities include turning, milling, grinding, and honing. Optional heat and surface treatments are also available.

Burr-free product is ensured by our use of mechanical, abrasive, chemical, slurry, or blasting operations. This is particularly important for parts which have milled slots or cross-drilled holes. We supply parts complete, and ready for assembly into your end products.

Precision turned parts for

- Hydraulics
- Pneumatics
- Industrial equipment
- Aviation
- Defense and security industry

Consumer Products and Electronic Components



Large scale production of parts for electronic and consumer products are manufactured on our cost efficient machines. Consistent production is ensured by ongoing statistical analysis of critical dimensions and tolerances.

If your application requires, your parts can be heat and / or surface treated on the premises in a flexible and swift manner.

Precision turned parts for

- Micro plugs and switches
- Connectors for fiber optics
- Musical instruments
- Audio systems
- Cameras
- Eye glass hinges
- Instrumentation

Automotive Industry



Laubscher Precision has successfully supplied precision turned parts for the automotive industry for many years.

With our multi-axis CNC machines we achieve a maximum of efficiency in the production of high precision complex components.

Due to our extensive range of machinery we can meet your high capacity requirements.

Precision turned parts for

- Drive trains
- Fuel systems
- Air conditioning systems
- Chassis components
- Braking systems
- Electrical drives for windows and seat adjustment
- and many other applications

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