



THREADING SOLUTIONS







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THE THREADING  
APPLICATIONS SPECIALIST.

# DC SWISS SA

DC SWISS SA has been designing and manufacturing medium and high-end threading tools in the heart of the Bernese Jura, the cradle of micro-mechanics and machine tool production in Switzerland, since 1940.

As a major player in the global threading tool market, DC SWISS SA has positioned itself as a specialist in a sector where quality, reliability and performance are essential. Excellence in product quality, technical support and customer training are priorities for this burgeoning industrial company.

The high-performance DC threading tools meet the strictest technological standards and are the result of numerous studies and the expertise gained by the company over many years. Each tool undergoes multiple tests to guarantee optimum quality.

We offer our multi-generational know-how to our customers to help them find comprehensive solutions that fully meet their needs in their particular area of activity.

# HISTORY



1940

Daniel Charpilloz, founded the company based in Malleray, in the Bernese Jura



1999

A second production site dedicated to making blanks opens in Bévillard



2001

**DC Swiss GmbH**  
A branch is opened in Cologne, Germany



2005

**DC Swiss SA** – Daniel Charpilloz SA changes its name to DC Swiss SA



2007

**DC Swiss Srl**  
A branch is opened in Rho, Italy



2012

**DC Swiss UK**  
A branch is opened in Sheffield, UK



I WAS LOOKING FOR THE BEST TOOLS, THEN I DECIDED TO MAKE THEM MYSELF.

Daniel Charpilloz – 1940









✦ THE WORLD IS CHANGING,  
AND SO IS DC SWISS.





# INNOVATION IS ESSENTIAL TO THE SURVIVAL OF EVERY COMPANY

In a world of perpetual change, companies face multiple challenges and must continually reinvent themselves.

DC SWISS SA is no exception, and constantly seeks increasingly innovative solutions for the products and services it offers its customers, as well as for its internal processes. Innovation comes from the experience of the company's staff and the specific needs identified by our users, alongside the know-how developed by the company and its renowned partner institutions.

Thanks to its latest-generation machining centres, DC SWISS SA is equipped to manufacture high-precision parts quickly and efficiently.

## CALIBRATION AND METROLOGY SERVICES

The DC SWISS metrology office is recognised as a Calibration Laboratory for length standards by the Swiss Accreditation Service. It also offers calibration and metrology services for threaded connectors.

DC NANO TOOLS SA, a member of the DC SWISS Group, is SCS 0143 certified. This certification authorises it to calibrate plug gauges and ring gauges for threads under  $\varnothing$  3mm according to the ISO 17025 international standard.

## DC SWISS IN FIGURES



8,250

tools in our catalogues.



5,000

Over 5,000 tools are produced  
in our workshops each day.



120

qualified employees.



98%

or more of our "catalogue" tools are available  
from stock for faster turnaround times.



60

We work with a number of distributors  
and technology partners around the world.

## WE'RE HERE, FOR YOU



SCS QUALITY CERTIFICATION

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EXPRESS LEAD TIMES

---



FULL APPRAISALS (TEST CENTRE)

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BESPOKE DEVELOPMENT WORK

---



RECOMMENDATIONS

---



TECHNICAL ASSISTANCE

---



TRAINING

---



LOGISTICS SUPPORT

---



CUSTOMER-FOCUSED CULTURE

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✦ OUR STRENGTHS, YOUR ASSETS.





MEETING YOUR MOST  
DEMANDING REQUIREMENTS  
IS OUR PRIORITY.



# VALUES

## + PERFORMANCE

Performance is our primary concern in developing new solutions and improving our products. Value for money over time is the foundation on which we build relationships of trust with our customers.

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## + KNOW-HOW

We use our know-how to create unique ways of resolving problems and apply all the knowledge, experience and skills we have gained since 1940.

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## + RELIABILITY

We know that long-term relationships are built on trust, transparency and the ongoing commitment of each of our employees to provide our customers with tools and services of uncompromising quality.

## + SWISS QUALITY – 100% MADE BY DC SWISS

All production stages in our workshops are a guarantee of Swiss Quality, from the development of the tool to manufacturing and final inspection.

The quality of your tools is an essential factor in achieving your machining targets and assembling your parts to perfection.

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## + CUSTOMER-FOCUSED CULTURE

Your satisfaction is our priority. Our employees are committed to excellence in providing customer support services and offering customers their skills, flexibility and motivation, together with a clear sense of innovation and quality.



# PRODUCTS

Used around the world and in all business sectors where quality, performance and reliability really matter, our high-performance threading tools are manufactured using latest-generation production techniques.



## THREAD CUTTING

Taps are the most commonly used tools for creating interior threads.



## THREAD FORMING

Thread formers do not cut the material but compress it. The deformation process does not produce chips and guarantees optimum levels of safety and performance.



## THREAD MILLING

Thread milling tools are used to machine threads in parts on CNC milling machines. Thread milling tools create small chips, improving the safety of the process.



## THREAD WHIRLING

High quality threads and optimal chip shape are additional advantages offered by whirling compared to other methods.



## GAUGES

We offer solutions to check your internal or external threads and we can check also the gauges you use.



## ACCESSORIES

In order to offer you all the solutions for making your threads, we also offer a large choice of threading dies, tapping chucks and other accessories.

Based in the heart of a region closely associated with micro-mechanics and watchmaking, we also specialise in the development and manufacture of **nano tools** and we now offer over 2,000 items ranging between 0.3 mm and 2.75 mm in size. Our focus on nano tools has increased since our metrology laboratory was accredited as a Calibration Laboratory for length standards by the Swiss Accreditation Service [SAS].

## AREAS OF ACTIVITY

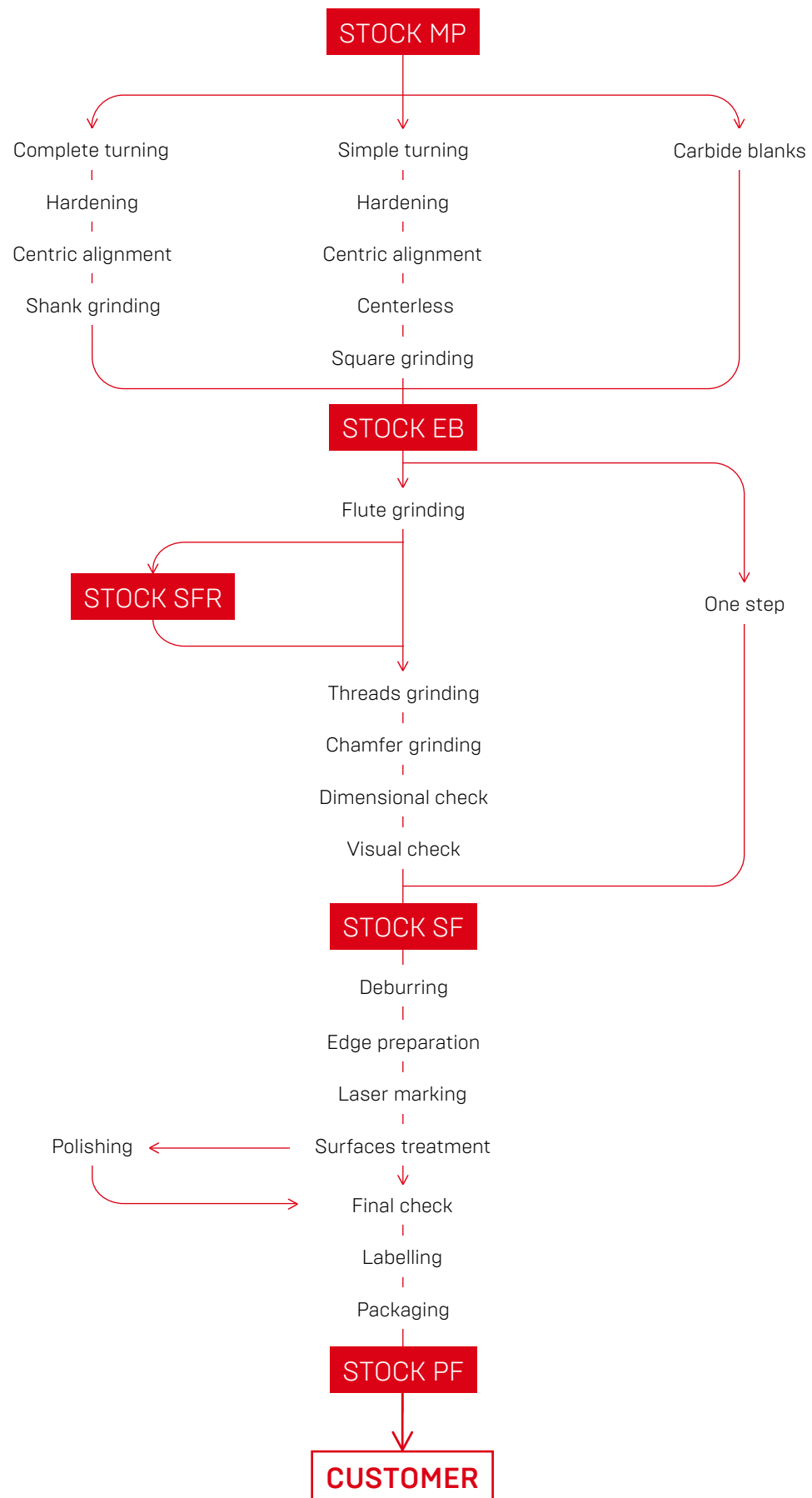
- ✦ GENERAL ENGINEERING
- ✦ AEROSPACE
- ✦ POWER GENERATION

- ✦ WATCHMAKING
- ✦ MEDICAL
- ✦ AUTOMOTIVE





# WORKFLOW



# OUR FUTURE

## COMPANY PROVIDING TRAINING

DC SWISS SA is actively involved in providing training for the young and not so young alike.

As holders of the “Entreprise formatrice” (Training Company) label, we are committed to recruiting a number of apprentices each year to create the next generation of professionals and to promote career development in a sector with strong growth potential.

## PROTECTION OF THE ENVIRONMENT

We are actively committed to protecting the environment and the climate, to reducing our consumption of water and electricity and to limiting corporate travel to necessary journeys only. We therefore manage our resources as responsibly as possible.

### + WASTE SORTING

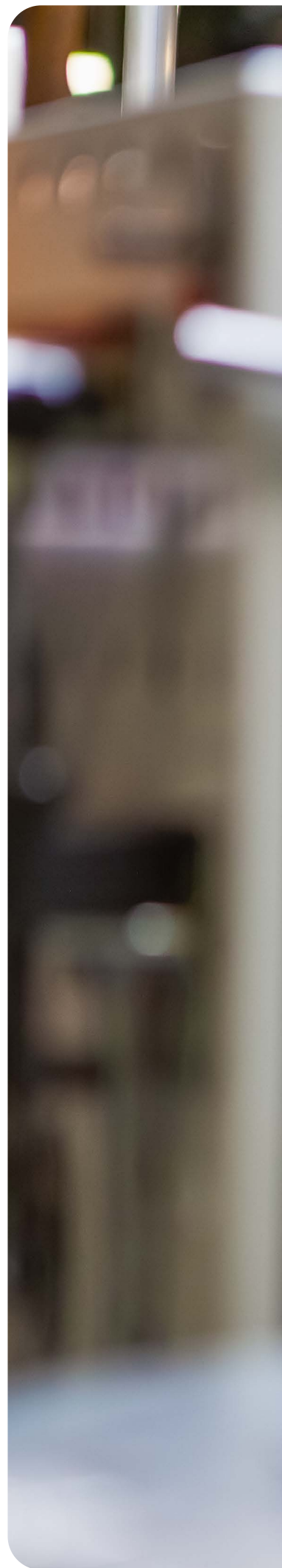
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### + REDUCING CO<sub>2</sub> EMISSIONS AND IMPROVING OUR ENERGY EFFICIENCY

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### + PRIORITISING THE USE OF RECYCLED OR RECYCLABLE MATERIALS

DC SWISS SA has entered into an agreement for voluntary CO<sub>2</sub> targets with the Agence de l'énergie pour l'économie and the Swiss Confederation.







✦ WE TRAIN PROFESSIONALS.



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 **SWISSQUALITY**