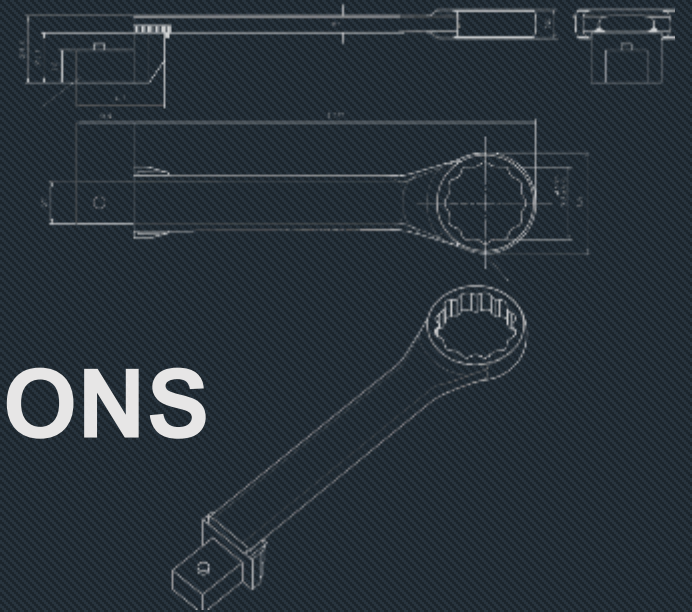




BAHCO

SPECIAL TOOLS & SOLUTIONS





SPECIAL TOOLS & SOLUTIONS

GENERAL INFORMATION

SERVICES WE OFFER:

TOOL ADAPTATION

FULLY CUSTOMISED SOLUTIONS

GENERAL INFORMATION

GENERAL INFORMATION



The Bourges Manufacturing Plant is part of **Snap-on** through its subsidiary SNA Europe and its brand BAHCO.

This affiliation strengthens our European presence and enhances the range of services we offer.

All tools are designed and manufactured in-house by the Engineering Team to comply with **ISO 9001, ISO 14001, and OHSAS18001** certifications. Our products are also CE and UKCA certified where required.





GENERAL INFORMATION

Our dedicated team is specialised in:

- **Tool adaptation** for specific use cases.
- **Fully customised solutions** designed based on customer specifications, including precision-engineered components.

Industries we serve:



Aeronautics



Automotive



Agriculture



Railway



Medical equipment



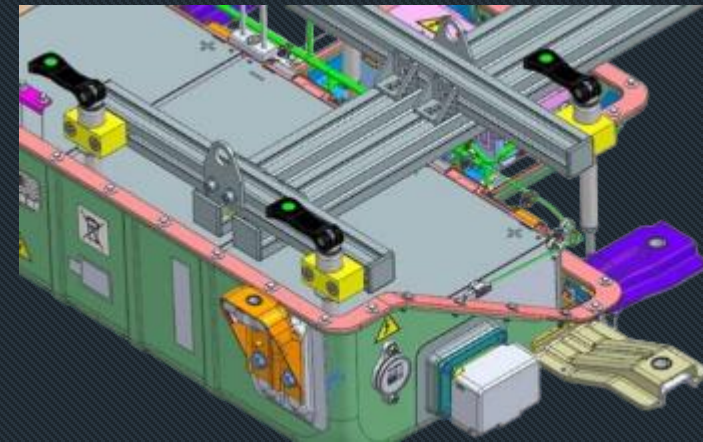
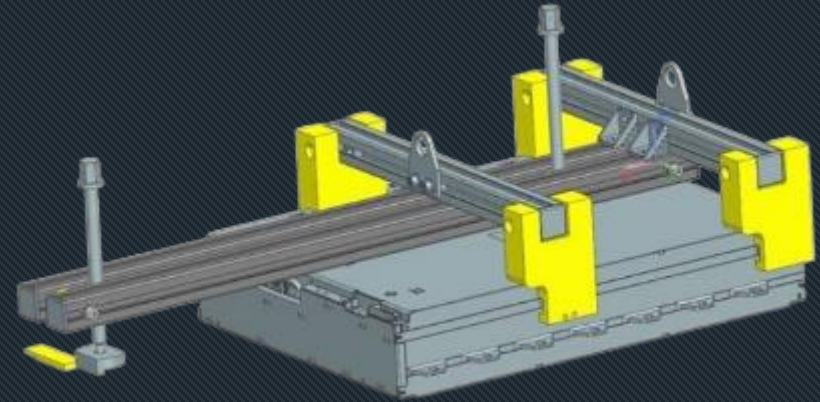
Industry



Off-shore industry



Wind power industry



Prototype for tools that remove modules from electric batteries.



Machined side of an open-end wrench for specific tasks.

SPECIAL TOOLS & SOLUTIONS

GENERAL INFORMATION

The Human Factor

In our Special Tools & Solutions dedicated plant, we go beyond tool manufacturing.

Every team member, from R&D to production, operates with a shared commitment to **honesty, transparency, teamwork, respect for others, and the ability to listen.**

These core values shape our mindset, guide our collaboration and directly influence the quality and reliability of the special solutions we deliver.



TOOL ADAPTATION

In-house research, studies, prototypes, pre-series, series and re-supplying to meet each of our customers' requirements.

We take a total team approach, with specialists who work closely with you to optimize the integration of the task, the process, and the technician; and then we develop the right solution.

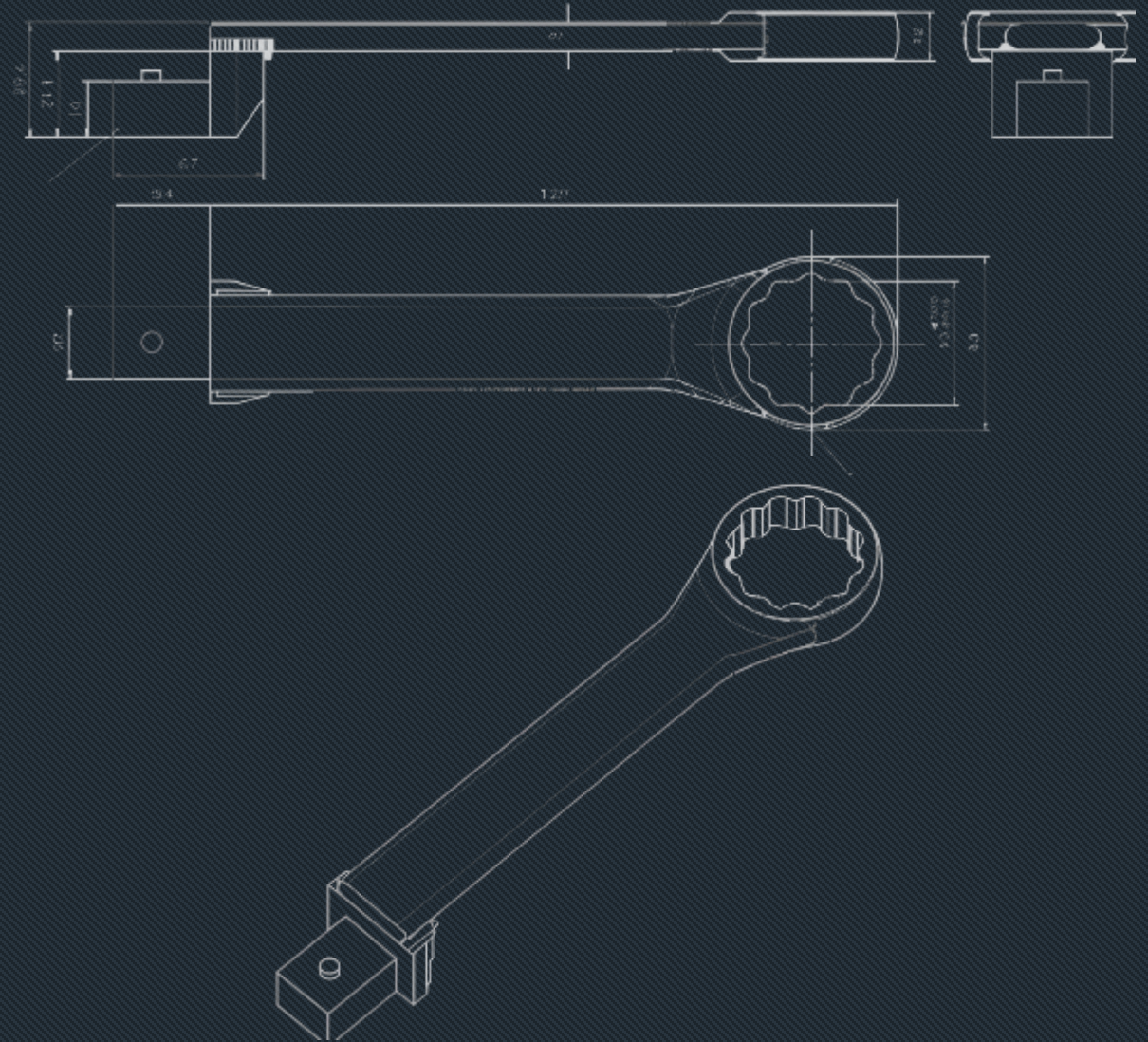
Every step of the way is all BAHCO, from the design, testing, and production, right down to the ergonomics.



TOOL ADAPTATION

We have a long, proven track record of designing custom tool solutions for critical industries and our dedicated engineers transform carefully selected BAHCO tools into high-performance solutions that align perfectly with customer requirements.

Whatever the industry, our team delivers precise tool adaptations that enhance productivity and solve unique, real-world challenges.

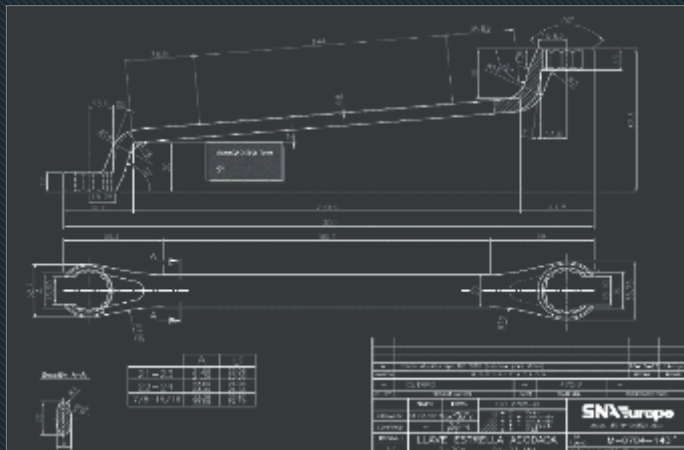




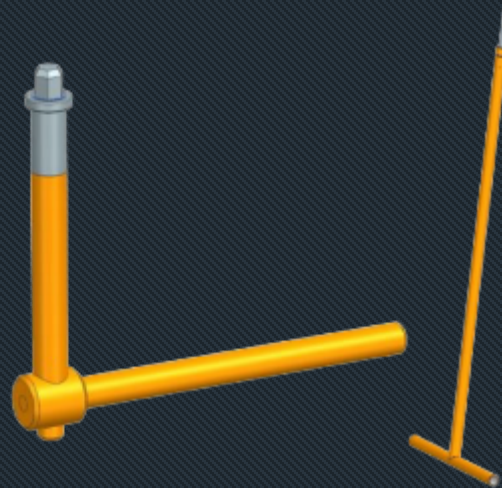
TOOL ADAPTATION

Success Stories examples:

Metro Madrid: Modified ring-end wrenches with square connectors and machined open ends for specialised applications.



Alpine Racing Team: Custom hex-head tools with T-handles and electrical insulation for fast, safe race-day disassembly.

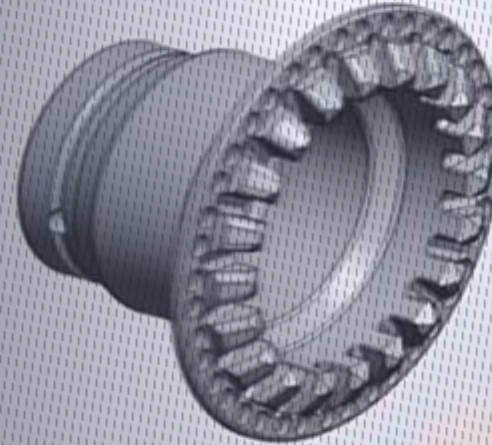


Aeronautics: Plastic adapters developed for self-adjusting locking pliers, tailored to aviation maintenance needs.



FULLY CUSTOMISED SOLUTIONS

Highly specific solutions and precision-engineered components designed from scratch to meet our customers' exacting specifications.



FULLY CUSTOMISED SOLUTIONS

Trusted by automotive giants such as **Stellantis**, the **Renault Group** and **Nissan**, as well as leading aerospace and industrial manufacturers, our engineers deliver application-specific solutions that tighten tolerances, cut cycle times and enhance operator safety.

Every collaboration involves analysis and prototyping to deliver certified solutions that enhance throughput.

Our capabilities include:

Plastic components

Injection moulding
CNC machining
3D printing

Metal components

CNC machining (brass, aluminium, steel, stainless steel)
Foundry processes (aluminium, steel)
Boiler making

Surface treatments & heat treatment

Black oxide, anodising, painting
Quench, tempering, annealing

Assembly

Full in-house assembly of subcomponents into final tooling solutions



FULLY CUSTOMISED SOLUTIONS

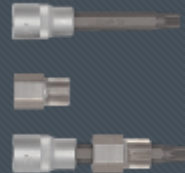
The following examples showcase bespoke components and parts developed by our engineers to meet highly specific demands, improve safety, reduce downtime, and drive measurable results across automotive, aeronautic, and industrial sectors.



3D-printed tools for cleaning engine pistons/rings with injector pipes



Protection for battery connectors when testing tightness



Alternator pulley removal tools



Suspension strut centraliser (e.g. PA 6-6 30% GF)



LPG tank valve blockers in injection plastic



Water pump belt fitting tools



Hoisting beam



Battery lifting adapters cranes for electric vehicle battery removal



Drill brushing for the aeronautics industry

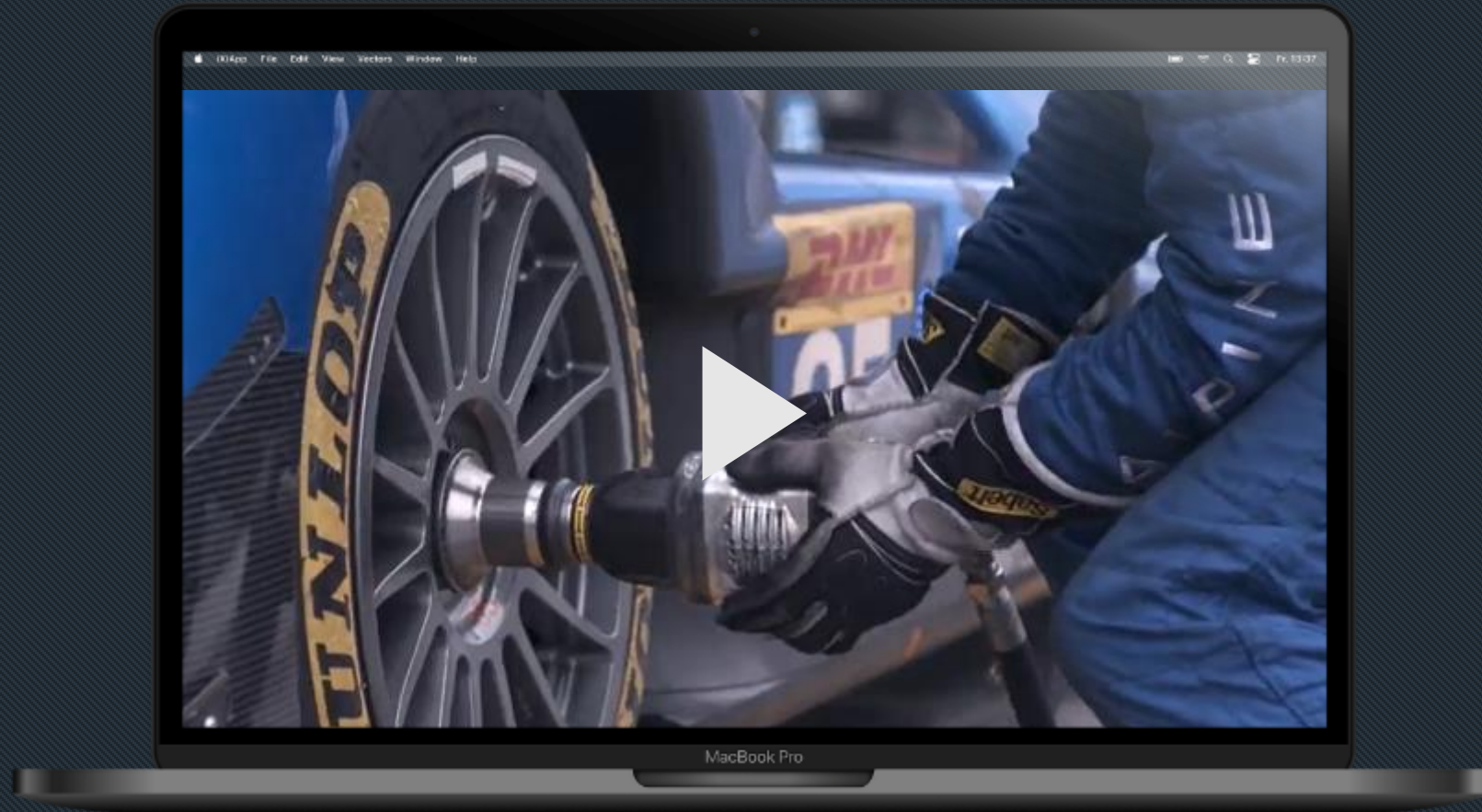


Tools to stop pulley during belt removal



SPECIAL TOOLS & SOLUTIONS

Discover how our expert engineers worked alongside the Alpine-Signatech Endurance Team to deliver a unique and highly precise wheel socket, helping mechanics enhance efficiency and speed when changing tyres at a pit stop.



Click on the play button to watch the video.



SPECIAL TOOLS & SOLUTIONS

FULLY CUSTOMISED SOLUTIONS

Our Special Tools & Solution department is also a specialised hub for **precision engineering**.

Our experienced R&D department works closely with customers to develop components in stainless steel, steel, aluminium, plastic, titanium, bronze, brass and cast-iron.

We offer expertise in turning and machining for small and medium production series (supporting components up to 250 mm in diameter and 1,000 mm in length), as well as managing the full mounting and assembly process.

We operate a range of high-performance equipment, including palletized horizontal and vertical machining centres, multi-axis drilling and milling systems, and dual-spindle turning centres with integrated robotic handling.





SPECIAL TOOLS & SOLUTIONS

CONTACT US !

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