



PRECISION
ENGINEERING
AND FORMING



WORLD CLASS CHEMICAL ETCHING

With decades of expertise in tooling for sheet metal forming, Photofab recognises the immense value of this process and has invested substantially in a dedicated secondary facility.

Initially established as an internal resource to enrich our renowned chemical etching division, this specialised toolroom has proven hugely successful. As a result, we now offer expert tooling and forming services as standalone offerings, providing greater flexibility and further enhancing our comprehensive capabilities.

By unlocking rapid prototyping of precise, intricate components, these expanded in-house solutions empower customers to transform ideas into physical products

faster than ever. With deep tooling mastery augmented by cutting-edge technologies, Photofab stands ready to accelerate innovation for the designs of today and tomorrow.

The result is more than precision metal components. It is a custom collaborative partnership, where Photofab utilises over five decades of experience to translate your visions into reality. With a dedicated account manager at your helm, choose to work with us for exceptional quality, service, and value on your next project.



"At Photofab, we have a wealth of experience in producing tooling for forming sheet metal. Our engineers offer many services and will provide advice to improve the product and reduce the costs."

Mike Kitching

General Manager (Engineering)





Each of these benefits, along with short delivery times – in five days or less – are the reasons so many companies turn to Photofab as their preferred supplier. Working with us means you will join a growing number of manufacturers who rely on Photofab's expertise to supply them with bespoke components.

THE BENEFITS



VARIOUS FORMING OPTIONS

Get the finish you desire



HIGH ACCURACY PIECES

Tight tolerances and fine apertures



CUSTOMISED PARTS

you design it, we make it! We will get you the product you want



PROTOTYPING TO VOLUME PRODUCTION

Ensuring a cost-effective production run



RANGE OF TOOLING

Including custom options



DEDICATED ACCOUNT MANAGER

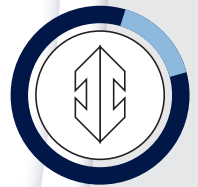
A single point of contact

DEDICATED ENGINEERING

At Photofab, skilled engineering is fundamental for designing and producing exceptional components. That is why we heavily invested in a dedicated in-house engineering team to provide greater flexibility and service. Originally created to support our etching capabilities, this team has proven so valuable that we now offer their expertise across toolroom, forming, soldering, spot welding, assembly and finishing services. This empowers customers with flexibility – either utilising our comprehensive end-to-end manufacturing or selecting specific services to meet their needs. This customer-centric approach, combining tailored solutions and complete capabilities under one roof, represents the pinnacle of convenience from Photofab.

HIGH OR LOW VOLUME

No minimum or maximum quantity,
from one to hundreds of thousands



RAPID PROTOTYPING

Fast turnaround from 24 hours
to meet your needs



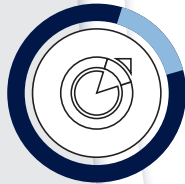
FINISHING PROCESSES

Various surface finishes available



Moreover, through continuously investing in our people, equipment, and processes, we sustain cutting-edge quality and lead times, including our rapid 24-hour turnaround service. We are proud to maintain and grow our industry leadership position thanks to such commitments to innovation and performance improvement.

With decades of experience, our expanding engineering talent now further bolsters our class-leading output across an increasing breadth of manufacturing solutions. By leveraging these cross-disciplinary teams, we will continue translating customer visions into reality with outstanding efficiency, creativity, and care.



CUSTOMISED PARTS

You design it - we make it!



BURR FREE & STRESS FREE

Every care and attention is taken to provide a high quality finish



HIGH ACCURACY

From $\pm 0.025\text{mm}$ and fine apertures allowing for greater open areas



PRODUCTS & SERVICES

We are world leaders in the development of photochemical technology to produce intricately shaped components. We have produced over 70,000 different components at the request of our clients over the years. When you work with us, this experience is at your disposal; at all stages of the chemical etching process, our engineers at Photofab will offer advice to improve the product and reduce the costs.

Our knowledge and experience allow us to control the etching speed and produce metal parts with both high accuracy and high quality. We carefully review the component usage to ensure that the correct metal has been selected both from a performance and cost perspective.

Products and Services



Formed & Flat Springs



Chemical Etching & Milling



Gaskets & Seals



RFI Shielding Products



Laser Cutting



Formed Components



Filters, Meshes,
Screens & grids



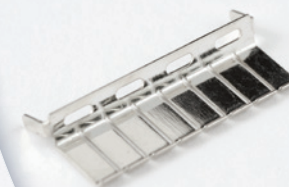
Metal Laminations



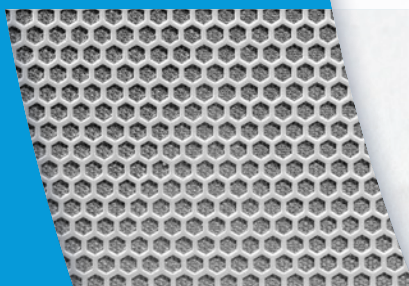
Masks & Stencils



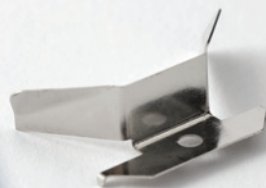
Shims & Spacers



Plating



Metal Fuel Cell plates



Forming & Toolroom



Encoder Discs & Actuators



Contacts & Connectors



Stamping



Photofab chemical etching



AEROSPACE AND DEFENCE



AUTOMOTIVE



COMMUNICATIONS



ELECTRONICS



LIFE SCIENCES



MEDICAL



OPTICAL



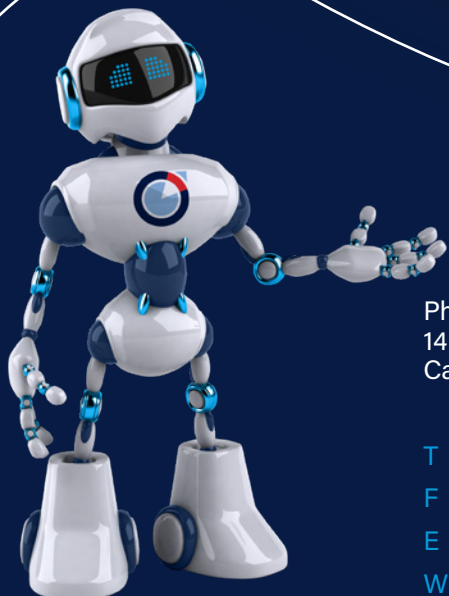
PRODUCT DEVELOPMENT



SCIENTIFIC



SECURITY



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