



ADVANCED CHEMICAL ETCHING LTD

WORLD CLASS



ACE – MAKING THE DIFFERENCE

Since our inception in 2000, Advanced Chemical Etching (ACE) has been at the forefront of the precision etching industry, delivering a components manufacturing solution to some of the world's biggest names.

In this fast moving competitive age of developing highly precise etched components, ACE are leading the field. We've invested heavily in procuring the right technology, materials and people, and undertake a continuous programme of research and development, pushing the capabilities of our chemical etching process to meet the needs of our varied client base.

OUR CAPABILITY AND CAPACITY

Our 30,00ft² facility is located in the *centre of the UK's manufacturing heartland*. Since 2000 we have pushed the boundaries of what is possible with our *digital tooling and chemical etching process*. We now *manufacture metal parts and components* for a wide range of industries, including the *Automotive & F1, Aerospace, Military, Medical, Precision Engineering* and *Communications sectors*. We work closely with our partners to ensure we stay at the forefront of new developments, so that we can continue to offer the *highest quality chemically etched products* to our customers at the very best prices.

OUR PEOPLE

It's an old cliché, but our staff – many of whom have been with us since the launch of the business – still remain our biggest asset.

They unlock the potential of the machinery and it is their *innovation, attention to detail and engineering expertise* that *sets ACE apart from its competitors*. We channel our investment into attracting and *developing some of the finest manufacturing personnel and technicians in the industry*.

WORLD CLASS QUALITY

ACE holds *ISO 9001 and ISO 14001 accreditations*, and we continually strive to ensure our products always meet the *highest level of quality assurance*. We've been awarded a host of customer accreditations, as testament to our commitment to always exceed our client's expectations and provide a reliable manufacturing solution with *consistent quality from the first etching to the last*.

Contact ACE today on +44 (0)1952 416 666 to find out what we could produce for you – whether it's 1s or millions.



ACE AT A GLANCE

- » Flexibility to produce 1s or millions of parts
- » Fast turnaround for etched parts
- » Complexity of part does not affect price
- » Special processes for Aluminium and Titanium
- » More than 2000 metal variations
- » Added value – forming, wire EDM, machining, plating
- » No expensive hard tooling
- » Give the customer what they want, at an affordable price, when they want it, in the quantity they want, to the agreed specification.

A PROCESS OF INNOVATION



ADVANCED CHEMICAL ETCHING LTD

INDUSTRIES & PROCESS

ACE BENEFITS

- » **LOW COST DIGITAL TOOLING** – the photo tool is more efficient and far less expensive than typical hard tooling
- » **NO HARD TOOLING** – No major investment, no tool maintenance or repair costs required, not to mention no delays in tooling delivery.
- » **NO METAL STRESS OR PART DEFORMATION** – etched parts remain flat as the metal removal is achieved chemically, not mechanically.
- » **BURR FREE** – secondary de-burring operations are eliminated.
- » **MATERIAL PROPERTIES REMAIN UNCHANGED** – temper of metal is not altered, therefore magnetic properties are not affected.
- » **EXCELLENT FOR PROTOTYPES** – precision, repeatability, accuracy and a quick turnaround. Engineering changes can also be made quickly, easily, and cost effectively.

ASK THE EXPERTS

Our *team of technical experts* are ready to advise on *standard products for your sector* or *bespoke components* that meet a *specific technical application*. Contact *Advanced Chemical Etching* today to see how we can help you achieve your *manufacturing targets, on time* and *on budget*.

WORKING WITH YOU

- » **Aerospace**
- » **Automotive**
- » **Renewable Energy**
- » **Medical**
- » **Engineering**
- » **Electronics**



- » **Bespoke Service**
- » **State-of-the-art 30,000ft² facility**
- » **2000 different metals**
- » **Metal thicknesses from five microns to 2.5mm**
- » **World class quality and delivery service**
- » **Environmentally friendly production**

» **ACE – MAKING THE DIFFERENCE IN *INNOVATION, TECHNOLOGY* AND *MANUFACTURING***
 CONTACT THE TEAM ON **+44(0)1952 416 666 | info@ace-uk.net | www.ace-uk.net**