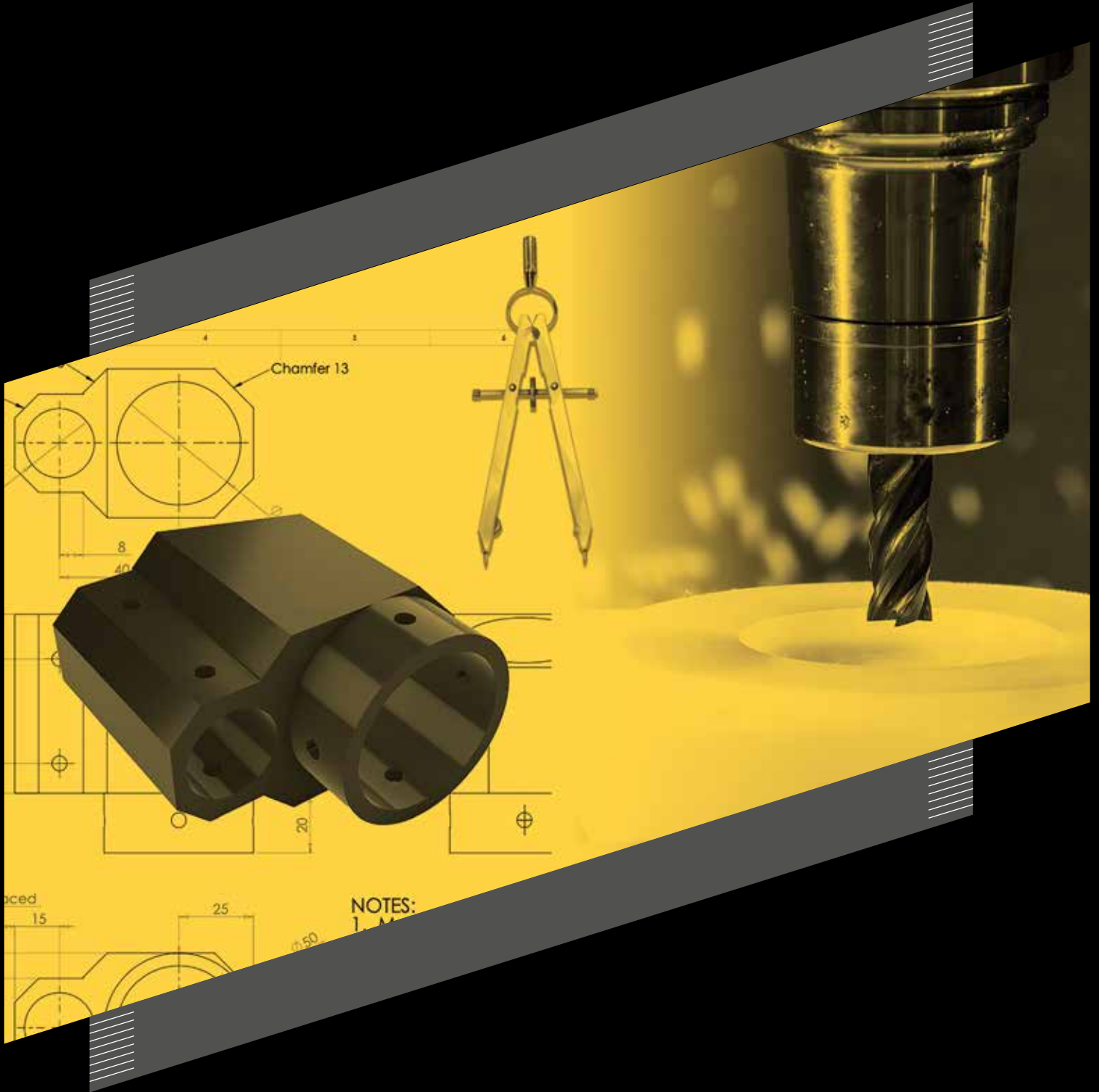


# ALL AXIS

PRECISION PLASTICS ENGINEERING



**CONCEPT DEVELOPMENT | CNC MILLING  
CNC TURNING | CAD CAM | PROTOTYPING  
3D SCANNING & PRINTING | LASER CUTTING & ENGRAVING**

## World class precision plastics engineering in Scotland

With over 40 years of engineering excellence, ALL AXIS has developed advanced capabilities serving some of the world's most demanding industries. We deliver cutting edge solutions across concept development, prototyping, reverse engineering, and CNC manufacturing, through to finishing and assembly.

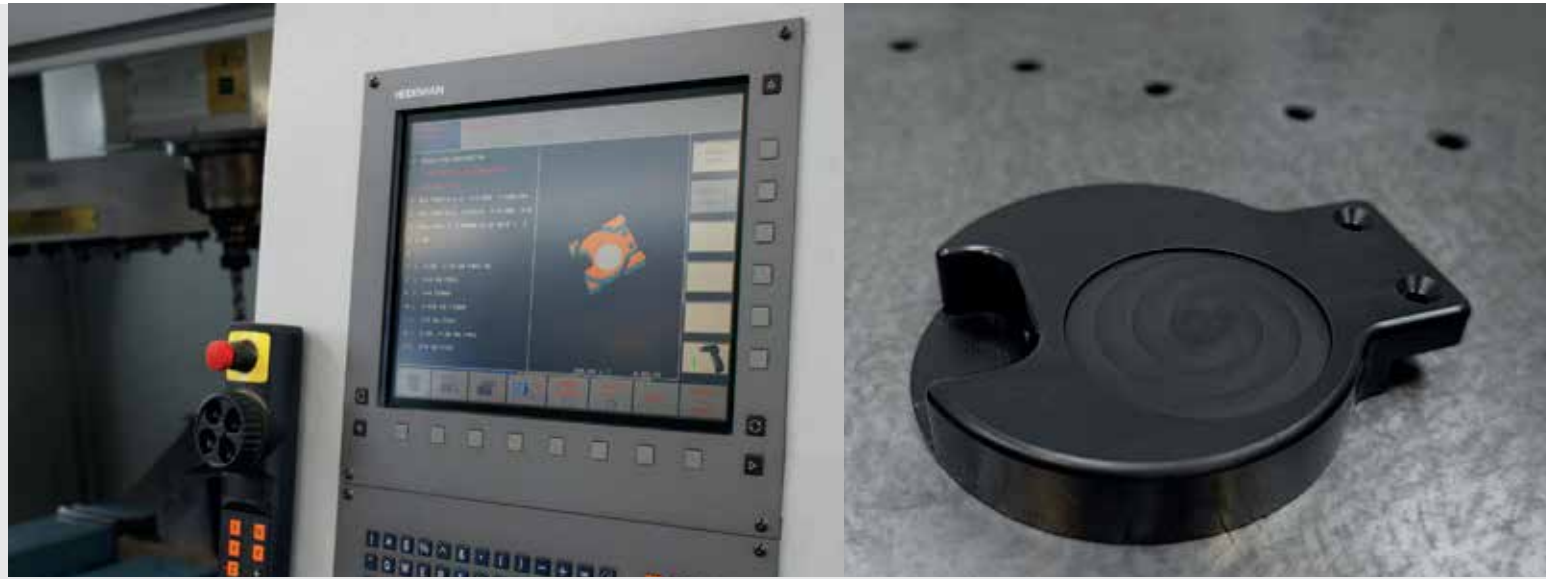
Our engineers' sector-specific knowledge and expertise enables us to take on diverse projects, producing quality plastics parts for a multitude of markets in the UK and worldwide.

ALL AXIS have extensive experience collaborating with engineers and project managers across sectors including energy, oil & gas, renewables (onshore and offshore), electronics, aerospace, defence, space, food & drink, technology, automotive, rail, construction equipment, and broader manufacturing. **Our customers value our first-hand industry insights.**

We have a deep understanding of the critical challenges presented by extreme environments and applications where reliable performance is essential. **Industries trust our components.**



**Need a partner for parts with repeatable accuracy? Prototypes or intricate work?  
From one-off projects to full production - ALL AXIS deliver.**



## Fit for purpose plastics

ALL AXIS specialise exclusively in precision plastic components - not because polymers always outperform metals, but because they are often better suited to the task.

With a vast range of engineered thermoplastics and thermosets, each offering distinct mechanical, thermal, and chemical properties, we help customers select the ideal material for their specific application.

We understand industry-specific challenges, performance requirements, and regulatory standards. The suitability of plastic type and method for each project is carefully assessed through analysis of loading, pressure, environmental exposure, and service-life expectations to ensure the job specification is perfectly fit for purpose.

The advantages of polymer properties translate into both upfront and long-term cost benefits. These include ease of manufacturing complex geometries, and lower mass contributing to operational efficiencies. Whether you need components that are lighter, cleaner, resist wear, don't corrode, or remain stable in extreme temperatures, polymers offer solutions that metals often can't.

## Design engineering excellence

Our award-winning in-house design engineering team brings specialist polymer expertise and a problem-solving mindset to every project. From concept through prototyping, refinement, and production readiness, we help customers optimise efficiencies while creating components that perform better, look exceptional, and last longer - all while reducing costs.

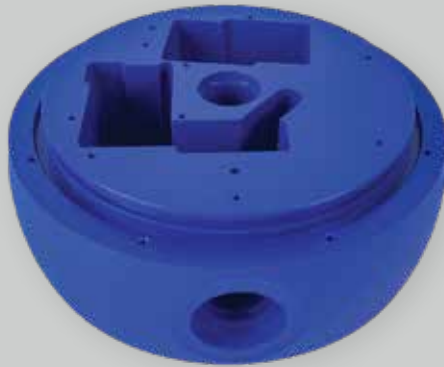
**Call us to talk about your idea or for a quote**

▶ 0141 761 4715 ◀

## We can advise you on the applications of a vast range of engineering plastics and high performance polymers

The graphic below details just some of the materials we work with.

High Performance	Engineering	Standard
PEEK, Torlon, PTFE, PPS, PEK	Nylon, PETP, and Acetal	PE, PVC, Polypropylene, ABS, PMMA



## A passion for polymers

ALL AXIS have the skills, machinery, technology, resources and infrastructure to provide a versatile and cost-effective response.

Our advanced manufacturing capabilities include multi-axis CNC machining and high-speed turning, specifically optimised for polymers. We routinely handle complex geometries and tight tolerances.

We specialise in machining high-performance plastics such as PEEK, Torlon, PPS, PTFE, and PEK - materials that demand specialist knowledge and equipment - often beyond the scope of conventional machine shops.

At ALL AXIS, our passion for polymers is matched only by our commitment to engineering excellence.

**Need advice on materials, tolerances, or part design?  
Our experienced engineers are ready to help.**

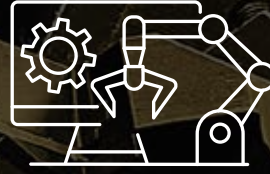
# Serving a multitude of industries with high performing polymers for a variety of applications



AEROSPACE



ALL ENERGY  
OIL & GAS



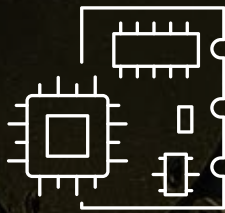
AUTOMATION



AUTOMOTIVE



DEFENCE



ELECTRONICS



INDUSTRIAL



MARINE



MEDICAL



NUCLEAR



PHOTONICS & LASER  
OPTICS

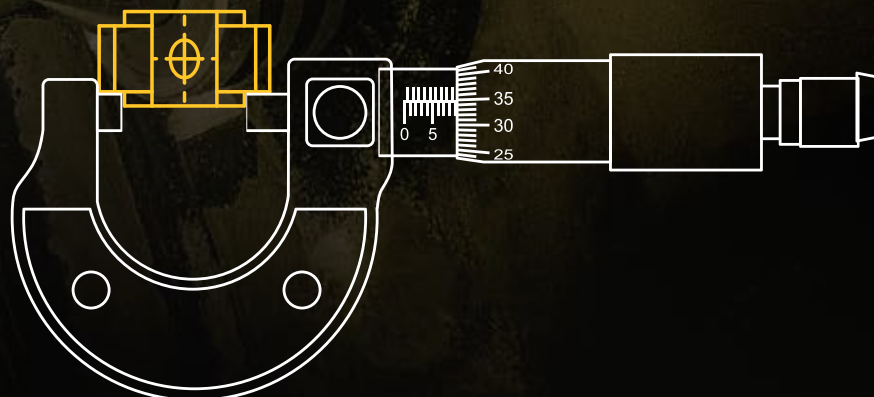


SPACE



TRANSPORT

*We will work to your exact requirements with unparalleled precision*



# Providing our customers with quality assurance



**A member of the ICL Plastics Ltd Group  
(1961) celebrating over 60 years of  
excellence.**

We are part of Scotland's largest group of independent plastics manufacturing, engineering and distribution companies. Our integrated business network enables us to maximise efficiencies and deliver greater value through the supply chain.



FM642299

**ALL AXIS are proud to meet the  
requirements of ISO 9001:2015  
certification.**

ALL AXIS are committed to providing a quick response and turnaround. Our quality and production control systems mean we dependably deliver zero defect parts against tight timescales.

## **ALL AXIS: 100% Precision Plastics Engineering**

Unlike mixed-material machine shops, ALL AXIS is dedicated to polymer-only production - minimising the risk of metal cross-contamination during manufacturing.

As specialists in precision polymer engineering, we deliver high-purity, high-performance components designed to meet the most exacting industry standards.

**No mixed workflows. Just precision you can trust.**

**ALL AXIS PRECISION PLASTICS ENGINEERING LTD**  
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