

# MANUFACTURER OF PRECISION, HIGH QUALITY COMPONENTS





## ABOUT FYLDE CNC

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Fylde CNC is a sub-contract precision CNC machining company. Our customers approach us with a need for a specific component and we will manufacture it. As part of our service we will ensure that the component is designed for manufacture in the most optimal way – often resulting in the original product design being improved.

Fylde CNC has a modern, world-class manufacturing facility, with the latest CNC machinery and CNC precision metrology laboratory, allowing real-time measurement and testing of products being manufactured on our lines. This means that defects are virtually eliminated, resulting in the highest possible quality products, greater efficiency, and lower costs.

Fylde CNC works with many of the world's top automotive brands and Tier 1s, as well as other sectors such as aerospace, medical, hydraulics and pneumatic.



**TALK TO THE EXPERTS** FYLDE CNC SPECIALISTS LTD  
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## PRODUCTS

### PRODUCTS

Fylde CNC manufactures products in quantities ranging from low run prototypes to high volume full-scale production of millions of units.

We manufacture a wide range of products including items such as exhaust valves, high pressure safety critical hydraulic valves, precision pneumatic parts, pumps, hose fittings, connectors and cartridge valves.

### SERVICES

We offer a design service which ensures that components are manufactured in the most efficient and cost-effective way, to result in zero quality defects.

Our ongoing research and development programme seeks continuous improvement in the processes, machines and materials used.



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## SECTORS

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**Fylde CNC supplies to a range of sectors, examples include:**

### **AUTOMOTIVE**

- Exhaust valves and components
- Actuators for turbochargers and exhaust gas circulation systems
- Drive shafts & prop shafts

### **AEROSPACE**

- Specialised aerospace connectors

### **MEDICAL & SCIENTIFIC**

- Reusable & disposable precise medical instruments

### **INDUSTRIAL AND OIL & GAS**

- High pressure stainless steel quick lock connectors
- Hydraulic and pneumatic equipment



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## QUALITY

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Fylde CNC specialises in supplying in high volume products with on-time deliveries and zero defects.

Products are developed using advanced product quality planning (APQP) in order to ensure new projects run smoothly.

Production part approval process (PPAP) guarantees confidence in new products and provides full documentation.

We operate ISO 9001:2008 quality management systems and are working towards TS 16949 approval.

We carry out a feasibility review at the quotation stage of both the component and the planned manufacturing process.

Using the PSL Datatrack production management system ensures a streamlined process and full traceability from quote to delivery.





## TECHNICAL CAPABILITY

The Fylde CNC factory features state-of-the-art precision CNC multi-axis machining cells. Parts are machined in a single process, resulting in a finished component from one machine.

We have a broad technical capability, with simple or complex products from 3mm diameter to 65mm diameter capable of being designed for production. We can manufacture components to tolerances of  $\pm 2$  microns ( $\pm 0.002\text{mm}$ ).

**We can also manufacture using a variety of materials ranging from stainless steels to more exotic materials, including:**

- Aluminium
- Aluminium Bronze
- Brass
- Copper
- Invar (Nickel-Iron Alloy)
- Martensitic Stainless Steel
- Standard Duplex Stainless Steel
- Steel
- Super Duplex Stainless Steel
- Titanium

Please contact us to discuss the suitability of different materials.



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