



Special Tooling & Rapid Response



www.exactaform.com

Special Tooling & Rapid Response

How can we help?

We are the largest PCD manufacturer in the UK. This is complimented by our rapid response deliveries. When your production is down we have a highly skilled, reactive work force that can produce any cutter within days.

As part of our on-going commitment to our premier customer service we always keep an open mind and talk about solutions, not problems. If your production is down then we will do our best to support you whether it is designing and manufacturing a one off special cutter or refurbishing an old tool (see our Tool Refurbishment Literature for more information).

Your tools will be given an expeditor/project manager, who has all the skills gained from programming and setting on the shop floor and years of experience in super-fast special tool manufacturing. To support this, Exactaform continues to invest in additional capacity that is solely dedicated to expediting work so that our normal manufacturing schedule is never interrupted.

What sets us apart?

Exactaform has a long standing history of rapid response, achieved by operating a flexible manufacturing process. The challenge faced by many companies is expanding to become globally competitive but still retain the core value of flexibility. The usual suspects are systems like JIT and Lean Manufacturing. Exactaform take these concepts to the next level.

So, how do we do this?

Our capacity for PCD production is vast. As PCD specialists, heavy investment in high tech production equipment has allowed for rapid growth, yet enabled us to further decrease our market leading delivery times.

We have highly accomplished and experienced tool makers who have the necessary skills to watch your tool every step of the way. This allows the tools to have an 'account manager' who ensures absolute quality and speed from the design right through to delivery.

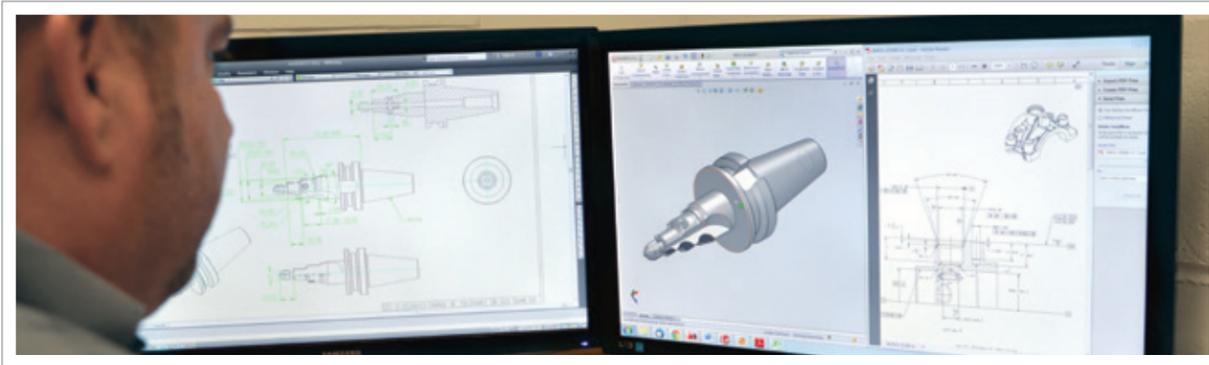
We have on-the-road application engineers that will help you optimize your process, set your tool and advise on the best cutting parameters.



**Flexibility
through Capability**

Capabilities

From design through to production, everything is kept in house to ensure the highest standards of quality are met. Exactaform has the capabilities to design and manufacture a comprehensive tooling package; including solid carbide, coated carbide and PCD cutters. For urgent inquiries, our flexible processes and modern machinery enable our rapid response team to fulfil even the most critical deliveries.



With state of the art CAD software complimented with reverse engineering technology, your tools are designed to your exact specification. Our skilled design engineers can tailor standard designs to your requirements or develop custom solutions for your applications.

Your tools are designed not simply to work with your application, but they are designed by engineers who understand the manufacturing process. This prevents the tool cost from rising unnecessarily and optimises the lead times.



Heavy investment in cutting edge machinery facilitates rapid tool production. A thermally controlled atmosphere maintains quality and repeatability.

Using high batch production machinery and skilled programmers, Exactaform can fulfil challenging orders on schedule. Whether you require a one off special tool or a large batch order, our flexible processes will ensure your satisfaction.

Join us for a tour of our Coventry facilities where you will be able to experience our process control systems, quality procedures and see our unmatched operational capacity for PCD tooling. We will take you on a walk around the factory floor where the engineers will be happy to answer your questions.



All our expeditors are skilled engineers

Case Studies: PCD

Our reputation for rapid response has been demonstrated by our ability to provide some of the most competitive tooling turnarounds found anywhere in the marketplace.

PCD Reamer/Milling Cutter Combination



Combining the PCD reaming technology with a carbide milling cutter the customer was able to increase productivity by 32%. The machine went down and we were able to manufacture a new tool in just 7 days.

Delivery: 7 working days

PCD Countersink



The customer required 3 off PCD Countersink Cutters, Exactaform was able to modify existing tools from stock to produce the exact specification, delivered within 24 hours.

Delivery: 1 working day

PCD Carbon Drill



Exactaform's own drill design was requested by a US company urgently. Exactaform modified the design to suit the customer's individual specifications and sent 3 drills overseas within 4 days.

Delivery: 4 working days

PCD Multi-step Form Tool



A complex solution reverse engineered from an existing cutter. This tool replaced an existing tool in an emergency to keep production running, despite an unforeseen setback.

Delivery: 7 working days

Case Studies: Carbide

"Your agility makes Exactaform one of the most capable, advanced cutting tool suppliers in the World..."

from a senior manufacturing development engineer at a leading aerospace company

Solid Carbide Form Tool



Production was down so to maximise delivery Exactaform supplied a solid carbide form tool whilst the PCD counterpart was moving through production.

Delivery: 1 working day

Solid Carbide Milling Cutter



The customer had been forced to reject their original batch of tools due to a competitor's mistake. Exactaform used Rapid Response to produce the tool in 2 days.

Delivery: 2 working days

Solid Carbide Form Tool



With end cutting geometry this uniquely designed form tool outlasted a competitor's tool. Exactaform uses the best quality materials to make all tools, and the results speak for themselves.

Delivery: 2 working days

Solid Carbide Form Tool



This form tool required absolute accuracy to produce the component. Exactaform used it's highly repeatable EDM technology to provide a quick response tool.

Delivery: 2 working days



2159 N Thompson Ln Suite B8,
Murfreesboro TN, 37129

(615) 624-8709

www.exactaform.com