

YOUR GUIDE TO REGRINDING



PRODUCED BY

A&S
TOOLING

Extend the life of your tools...



Are these common problems within your production line?

- Tools getting damaged
- Tools becoming too worn for further use
- Tool performance decreasing
- Increase in production downtime
- Spending thousands on buying new tools

Are you looking for a cost-effective way to replace your worn-down tools?

Our regrinding service will have your old and trustworthy tools performing like new, as quickly as possible, saving you both time and money.

Our engineers are experienced in both traditional and modern techniques. We offer advanced engineering and innovative solutions that breathe life back into your tools and save you thousands of pounds in brand new equipment.

Our extensive knowledge within the industry means that we can have your tools back in pristine condition quickly, reducing your downtime and improving your services.



What is regrinding?

Regrinding is a cost-effective way of prolonging the life of your tools, rather than buying new ones. Your old tools will be as new and will perform equal to, or better than a new tool would.

If you use your cutting tools on a daily basis and they are an essential tool for your work, then they will eventually begin to wear down. Often people purchase new tools when this occurs, but regrinding services mean that this is no longer the essential next step.

If you use bespoke tools, then regrinding could save you thousands of pounds, as well as shaving weeks off your waiting time.

We are able to collect your tools and have them back to you sharpish, effectively improving the overall performance of your cutting tools, and minimising your downtime. Time is money.



What are the benefits of regrinding?

Our regrinding services will recondition all types of rotary cutting tools, whether these are standard cutting tools or your own, bespoke designs.

If your tools are bespoke, then regrinding will save you a larger amount of money than if you were to seek the design and manufacturing of another new bespoke cutting tool.

This process will also be quicker than the manufacturing of a new bespoke tool, as our innovative technology and equipment means that we are able to refurbish your tools and have them back to you in a short amount of time.

Saving money in this area, could help to fund your business in more ways, either investing in more advanced equipment or multiple, bespoke cutting tools.



How does the process work?

It's as simple as **1-2-3**. All you have to do is contact our sales office to arrange collection, either by one of our own vans or by one of our trusted transport partners.



1

We have our own fleet of vehicles which ensures that we are able to provide prompt, discreet, scheduled and Kanban collection and delivery services. **Deliveries to more remote customers are entrusted to our reliable and timed delivery contractors, giving you peace of mind.**

2

Prior to collection, your tools simply need placing into one of our regrind boxes with a regrind sheet. You will then receive a detailed quote for the regrinding of your tools for you to approve. This will be sent to you once the tools have been looked at by a member of our team. This quote will then need to be approved by you before we go ahead with any regrinding services. This approach means we have full knowledge of what tools are off your premises, important for maintaining your stock levels.





3

We use innovative automatic loading equipment and robots to offer you manufacturing services at reduced rates, enabling us to regrind batches of cutting tools which may previously have been rendered uneconomical. By using this modern, CNC machinery, we can use the manufacturers original geometry to match the design back to its original state, ensuring that your tools perform as they did when they were new.

We are also able to improve on a new tool's performance by introducing geometry features which we have learnt from our many years of experience within the industry. We can be as bespoke as you need us to be.

Our aim is to ensure that we are not only supplying you with your tools in the best condition, but ensure your downtime is kept to a minimum so that your business can continue operating to your highest standards.

This is why our customers regularly return to us for our innovative solutions. We are experts within our field and can provide the best quality service.



Regrinds Details Sheet

To get started with a quote now, please enter your information directly on the form below. Once completed, simply save this file and email it to **info@astooling.com**

COMPANY:

CONTACT NAME:

EMAIL:

TELEPHONE:

TOOL DESCRIPTION	QUANTITY	CORNER RADIUS	COATING
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SPECIAL INSTRUCTIONS

TOOL DESCRIPTION	QUANTITY	CORNER RADIUS	COATING
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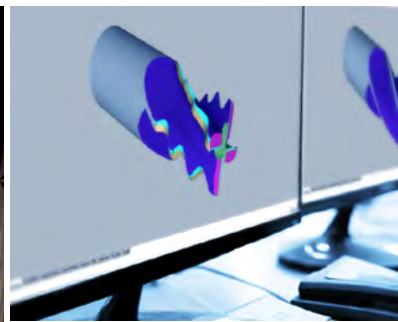
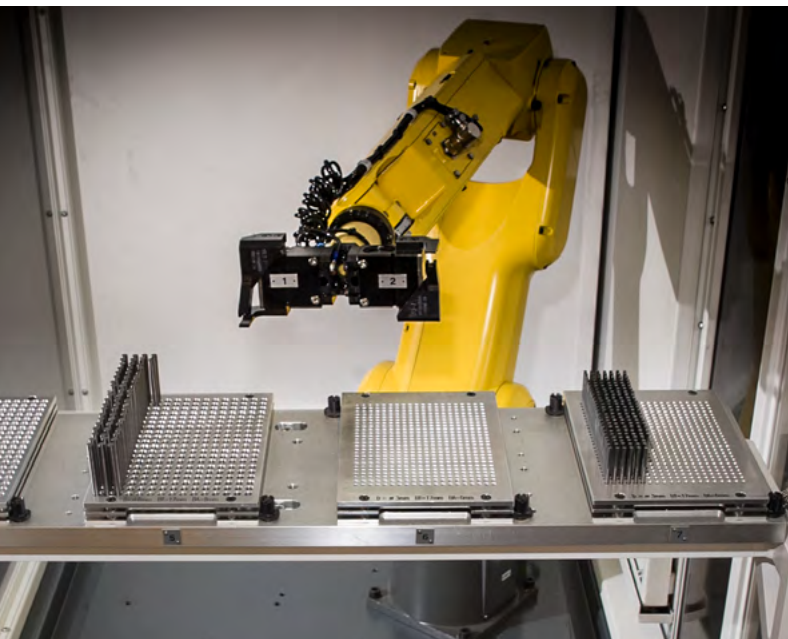
SPECIAL INSTRUCTIONS



A&S Tooling

A&S Tooling are based in Leicestershire and began as a conventional regrind shop. We have specialised in manufacturing and designing the highest quality cutting tools for over 30 years.

Our customer base is diverse, with the majority being repeat or long term supplier partnerships. We work across a variety of sectors, ranging from Aerospace to Formula One, and are renowned for our services across the UK.



We are constantly growing our innovative facilities to meet the standards of new technical advances and the most demanding of requirements.

We understand your needs and will use our state of the art technologies and extensive industry knowledge to ensure that we provide you with the best cutting tools on the market.

We have close working relationships with our customers, often becoming their preferred

engineering supplier. This supplier partnership provides benefits for the customer such as having a multi-skilled workforce who have both traditional and modern engineering techniques, as well as advanced engineering and innovative solutions.

We began as a conventional regrind shop and we have managed to maintain our original, great service throughout our years of growth and success.



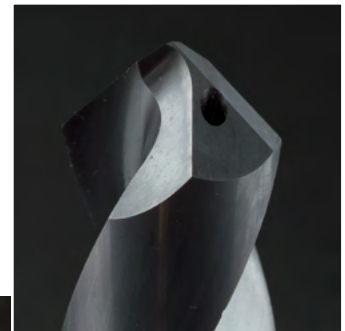
Our range of services

Our knowledge doesn't just stop at regrinding. We also offer a range of other manufacturing processes, providing you with the best quality, technical solutions.

COATING AND RECOATING

Along with our regrinding services, we offer a coating and re-coating service which reduces tool wear, friction and the risk of oxidation. Your tool will perform as designed by resulting in increased volume of precision cutting and a longer tool life.

If your tool is coated, then this can increase thermal stability and reduce metal fatigue, as well as providing the possibility of dry machining, if required. We offer a range of different coatings, which our team of experienced engineers are happy to advise on.



NEED A NEW TOOL?

We can design you a cutting tool to meet your exact requirements, ensuring that your design is of the highest quality and performs exactly as you need it to. Need a bespoke design? We can do that too.

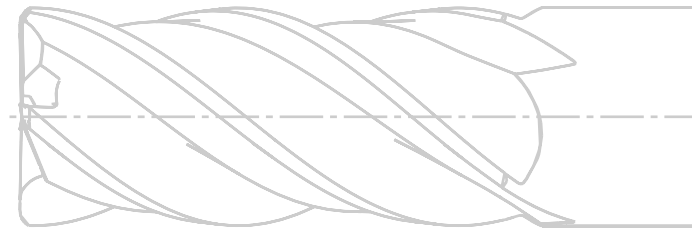


Services continued...

TOOL DEVELOPMENT

Our tool development process is straightforward in many ways. We are able to create a precise interpretation of the component profile, which is then transferred to CAD, where adjustments can be applied more easily. Materials, machining speeds and tolerances are all kept in mind and are used to calculate the precise cutting profile, ready to be brought to life.

We understand that sometimes you need a tool which meets the high demands of a difficult task, and we pride ourselves on being able to understand your needs. You expect quality and precision from both our manufactured cutting tools, and our bespoke service, and we're dedicated to meeting your expectations.



GT4V HIGH PERFORMANCE ENDMILLS

We also offer a range of GT4V high performance Endmills which provide higher cutting speeds and longer tool life. They are specifically designed to provide excellent results on titanium and exotic alloys, and abrasive work piece materials.

Our GT4V range is priced competitively, formed from submicron grain solid carbide and feature a multilayer Nano composite TiSiN coating for maximum durability.



Service is the key foundation of our business. Our aim has always been for our customers to be happy with the services we provide and the end result we deliver to them. Our customers are never disappointed and are often pleasantly surprised by our ability to respond to their needs with innovative solutions, rapid prototyping and valuable engineering.

We have close relationships with both our trading and supplier partners, meaning that we are able to respond to requests quickly and are flexible with our services.

If you would like to know more about our regrinding services and our range of precision manufactured cutting tool services, get in touch with us today:

0116 2640 100

info@astooling.com

www.astooling.com/regrinding



CELEBRATING 30 YEARS OF PRECISION