



INFINITE POSSIBILITIES.®

**QUICKGRIND**®  
carbide tooling

# Welcome

As a brand, Quickgrind is recognised as the technology benchmark in solid carbide cutting tool manufacture and development. Since our inception over 50 years ago, we have strived to manufacture ground breaking and world leading cutting tool innovations. We manufacture and distribute to cutting edge manufacturers in a variety of industry sectors in over 37 countries, constantly keeping them abreast of best practice. Education has always been a part of our company's DNA.

The entry point to the manufacturing industry is education. Whether it is through college, university, school or vocational on-the-job training, getting the fundamental steps of manufacturing practices is critical. Taking this into account, it is paramount that the best education, practices and products are available for the engineers of tomorrow, from day one.

When Quickgrind's cutting tool technology is introduced at the grass roots level of the learning curve, you can rest assured that the next generation of engineers are going to be working with the very highest quality solid carbide cutting tools.

At Quickgrind, we feel it is a fundamental responsibility of industry to nurture and develop the engineers of tomorrow. We take our commitment to closing the potential skill gap

between academia and the fast-changing manufacturing sector very seriously.

Part of our business philosophy is to support and enrich the training of apprentices and students whilst delivering relevance to the ever changing industrial landscape. We aim to ensure nobody is denied access to the best that industry has to offer whilst on their road to a successful career in manufacturing.

At Quickgrind we are very actively involved with educational facilities throughout the UK and Ireland at all levels. Working in synergy with colleges and universities, the educational establishments and their students benefit from our extensive knowledge and quality of tooling.

**We call this the Quest Programme, and we invite you to join us.**



Quickgrind  
Educational Support Team

When educational facilities engage with us, they will receive the full support of the Quest (or Quickgrind Educational Support Team) Programme. Quest's Technical Support Engineers will educate staff and students alike in how to achieve optimal performance of cutting tools. They will visit your machine shop facility and review, report on and implement best practice with regard to improving applications and machining strategies. With so many parameters regarding material types, cutting strategies, the machine limitations, tool and workholding plus much more, our engineers will interact with students and apprentices and impart our decades of knowledge onto them, working alongside your educational staff and lecturers.



## How does Quest work?

The Quest Programme works on a number of levels. We will supply our high performance cutting tools to your educational establishment at very cost effective prices with unsurpassed levels of support. These products are the benchmark in high-tech industry sectors such as the aerospace, motorsport and F1, automotive, mould and die, medical sector and many more. We do not supply inferior quality products based on the assumption that 'it's only for students and apprentices'.

## The QuickCam facility

Along with the excellent quality of the cutting tools and technical support, Quickgrind can offer its unique QuickCam facility to improve CNC machining strategies. This CAD application facility can allow machine shops with 3, 4 and 5-axis CNC machine tools to run tool strategies in-line with manufacturing industry parameters. You can send us a model of your component or we will visit you on-site to look at your applications. This also gives students an insight and education on the use of industry leading application based CAD packages. This product has restrictions and limitations per facility and charges may apply.

## QuickVend tool vending

When a college or university works with Quickgrind our aim is to install a QuickVend vending machine for quick access to tooling. Vending is now commonplace throughout industry and it has become an integral part of tool purchase, management and accounting. Introducing students to vending and even the possibility of adding it to the curriculum is advantageous for trainees and colleges. Vending exposes students and apprentices to industry methodologies that encompass inventory management, stock control, accounting and cost management as well as security and accountability for stock, all industry-applied strategies.

## Our goal

Our aim is to engage as many colleges, schools and universities in the Quest Programme as we possibly can throughout the UK and Ireland. By supporting the education sector we are fulfilling our responsibility to deliver the engineers of tomorrow and this runs parallel to our philosophy and commitment to in-house training, innovation and development.

- **Quality tooling at a cost-effective price**

50% off all Quickgrind solid carbide products from day one

- **Technical support for your engineering facilities**

Hands on support from industry experts

- **CAD interface with engineering facilities**

Programming support where applicable

- **QuickVend machines installed at your facility**

Free vending machine installed and tailored to each facility, integrated into college curriculum

- **Cutting tool and machining strategy seminars**

Presentations, training sessions on finishing strategies, trochoidal milling and high feed cutting

Optimised tooling tailored to suit your CNC machine tools

- **Open Days at Tewkesbury**

We invite educational establishments for a tour of the Quickgrind facility to enable networking between Colleges and Universities as well as providing an industry insight for students

The University of Wolverhampton's School of Engineering and their racing team, UWR, have enjoyed a three year partnership with Quickgrind, enabling students from all disciplines of engineering to learn the use of cutting edge technologies. Quickgrind's expertise and guidance has helped our students develop their knowledge and practical skills, preparing them for a smooth transition to the work place.

The partnership between Quickgrind and UWR has benefitted all branches of the racing team, from the F3 Cup single-seater, to the road-derived Morgan Plus Fours to the IMechE Formula Student team. In each instance, Quickgrind has made a valuable contribution to the performance of the team, assisting with tooling, components and their knowledge base. With Quickgrind's help, the F3 Cup team have remained consistently at the top of the championship, the Morgan team are the defending champions of the Morgan Challenge and the Formula Student team are improving each year.

Working with highly regarded companies like Quickgrind also raises UWR students' aspirations. They gain confidence in their own developing skills through the pride and passion that Quickgrind show in the team. By working with our students at a professional level, they are encouraged not just to execute their skills, but elevate them, qualities that are essential for working in the upper echelons of motorsport.

“ Quickgrind encourages our students to elevate their skills, essential in the upper echelons of motorsport ”

## Our QUEST partners

Universities and colleges already benefiting from the Quest Programme include University of Strathclyde Advanced Forming Research Centre (AFRC), the Advanced Manufacturing & Automation Centre (AMAC), University of Cambridge, Coleg Cambria, The University of Edinburgh, University of Glasgow, Kirklees College, Newcastle University, Training 2000, University of Wales Advanced Manufacturing Skills Academy (AMSA), University of Wolverhampton and University of York.



To find out more about how you can join them please contact the Quest Programme Ambassador, Mark Aspinall, on:

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## The University of Edinburgh

We have been working with Quickgrind since January 2017 following our introduction to the company by their Quest Programme Ambassador. We have had great success and have been delighted with the remanufacturing service we've received. We have also recently been discussing the use of conical barrel tools and the CAM support they offer to assist us in optimising our 5 axis machining capabilities.

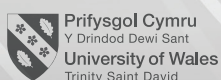
*Technical Support Officer,  
School of Engineering, The University of Edinburgh*

“ We have had great success and have been delighted with the service we've received ”

## AMAC/Training 2000

We have been really impressed with Quickgrind's innovative solutions to complex machining applications and their professional customer service. This partnership will further improve the quality of training our learners receive and allow us to work on future advanced machining projects.

*Advanced Manufacturing Technician, AMAC*



# Technical Centre

As part of our commitment to customer service and support excellence, Quickgrind has invested in a state-of-the-art Technical Centre.

The facility offers clients a comfortable and technologically advanced environment in which to discuss all their cutting tool requirements, challenges and ambitions.

Quickgrind is collaboratively working with OPEN MIND, CGTech VERICUT and other leading CAM vendors, and clients can work with Quickgrind experts to conduct trials on our new Mazak and Quaser machining centres whilst generating and running tool paths and machining strategies.

Our investment in the Centre and our many technical partnerships, including with our own QuickVend tool vending division, all enable us to demonstrate the realms of what is possible with our ground-breaking tooling and tool management solutions.

The Centre is fully equipped with a technical seminar theatre and training room that can accommodate more than 30 attendees.

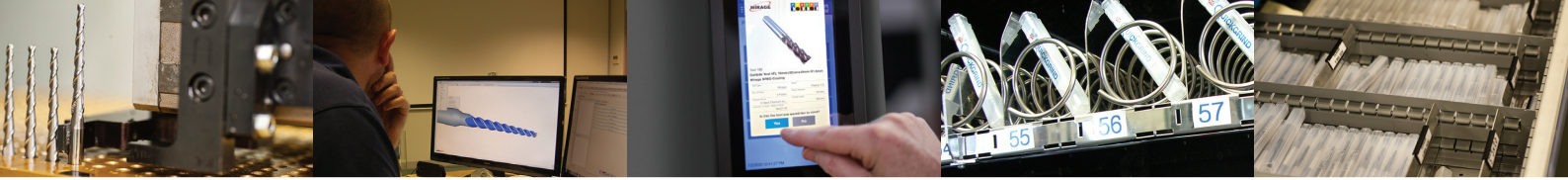
## Everything you need to improve your machining performance

There are two meeting rooms, workstations for programming CAM strategies and toolpaths and of course the two machining centres for conducting trials and demonstrations. Additionally, visitors can take guided tours of the production facility and spend hours immersed in technical training and discussions with our cutting tool, vending, CAM and machining experts, all in a pleasant and comfortable setting that is equipped with everything you need to improve your machining performance.

Contact us today to arrange a visit

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## Our technical partners

