



Serving all major Global Industries

AUTOMOTIVE

Introduction

Established in 1963, ATA are the world's leading manufacturer and distributor of tungsten carbide burs. The company also offer customers an extensive range of Abrasives, Industrial Air Tools and Cutting Tools which are sold in over eighty countries globally.

The company has state-of-the-art facilities in Ireland, the UK, the US and Germany. ATA products are now sold in eighty five countries around the world, with advanced manufacturing plants, along with research and development centers and sales offices in three continents.

For over 55 years, ATA have been making burs to the highest specification in the market. We have advised and served customers by combining technical expertise and the highest standard of manufacturing technologies to lead the market in innovative solutions.

Our extensive range of high quality products, our level of knowledge and expertise and the flexibility of our approach and structure, allows us to design a complete bespoke solution for our customers in all major industry sectors including aerospace, automotive, oil and gas markets, shipbuilding and metal fabrication.



The ATA Offering



State of the art manufacturing facilities located in Ireland, UK & USA



100 CNC Machines globally, maintaining consistent product quality



Manufacturing process conducted to strict quality control standards
Accredited ISO9001: 2015

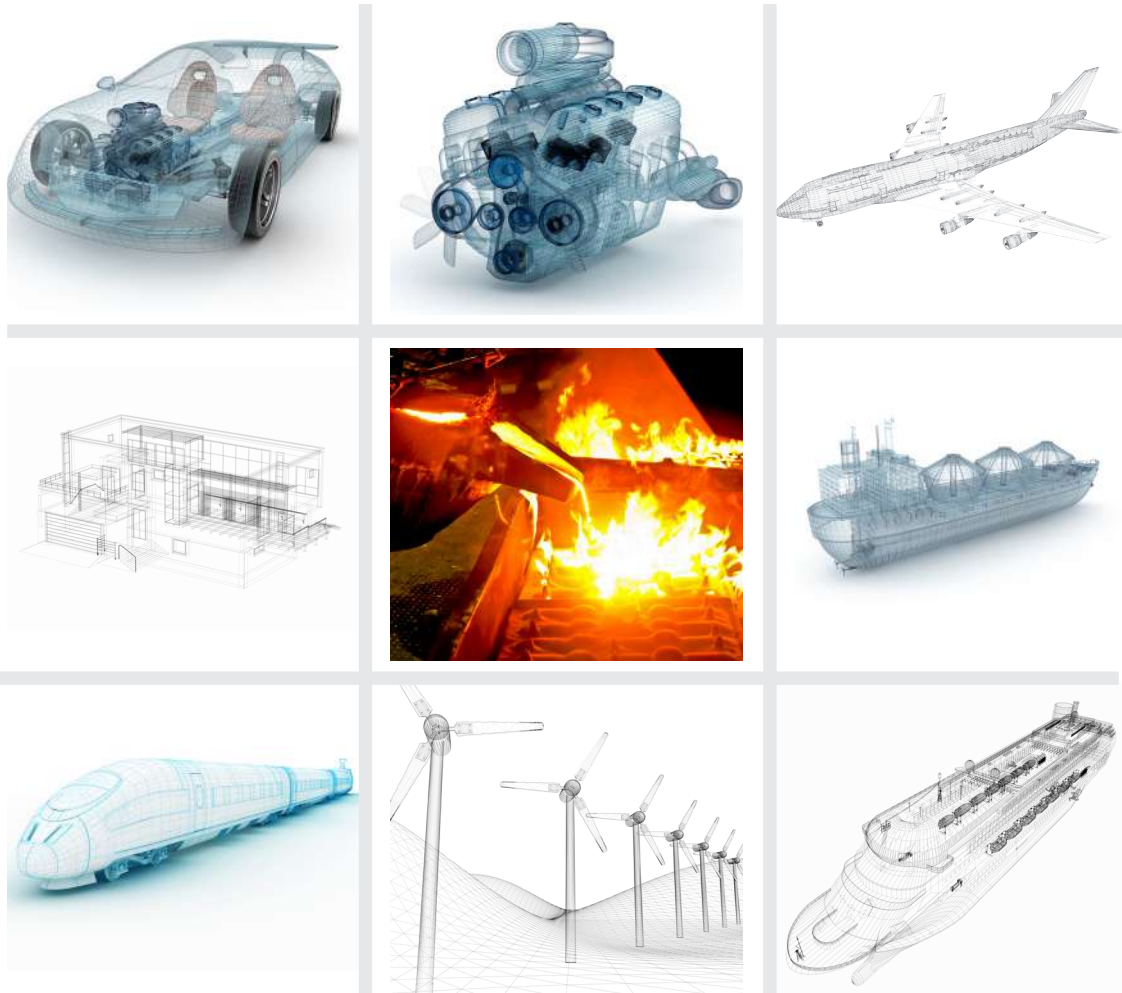
R&D capabilities to develop and supply material specific cutting geometries

- Manufactured from high quality sintered tungsten carbide, guaranteeing constant high performance and durability
- Improved stock removal
- Smoother operator experience
- Removing difficult to grind material more efficiently
- Reducing heat build up at the cutting edge and workpiece material
- Achieving performance related grinding - ensuring production savings and reduced downtime



GLOBAL INDUSTRY

ATA designs, manufactures and distributes products from an extensive portfolio of grinding solutions, servicing all major manufacturing industries for many years.



Delivering innovation - driving excellence

ATA is engaged with the design, manufacture and distribution of grinding solutions for all major manufacturing industries.

With over 55 years' experience, ATA offers a wide range of Tungsten Carbide Burs and Routers; an innovative portfolio of Industrial Pneumatic Tools and a complementary assortment of bonded and coated abrasives products.

Over the last decade ATA has been propelled to a position of global excellence to service industries, combining our engineering competence and our solid operational ethos, and a passion for innovation with an extensive technical know-how.

Industries face ongoing challenges with a growing competitive landscape.

Our objective is to increase productivity and to reduce downtime without compromising on quality and operators' safety.

For all your deburring and grinding applications, ATA can offer a standard solution or bespoke offering and outsourcing agreement. From hand-held operations to robotic deburring, ATA works closely with customers to deliver innovation and drive excellence.

AUTOMOTIVE

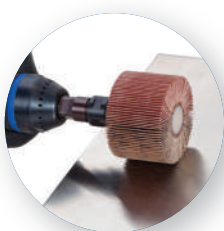
Applications know-how

Our automotive portfolio is dedicated to provide customers with deburring and grinding solutions to suit all applications engine block deburring, alloy wheel mould production and composite routing.

Designed for all metals and composites, our extensive range of Tungsten Carbide Burs and Routers contains over 10,000 SKUs.

Our specialised range of Industrial Pneumatic Tools offers a reliable, well-designed and ergonomically enhanced array of hand-held tools to maximise productivity and maintain operators' wellbeing.

Our complementary range of speciality abrasives, from quick-change discs, abrasive belts to our unique patented range of Flexidiscs®.



COMPOSITE PLASTIC

Exterior (Bumper and Trims)

Composite Routers

4

CAST STEEL

Engine Block

Bur Cut: Double Cut (incl. Long Series) Steel Cut, NG6

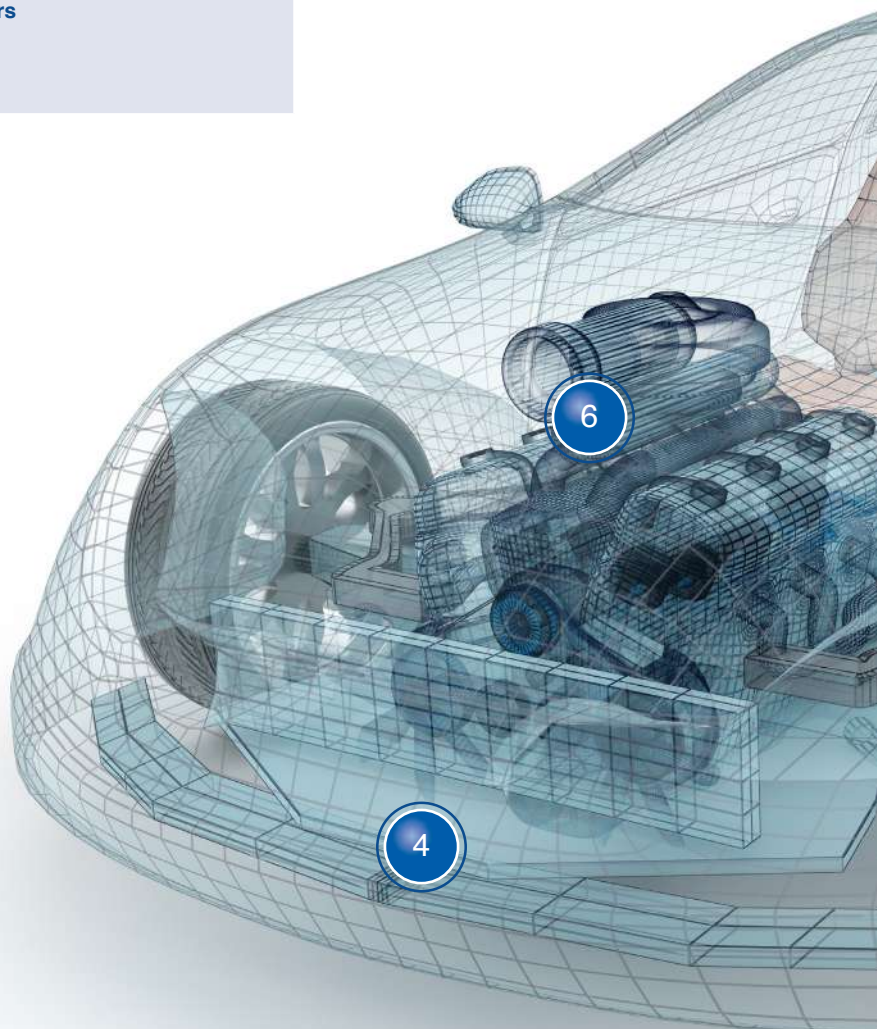
Abrasives: Flap Wheels | Quickchange Discs

Air Tool Ranges:

Die Grinders: SM, SMX

Angle Grinders: RA12M

6



6

4

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ALUMINIUM

Alloy Wheels, Exterior Body (Bonnet and Boot Lid / Roof Panel)

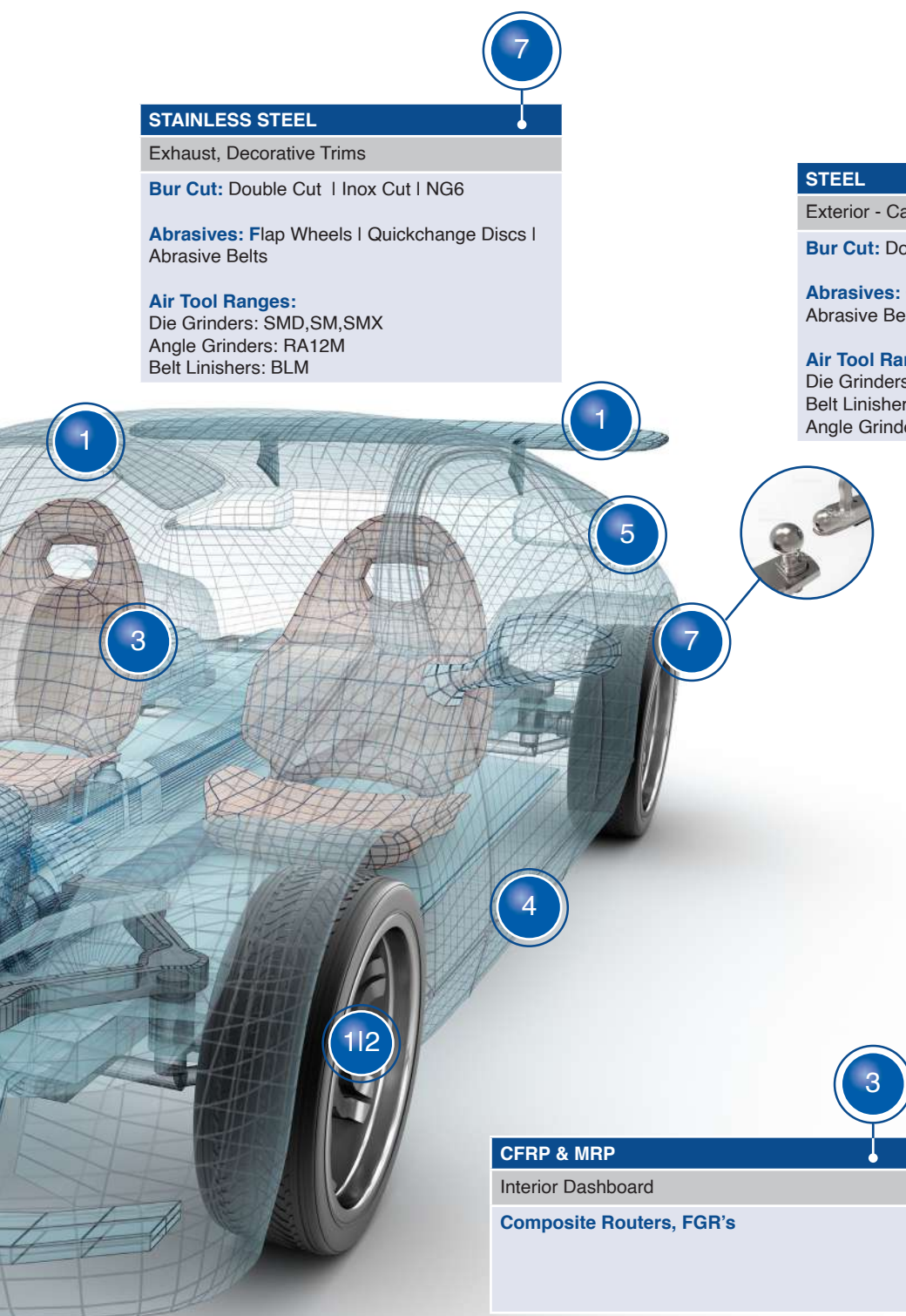
Bur Cut: Aluminium Cut

Abrasives: Flap Wheels, Abrasive Belts

Air Tool Range:

Die Grinders: SMD, SM, SMX

Belt Linishers: BLM



STAINLESS STEEL

Exhaust, Decorative Trims

Bur Cut: Double Cut | Inox Cut | NG6

Abrasives: Flap Wheels | Quickchange Discs | Abrasive Belts

Air Tool Ranges:

Die Grinders: SMD, SM, SMX

Angle Grinders: RA12M

Belt Linishers: BLM

STEEL

Exterior - Car Body

Bur Cut: Double Cut

Abrasives: Quickchange Discs | Flap Wheels | Abrasive Belts | Flexidiscs®

Air Tool Range:

Die Grinders: SMD, SM, SMX

Belt Linishers: BLM

Angle Grinders: RA12M

CFRP & MRP

Interior Dashboard

Composite Routers, FGR's

STEEL

Steel Wheels

Bur Cut: Double Cut

Abrasives: Flap Wheels, Abrasive Belts

Air Tool Range:

Die Grinders: SMD, SM, SMX

Belt Linishers: BLM

Customer Service

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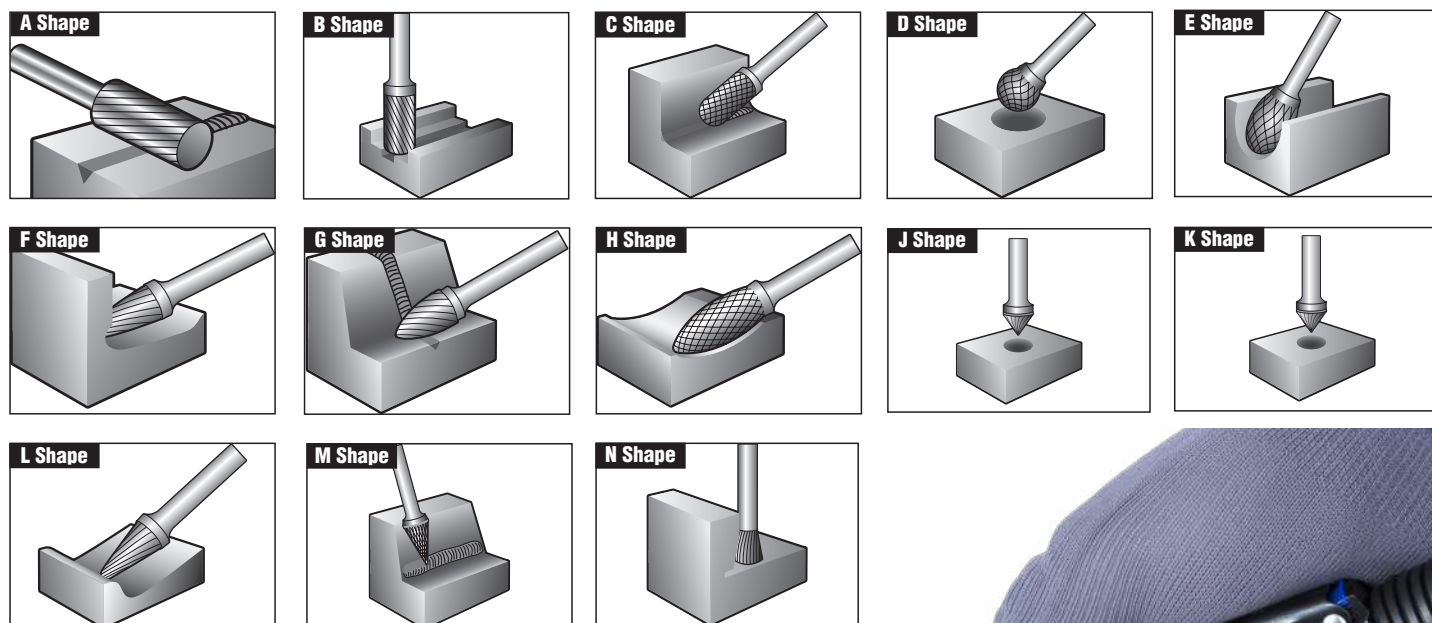
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To find out more
scan here

CUT APPLICATIONS



Application Tips



DO:

- Always operate the bur within the recommended speed range
- Select the appropriate shape, diameter and cut style for the application
- Ensure the appropriate Air Tool is used and that it is regularly maintained
- Fix the maximum length of bur in the collet
- Run extra long burs at slower speed, do not exceed 15,000 RPM
- Check that the bur is running true in the Air Tool before use
- Securely fix workpiece and hold the Air Tool firmly
- Use a smooth cutting action with constant movement.
- Use light pressure, let the bur do the work



DONT:

- Run the bur above the Maximum Operating Speed (refer to speed guide on page 8)
- Run the bur too slowly (refer to speed guide on page 8)
- Allow bur to be exposed to excessive mechanical or thermal shock
- Sink the bur to more than one-third of its periphery
- Jam the bur into grooves, crevices or cavities
- Allow the brazed bur to become too hot, this may cause the braze to soften and cause the head to become detached from the shank. (only applies to burs where head diameter is greater than the shank diameter)



Wear Eye Protection!



Wear Hearing Protection!



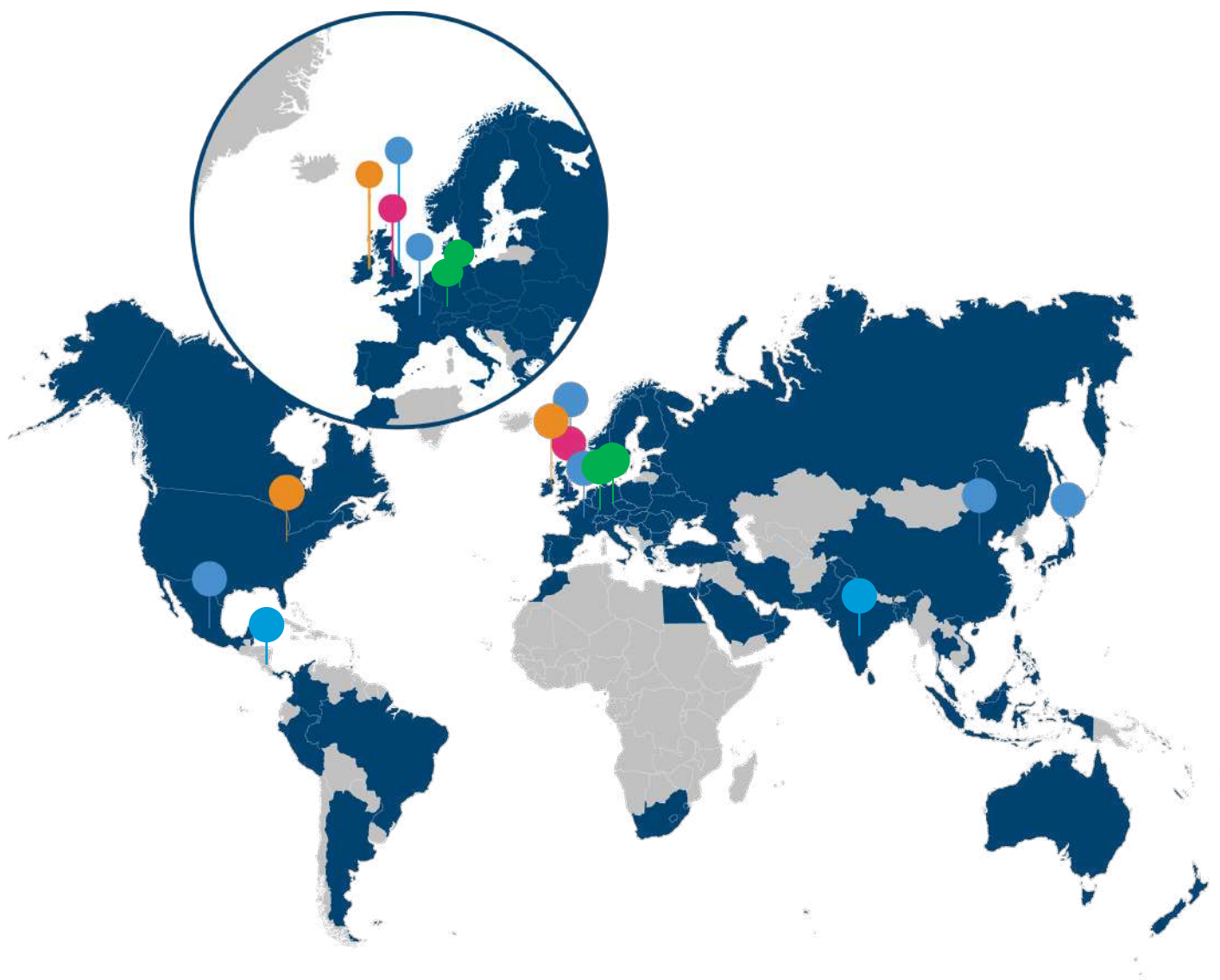
Observe the recommended rotational speed, especially when using burs with long shanks!



Wear Protective Gloves



Wear Protective Mask



ATA Locations

- ATA Manufacturing, R&D and Sales Centre
- ATA Manufacturing Plant and Sales Centre
- ATA Sales Office
- Distribution Centre and Sales Office
- Areas Covered by Distribution



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