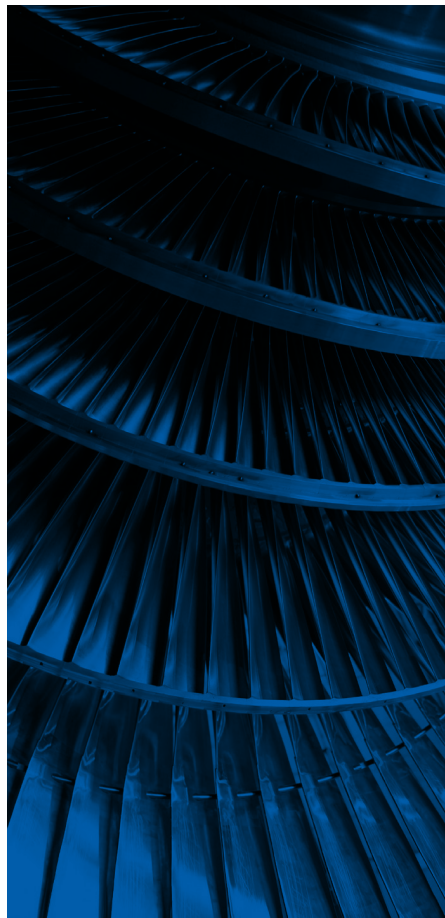
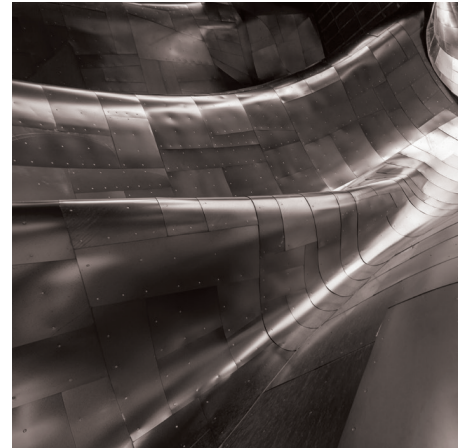




Garryson®



ABRASIVES

PRODUCT CATALOGUE

METRIC

INTRODUCTION



INTRODUCTION

With over 50 years experience, ATA is a global leader in the provision of high-end products. Our comprehensive portfolio offers a solution for every grinding and finishing application, optimising processes in terms of economic efficiency, reliability and safety. Our customers come from a wide variety of industries, including automotive, aerospace, foundries, metal fabrication, oil & gas, marine, medical, rail and power & energy.

INNOVATION

Continuous investment in customer and application driven product development, providing the most effective solutions

PEOPLE AND EXPERTISE

An experienced and skilled team of abrasive engineers, technical support and customer support teams, ensuring the best service

TOOL AND CONSUMABLE COMBINATIONS

Products can be combined with a comprehensive range of ATA Air Tools, ensuring maximum performance output



ATA Tools Ltd.,
IDA Business & Technology Park,
Killygarry, Cavan, Co. Cavan,
H12 DK46, Ireland

T: +353 (0) 49 432 6178
E: sales@atagroup.ie
W: www.atagroup.co

ATA Garryson Ltd.,
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Leicestershire, LE67 6LR,
United Kingdom

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ATA Tools, Inc.
7 Ascot Parkway, Cuyahoga
Falls, Ohio 44223,
USA

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ICON LIBRARY

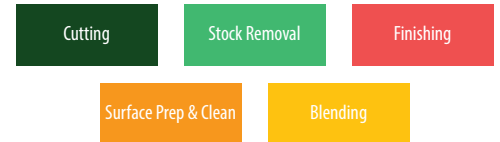
SPECIFICATIONS & FEATURES

Abrasive	
Bonding	
Bore Diameter Ø	
Colour	
Density	
Depth	
Diameter Ø	
Disc Holders	
Grain	
Hardness	
Holders	
Length	
Mandrel Part No.	
Max RPM	
Pack QTY	
Series	
Shank Diameter Ø	
Shape	
Spindle	
Structure	
Width	

SAFETY ICONS



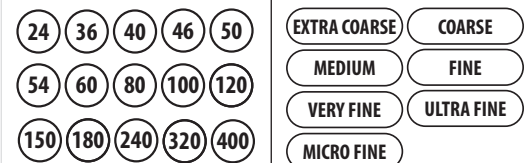
APPLICATIONS



PRODUCT DISCOUNT GROUP



GRIT SIZE & GRADE



BACKING PLATES

(Glass Fibre / Angled)
Type 29

(Glass Fibre / Flat)
Type 27

(Aluminium / Angled)
Type 29

(Glass Fibre / Angled)
Type 29

(Glass Fibre - Flexi)

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(See price list for full list of part codes)

QUICKCHANGE DISCS

Aluminium Oxide Quickchange Discs | Zirconium Quickchange Discs |
Ceramic Quickchange Discs | Surface Conditioning Quickchange Discs |
Finishing Quickchange Discs | Holders



QUICKCHANGE DISCS - ALUMINIUM OXIDE QUICKCHANGE DISCS



(36) (40) (50) (60) (80) (120) (180) (240) (320) = Grit Size

46

Finishing

Surface Prep & Clean

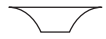
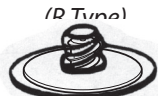
Blending

Quickchange Discs



Aluminium Oxide Quickchange Discs

- Ideal for general purpose grinding, deburring, blending and edge grinding on Ferrous and Non-Ferrous materials
- Excellent durability for edge grinding



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQA25 (40) (50) (60) (80) (120)	25mm	40,000	100	GQR025	-
GQA38 (40) (50) (60) (80) (120)	38mm	25,000	100	GQR038	-
GQA50 (36) (40) (50) (60) (80) (120) (180)	50mm	25,000	100	GQR050	-
GQA75 (36) (40) (50) (60) (80) (120) (180)	75mm	20,000	50	GQR075	GQRM1420



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQA25 (36) (40) (50) (60) (80) (120) (180)	25mm	40,000	100	GQS025	-
GQA38 (40) (50) (60) (80) (120) (180) (240)	38mm	25,000	100	GQS038	-
GQA50 (36) (40) (50) (60) (80) (120) (180)	50mm	25,000	100	GQS050	-
GQA75 (36) (40) (50) (60) (80) (120) (180)	75mm	20,000	50	GQS075	GQSM1420



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQA20 (50) (60) (80) (120) (180) (240) (320)	20mm	37,000	50	ADH20	-
GQA25 (36) (50) (60) (80) (120) (180) (240) (320)	25mm	37,000	50	ADH25	-
GQA38 (36) (40) (50) (60) (80) (120) (180) (240) (320)	38mm	25,000	50	ADH38	-
GQA50 (36) (40) (50) (60) (80) (120) (180) (240) (320)	50mm	25,000	50	ADH50	420-010-20
GQA75 (36) (40) (50) (60) (80) (120) (180) (240) (320)	75mm	20,000	50	ADH75	420-011-20

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(See price list for full list of part codes)

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QUICKCHANGE DISCS - ZIRCONIUM QUICKCHANGE DISCS



36 40 50 60 80 = Grit Size **46**

Finishing

Surface Prep & Clean

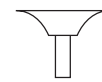
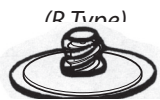
Blending

Quickchange Discs

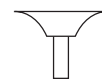
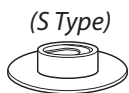


Zirconium Quickchange Discs

- Ideal for use on Titanium, Hastelloy, Inconel and other exotic materials, including Composites
- Rapid stock removal at medium to high level of pressure



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQZ50 (36 40 50 60 80)	50mm	25,000	100	GQR050	-
GQZ75 (36 40 50 60 80)	75mm	20,000	50	GQR075	GQRM1420



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQZ50 (36 40 50 60 80)	50mm	25,000	100	GQS050	-
GQZ75 (36 40 50 60 80)	75mm	20,000	50	GQS075	GQSM1420



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQZ25 (40 50 60 80)	25mm	37,000	50	ADH25	-
GQZ38 (50 60 80)	38mm	25,000	50	ADH38	-
GQZ50 (50 60 80)	50mm	25,000	50	ADH50	420-010-20
GQZ75 (50 60 80)	75mm	20,000	50	ADH75	420-011-20

QUICKCHANGE DISCS - CERAMIC QUICKCHANGE DISCS



36 40 50 60 80 120 = Grit Size

46

Finishing

Surface Prep & Clean

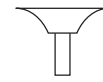
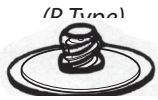
Blending

Quickchange Discs

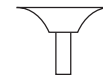
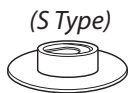


Ceramic Quickchange Discs

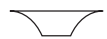
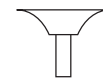
- Ideal for use on Stainless Steel, high Nickel Alloys and other heat sensitive materials
- Offers additional grinding aid layer, allowing cooler grinding
- Rapid metal removal on high pressure applications
- Cooler cutting action to reduce work piece discolouration



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQC50 36 40 50 60	50mm	25,000	100	GQR050	-
GQC75 36 40 50 60	75mm	20,000	50	GQR075	GQRM1420



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQC50 36 40 50 60 80	50mm	25,000	100	GQS050	-
GQC75 36 40 50 60 80	75mm	20,000	50	GQS075	GQSM1420



Part No:	Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQC20 60	20mm	37,000	50	ADH20	-
GQC25 36 60	25mm	37,000	50	ADH25	-
GQC38 36 60 80 120	38mm	25,000	50	ADH38	-
GQC50 36 60 80 120	50mm	25,000	50	ADH50	420-010-20
GQC75 36 60 80 120	75mm	20,000	50	ADH75	420-011-20

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(See price list for full list of part codes)

Garryson®

QUICKCHANGE DISCS - SURFACE CONDITIONING QUICKCHANGE DISCS



COARSE

MEDIUM

FINE

46

Finishing

Surface Prep & Clean

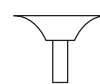
Blending

Quickchange Discs



Surface Conditioning Quickchange Discs

- Ideal for removing surface defects, machining marks, heavy oxidation, weld splatter and cleaning all metals
- Offers durability for edge work
- Effective on flat and contoured surfaces
- Consistent cut rate throughout life



Part No:		Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQSC50C-R	COARSE	50mm	25,000	50	GQR050	-
GQSC50M-R	MEDIUM	50mm	25,000	50	GQR050	-
GQSC50F-R	FINE	50mm	25,000	50	GQR050	-
GQSC75C-R	COARSE	75mm	18,000	25	GQR075	GQRM1420
GQSC75M-R	MEDIUM	75mm	18,000	25	GQR075	GQRM1420
GQSC75F-R	FINE	75mm	18,000	25	GQR075	GQRM1420



Part No:		Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQSC50C-S	COARSE	50mm	25,000	50	GQS050	-
GQSC50M-S	MEDIUM	50mm	25,000	50	GQS050	-
GQSC50F-S	FINE	50mm	25,000	50	GQS050	-
GQSC75C-S	COARSE	75mm	18,000	25	GQS075	GQSM1420
GQSC75M-S	MEDIUM	75mm	18,000	25	GQS075	GQSM1420
GQSC75F-S	FINE	75mm	18,000	25	GQS075	GQSM1420

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(See price list for full list of part codes)

QUICKCHANGE DISCS - SURFACE CONDITIONING QUICKCHANGE DISCS



COARSE

MEDIUM

FINE

46

Finishing

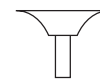
Surface Prep & Clean

Blending

Quickchange Discs



(AD Type)



Surface Conditioning Quickchange Discs

- Ideal for removing surface defects, machining marks, heavy oxidation, weld splatter and cleaning all metals
- Offers durability for edge work
- Effective on flat and contoured surfaces
- Consistent cut rate throughout life

Part No:		Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQSC25C-AD	COARSE	25mm	37,000	20	ADH25	-
GQSC25M-AD	MEDIUM	25mm	37,000	20	ADH25	-
GQSC25F-AD	FINE	25mm	37,000	20	ADH25	-
GQSC38C-AD	COARSE	38mm	25,000	20	ADH38	-
GQSC38M-AD	MEDIUM	38mm	25,000	20	ADH38	-
GQSC38F-AD	FINE	38mm	25,000	20	ADH38	-
GQSC50C-AD	COARSE	50mm	20,000	20	ADH50	420-010-20
GQSC50M-AD	MEDIUM	50mm	20,000	20	ADH50	420-010-20
GQSC50F-AD	FINE	50mm	20,000	20	ADH50	420-010-20
GQSC75C-AD	COARSE	75mm	17,000	20	ADH75	420-011-20
GQSC75M-AD	MEDIUM	75mm	17,000	20	ADH75	420-011-20
GQSC75F-AD	FINE	75mm	17,000	20	ADH75	420-011-20

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QUICKCHANGE DISCS - FINISHING QUICKCHANGE DISCS



COARSE MEDIUM
FINE VERY FINE

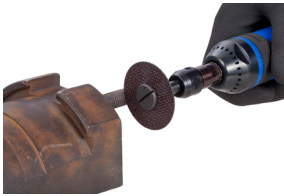
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Finishing

Surface Prep & Clean

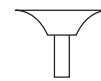
Blending

Quickchange Discs

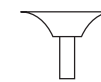
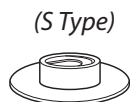


Finishing Quickchange Discs

- Ideal for removing small surface defects, handling marks, light oxidation and cleaning all metals
- No undercut or gouge
- Flexible and conformable



Part No:		Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQB50C-R	COARSE	50mm	25,000	50	GQR050	-
GQB50M-R	MEDIUM	50mm	25,000	50	GQR050	-
GQB50F-R	FINE	50mm	25,000	50	GQR050	-
GQB50VF-R	VERY FINE	50mm	25,000	50	GQR050	-
GQB75C-R	COARSE	75mm	20,000	25	GQR075	GQRM1420
GQB75M-R	MEDIUM	75mm	20,000	25	GQR075	GQRM1420
GQB75F-R	FINE	75mm	20,000	25	GQR075	GQRM1420
GQB75VF-R	VERY FINE	75mm	20,000	25	GQR075	GQRM1420



Part No:		Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQB50C-S	COARSE	50mm	25,000	50	GQS050	-
GQB50M-S	MEDIUM	50mm	25,000	50	GQS050	-
GQB50F-S	FINE	50mm	25,000	50	GQS050	-
GQB50VF-S	VERY FINE	50mm	25,000	50	GQS050	-
GQB75C-S	COARSE	75mm	20,000	25	GQS075	GQSM1420
GQB75M-S	MEDIUM	75mm	20,000	25	GQS075	GQSM1420
GQB75F-S	FINE	75mm	20,000	25	GQS075	GQSM1420
GQB75VF-S	VERY FINE	75mm	20,000	25	GQS075	GQSM1420

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(See price list for full list of part codes)

Garryson®

QUICKCHANGE DISCS - FINISHING QUICKCHANGE DISCS



COARSE

MEDIUM

FINE

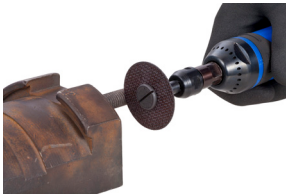
46

Finishing

Surface Prep & Clean

Blending

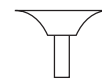
Quickchange Discs



Finishing Quickchange Discs

- Ideal for removing small surface defects, handling marks, light oxidation and cleaning all metals
- No undercut or gouge
- Flexible and conformable

(AD Type)



Part No:		Diameter Ø	Max RPM	Pack Qty	Disc Holder 1	Disc Holder 2
GQB25C-AD	COARSE	25mm	37,000	20	ADH25	-
GQB25M-AD	MEDIUM	25mm	37,000	20	ADH25	-
GQB25F-AD	FINE	25mm	37,000	20	ADH25	-
GQB38C-AD	COARSE	38mm	25,000	20	ADH38	-
GQB38M-AD	MEDIUM	38mm	25,000	20	ADH38	-
GQB38F-AD	FINE	38mm	25,000	20	ADH38	-
GQB50C-AD	COARSE	50mm	20,000	20	ADH50	420-010-20
GQB50M-AD	MEDIUM	50mm	20,000	20	ADH50	420-010-20
GQB50F-AD	FINE	50mm	20,000	20	ADH50	420-010-20
GQB75C-AD	COARSE	75mm	17,000	20	ADH75	420-011-20
GQB75M-AD	MEDIUM	75mm	17,000	20	ADH75	420-011-20
GQB75F-AD	FINE	75mm	17,000	20	ADH75	420-011-20

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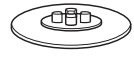
(See price list for full list of part codes)

QUICKCHANGE DISCS - HOLDERS



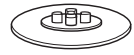
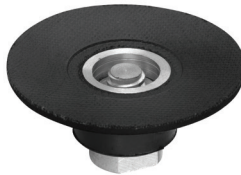
Quickchange Discs

Standard Holder



Diameter Ø	S Type	R Type	AD Type
20mm	-	-	ADH20
25mm	GQS025	GQR025	ADH25
38mm	GQS038	GQR038	ADH38
50mm	GQS050/GQS050FRM	GQR050/GQR050FRM	ADH50
75mm	GQS075	GQR075	ADH75

Short Reach Direct Attachment Holder



1/2"-20 UNF Thread Grinder Attachment

Diameter Ø	S Type	R Type	AD Type
50mm	420-048-20	420-050-20	420-010-20
75mm	420-046-20	420-051-20	420-011-20

M14 Thread Grinder Attachment

Diameter Ø	S Type	R Type	AD Type
75mm	GQSM1420	GQRM1420	-

SAFETY INSTRUCTIONS

Abrasive Operations Safety User Information

WARNING:

In normal grinding and finishing operations, material that is being removed from the work piece, such as burs, scale, dirt, weld slag or other residue, will breakaway with considerable force. Also any coated abrasives, will cause cloth and abrasive grain to be released into the atmosphere.

The potential of serious injury exists for both the abrasive operator and others in the direct work area. To protect against this hazard, operators and others in the area **MUST** wear appropriate protective clothing and safety equipment such as **SAFETY GOGGLES** or **FULL FACE SHIELDS**, along with **PROTECTIVE CLOTHING AND RESPIRATORY EQUIPMENT**.

All operators must follow the safety instructions as well as common safety practices to reduce the likelihood or severity of physical injury.

Do not use wet



Wear safety glasses



Wear ear defenders



Wear protective gloves



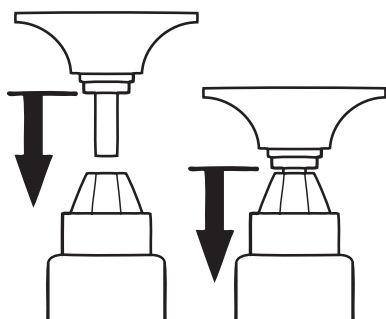
Wear protective mask



Read instructions



- 1. SAFETY GOGGLES:** Approved safety goggles or full face shields **MUST BE WORN**.
- 2. GUARDS:** Always keep all guards in place on any equipment and read operating equipment instructions.
- 3. SPEEDS:** Always observe speed restrictions indicated on the abrasive product, containers, labels or printed material and the machine. **"MAX RPM"** means: Maximum Revolutions Per Minute. **THIS MUST NOT BE EXCEEDED UNDER ANY CIRCUMSTANCE.**
- 4. SHANK:** When using an abrasive product or accessory with a shank, make sure the shank is fitted securely into the machine with no more than 5mm overhang between the chuck or collet.



DO NOT ALLOW UNSAFE CONDITIONS:

Worn bearings, bent spindles, unbalanced machines, unusual application, operator abuse or inappropriate use are considered unsafe conditions and may cause the abrasive product to fail. Specifically with bonded abrasives a hard impact may damage the product. Additionally, bonded abrasives must be used in accordance to their specific use-by date. Do not use, or continue to use, an abrasive product which is functioning improperly (i.e. out-of-balance, etc) as this increases the possibility for the abrasive to fail and cause injury. Any failure or unsafe condition should be evaluated and corrected immediately.

NOTE:

Safety data and instructions are typical and should not be construed as complete for the abrasive product and the equipment being used. Safety procedures may vary and should be specific to the equipment being used, speeds of operations, material being finished, selected abrasives, and other parameters.

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