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# World Class Abrasives

MaxAbrase is bringing you innovative abrasives of the highest quality, durability and longevity. Our products are produced by niche manufacturers in Europe, North America and China.

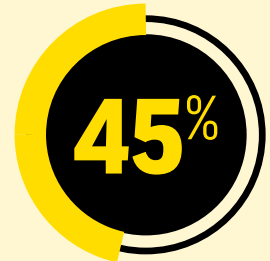
The MaxAbrase range is designed to give superior value, by improving performance, reducing operator fatigue and "cutting your abrasive costs". All discs are made to exacting global standards and carry approvals from certifying facilities such as OSA and MPA Hanover.

MaxAbrase is distributed exclusively in Australia by Sheffield Group and joins our premium brands: Sterling (Hand Tools), Alpha (Power Tool Accessories) and Austsaw (Power Saw Blades) as leaders in the Australian market.

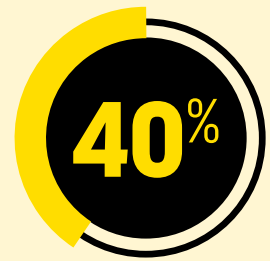
MaxAbrase abrasive products are trusted by industry professionals and used daily in industries such as manufacturing, shipbuilding, stainless steel fabrication and automotive refinishing.

Ask us today how you can benefit from our premium abrasive products.

**WORLDWIDE SOURCING TO GUARANTEE QUALITY**



EUROPE



NORTH AMERICA



CHINA



OTHER



MANUFACTURING



SHIP BUILDING



STAINLESS FABRICATION



AUTOMOTIVE

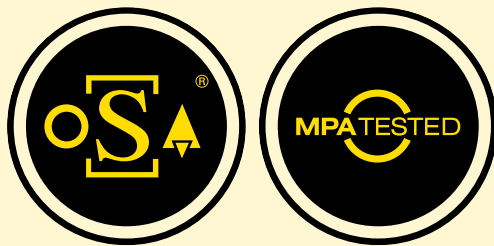
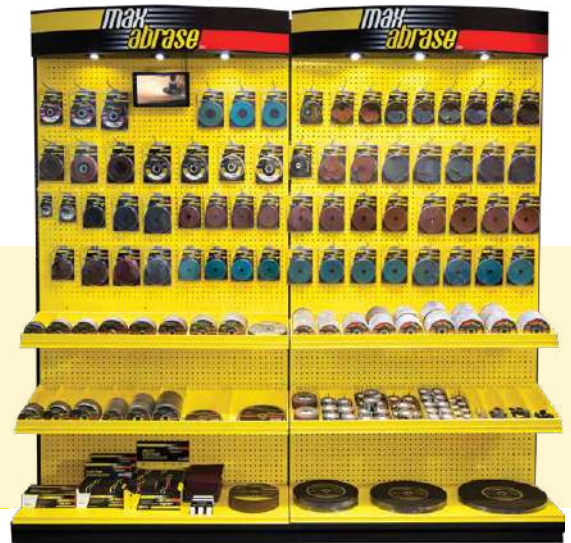


**540**  
PRODUCTS  
LAUNCHED  
SINCE  
**2013**

# Premium Presentation

MaxAbrase abrasives are available in bulk and retail packaging options, to satisfy the requirements of all users and distributors. They are displayed on bright clearly and expertly laid out displays to easily attract attention within your tool store.

From attractive single pack hanging blister cards, to bulk cartons of 500+ discs, we have all your needs covered.



## OSA and MPA Certified

MaxAbrase abrasives are manufactured to exacting standards, including OSA and MPA certification.

**OSA certified** manufacturers carry out strictly controlled internal testing and certification of their products, to ensure they meet and pass the highest manufacturing standards worldwide.

**MPA certified** manufacturers have their products tested and certified in a strictly controlled laboratory at the MPA facilities in Hanover, Germany, ensuring they pass the strict European safety standards.



Stock removal testing of flap discs

## Trialed and Tested

At Sheffield Group, we have an internal testing laboratory for product testing and comparisons, ensuring all products are thoroughly tested, reviewed and compared to other manufacturers products before market release.

Only products of the highest quality in their class are included in the MaxAbrase abrasive range.

**Trust in MaxAbrase.** With MaxAbrase abrasives, you can be assured that the disc you use will have the highest quality, durability and longevity features available.

*an eye for perfection*



# SPARK BUSTER

HYBRID SPARK GUARD FOR ANGLE GRINDERS

Code: AGG01

## VERSATILE

Can be fitted with a variety of grinders, & most 100 - 125mm blades, to be used in metal, wood & concrete.

## SAFE

The innovative Spark Control System safely exhausts the sparks when in use.

## SMOOTH

Reduces vibration and kick-back to achieve smooth, comfortable cutting with minimal energy loss.

MADE IN  
JAPAN

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PERFECT FOR STAINLESS STEEL



PREMIUM QUALITY | MADE IN EUROPE



**FOR WHEN YOU NEED A LITTLE**  
**XTRA GOLD SERIES II CUTTING DISCS**

**Xtra**

## Quality classes

MaxAbrase cutting discs come in two performance classes: Gold Series and Silver Series, to help you identify the most suitable disc for each material application.

### Xtra Gold Series II



**EXTRA PERFORMANCE**

Well balanced, cuts faster, saves you time and money; giving you the ultimate cutting performance and edge finish.

Quality	Recommended Materials
●●●●○ Life	●●● Stainless Steel
●●●○● Hardness	●●● Mild Steel
●●○○○ Aggression	●●● Sheet Metal

**Disc Type** Type 41 | Straight Design  
Application: Cut-Off | Available in diameters 50-230mm

### Silver Series



**PERFORMANCE**

Well balanced, long lasting and suitable for all general purpose and stainless steel cutting.

Quality	Recommended Materials
●●●●● Life	●●○ Stainless Steel
●●●●○ Hardness	●●● Mild Steel
●●●○○ Aggression	●●○ Sheet Metal

**Disc Type** Type 41 | Straight Design  
Application: Cut-Off | Available in diameters 100-230mm

## Understanding the Product

Helping you understand what a MaxAbrase cutting disc label looks like.



- 1 MaxAbrase logo
- 2 Quality tier indicator
- 3 Clear product diameter x width x hole size
- 4 Max speed rpm indicator
- 5 MaxAbrase product code
- 6 EAN-13 product barcode
- 7 Safety pictograms
- 8 Disc applications
- 9 Country of origin/manufacture
- 10 EN12413 | AS: 1788 safety standard
- 11 Max speed rating
- 12 OSA certification

# Xtra Gold Series II

- High quality, stainless steel grade cutting discs
- Well balanced, neither too hard or too soft, delivering the ultimate cutting performance and edge finish
- Lower heat generation
- Lower machine load extends tool life
- Lower material loss
- Narrow cutting joints
- Available in bulk, packed in attractive hang-sell cards or in 100 pack bulk reusable tubs
- Easy display on MaxAbrase floor displays or slat wall
- Resealable packs for ease of use
- Xtra balance
- Xtra life
- OSA certified

**Use on:**

- Sheet fabrication
- Structural work
- Bodywork



**Disc Type**

Type 41 | Straight Design  
Available in diameters 50-230mm  
Application: cut-off



**Quality**

- ● ● ● ○ Life
- ● ● ○ ○ Hardness
- ● ○ ○ ○ Aggression
- ● ● ● ● Finish
- ● ● ● ● Useability

**Recommended Materials**

- ● ● Stainless Steel
- ● ● Mild Steel
- ● ● Sheet Metal



Xtra Gold Series II   Cutting Discs			BULK		CARDED	
DIAMETER mm	THICKNESS mm	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
50	1.0	30,300	GCDGX05010*	25		
75	1.0	20,370	GCDGX07510*	25	CGCDGX07510	10
75	1.0	20,370			CGCDGX07510-3	3
100	1.0	15,300	GCDGX10010	25	CGCDGX10010	10
100	1.0	15,300			CGCDGX10010-3	3
115	1.0	13,300	GCDGX11510	25	CGCDGX11510	10
115	1.0	13,300			CGCDGX11510-3	3
115	1.6	13,300	GCDGX11516	25	CGCDGX11516	10
115	1.6	13,300			CGCDGX11516-3	3
115	2.5	13,300	GCDGX11525	25		
125	1.0	12,250	GCDGX12510	25	CGCDGX12510	10
125	1.0	12,250	GCDGX12010-100BP	100	CGCDGX12510-3	3
125	1.6	12,250	GCDGX12516	25	CGCDGX12516	5
125	1.6	12,250			CGCDGX12516-3	3
125	2.5	12,250	GCDGX12525	25	CGCDGX12525	5
125	2.5	12,250			CGCDGX12525-3	3
180	1.6	8,500	GCDGX18016	25		
180	2.5	8,500	GCDGX18025	25		
230	1.9	6,650	GCDGX23019	25		

\*use with GMAN-75 | see page 42



# Silver Series

- Long lasting and suitable for all general purpose and stainless steel cutting
- Excellent quality, stainless steel grade cutting discs
- MPA tested in Hanover Germany
- Manufactured to EN12413 standards
- Well balanced discs
- Available in bulk, packed in attractive hang-sell cards or in 100 pack bulk reusable tubs
- Easy display on MaxAbrase floor displays or slat wall
- Resealable packs for ease of use

**Use on:**

- Sheet fabrication
- Structural work
- Bodywork



**Disc Type**

Type 41 | Straight Design  
Available in diameters 100-230mm  
Application: cut-off



**Quality**

- ● ● ● ● Life
- ● ● ● ○ Hardness
- ● ● ○ ○ Aggression
- ● ● ● ○ Finish
- ● ● ○ ○ Useability

**Recommended Materials**

- ● ○ Stainless Steel
- ● ● Mild Steel
- ● ○ Sheet Metal



Silver Series   Cutting Discs			BULK		CARDED	
DIAMETER mm	THICKNESS mm	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	1.0	15,300	GCDSS10010	25	CGCDSS10010	10
100	1.0	15,300	GCDSS10010-10	10		
100	2.4	15,300	GCDSS10024	25	CGCDSS10024	5
115	1.0	13,300	GCDSS11510	25	CGCDSS11510	10
115	1.0	13,300	GCDSS11510-10	10		
125	1.0	12,250	GCDSS12510	25	CGCDSS12510	10
125	1.0	12,250	GCDSS12510-10	10		
125	1.0	12,250	GCDSS12510-100PM	100		
125	1.6	12,200	GCDSS12516	25	CGCDSS12516	5
125	2.5	12,200	GCDSS12525	25	CGCDSS12525	5
180	2.0	8,600	GCDSS18020	25		
230	2.0	6,650	GCDSS23020	25		
230	2.4	6,650	GCDSS23024	25		

**X10 DISC TRADE PACK**

**Silver Series 10 Pack Merchandisers**

Packed into Slim 10 pack tins for convenience | 20 Tins per display - 200 discs  
Available in 100, 115 & 125mm



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**abrase**®



**FOR WHEN YOU NEED A LITTLE  
MORE REINFORCEMENT**  
**SILVER SERIES LARGE CUT-OFF DISCS**

**3x**

# Large Diameter Cut-Off Wheels

## 3x Reinforcing

### STAINLESS STEEL CUTTING

- Premium aluminium oxide grain
- Triple fiberglass netting
- T41 flat centre
- Good stock removal
- Perfect ratio between cutting performance and life
- High Speed Steel cutting
- Suits electric and petrol high speed saws

Large Diameter Cut-Off Wheels   3x Reinforcing				BULK	
DIAMETER mm	WIDTH mm	BORE mm	MAX RPM	CODE	PACK QTY
305	4.0	25.4	6,400	GCDSS30540	10
355	4.0	20.0	6,400	GCDSS35540	10
400	4.0	25.4	4,800	GCDSS40040	10



100m/s



## 2x Reinforcing

### STAINLESS STEEL CUTTING

- Premium aluminium oxide grain
- Double fiberglass netting
- T41 flat centre
- Good stock removal
- Perfect ratio between cutting performance and life
- Suits popular 14" electric cut-off machines

80m/s

Large Diameter Cut-Off Wheel   2x Reinforcing				BULK	
DIAMETER mm	WIDTH mm	BORE mm	MAX RPM	CODE	PACK QTY
355	2.8	25.4	4,350	GCDSS35528	10

## TRADE TOUGH

- 355mm reinforced cut-off wheel
- Suitable for general ferrous metals
- Fast cutting
- Long life
- Narrow cutting joints

80m/s

Large Diameter Cut-Off Wheel   Metal Cutting				BULK	
DIAMETER mm	WIDTH mm	BORE mm	MAX RPM	CODE	PACK QTY
355	2.8	25.4	4,350	GCDSS35528M	20

### METAL CUTTING



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**FOR DEMANDING JOBS**  
**GOLD SERIES GRINDING DISCS**

## Quality classes

MaxAbrase grinding discs are available in two performance classes: Gold and Silver Series, to help you identify the most suitable disc for each material application.

### Gold Series



**EXTRA PERFORMANCE**

Suitable for general purpose grinding. Well balanced disc with rapid stock smooth removal, made to the highest quality grade with EN12413 standards.

Quality	Recommended Materials
●●●●●○ Life	○●○ Stainless Steel
●●●●○● Hardness	●●● Mild Steel
●●●●○● Aggression	○●○ Sheet Metal

**Disc Type** Type 27 | Depressed Centre Design  
Application: Grinding | Available in diameters 100-125mm.



**Steel**

### Silver Series



**PERFORMANCE**

Well balanced and long lasting general purpose MPA tested grinding disc with depressed centre.

Quality	Recommended Materials
●●●●●○ Life	●●● Stainless Steel
●●●●○● Hardness	●●● Mild Steel
●●●●●● Aggression	○●○ Sheet Metal

**Disc Type** Type 27 | Depressed Centre Design  
Application: Grinding | Available in diameters 100-230mm.



**Stainless Steel**   **Steel**

## Understanding the Product

Helping you understand what a MaxAbrase grinding disc label looks like.



- 1 MaxAbrase logo
- 2 Quality tier indicator
- 3 Clear product diameter x width x hole size
- 4 Max speed rpm indicator
- 5 MaxAbrase product code
- 6 EAN-13 product barcode
- 7 Safety pictograms
- 8 Product type and disc application
- 9 Country of origin/manufacture
- 10 EN1241E & AS:1788 safety standard
- 11 Max speed rating
- 12 OSA certification

# Cut, Grind & Notch

- Multipurpose combo disc
- Cut, grind and notch with the one disc
- Industrial quality
- Ideal for trade use, no downtime to change discs
- Packed in attractive hang-sell cards
- Resealable packs for ease of use

#### Use on:

- Structural work
- Steel fabrication
- Welding



#### Disc Type



Type 27 | Depressed Centre Design  
Available in diameters 100-125mm  
Application: Grinding

#### Quality

- ● ● ● ○ Life
- ● ● ● ○ Hardness
- ● ● ● ○ Aggression

#### Recommended Materials

- ● ○ Stainless Steel
- ● ● Mild Steel
- ○ ○ Sheet Metal



Stainless  
Steel

Steel



Cut, Grind & Notch			BULK		CARDED	
DIAMETER mm	WIDTH mm	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
115	2.5	13,300	GCGGS11525	10		
115	3.5	13,300	GCGGS11535	10		
125	2.5	12,250	GCGGS12525	10	GCGGS12525-3	3
125	3.5	12,250	GCGGS12535	10	GCGGS12535-3	3



## Gold Series

- High quality industrial grade grinding discs
- MPA tested in Hanover Germany
- Manufactured to EN12413 standards
- Depressed centre, suitable for all general purpose grinding

### Disc Type



Type 27 | Depressed Centre Design  
Available in diameters 100-125mm  
Application: Grinding

### Quality

- ● ● ● ● ◐ Life
- ● ● ○ ○ Hardness
- ● ● ● ○ Aggression

### Recommended Materials

- ○ ○ Stainless Steel
- ● ● Mild Steel
- ○ ○ Sheet Metal



Stainless Steel



Steel

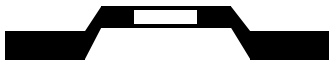


Gold Series   Grinding Discs			BULK	CARDED		
DIAMETER mm	WIDTH mm	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	6.0	15,300	GGDGM10060	10	CGGDGM10060	1
125	6.0	12,250	GGDGM12560	10	CGGDGM12560	1

## Silver Series

- Industrial grade depressed centre disc, suitable for all general purpose grinding
- MPA tested in Hanover Germany
- Manufactured to EN12413 standards
- Resealable packs for ease of use

### Disc Type



Type 27 | Depressed Centre Design  
Available in diameters 100-125mm  
Application: Grinding

### Quality

- ● ● ● ● Life
- ● ● ● ○ Hardness
- ● ● ● ● Aggression

### Recommended Materials

- ● ● Stainless Steel
- ● ● Mild Steel
- ○ ○ Sheet Metal



Stainless Steel



Steel

Silver Series   Grinding Discs			BULK	CARDED		
DIAMETER mm	WIDTH mm	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	6.0	15,300	GGDSS10060	10	CGGDSS10060	2
115	6.0	13,300	GGDSS11560	10	CGGDSS11560	2
125	6.0	12,200	GGDSS12560	10	CGGDSS12560	2
180	6.0	8,600	GGDSS18060	10		
230	6.0	6,650	GGDSS23060	10		

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# THE ULTIMATE PERFORMER

## GOLD SERIES FLAP DISCS



# Quality Classes

MaxAbrase flap discs are available in two performance classes: Gold and Silver series, to help you identify the most suitable disc for each material application.

EXTRA PERFORMANCE

## Gold Series







Perfectly balanced discs eliminates vibration and fatigue with strong fibreglass backing that wears as the disc is consumed. Made from 100% Zirconia grain.

Quality	Recommended Materials
● ● ● ● ● Life	● ● ● Stainless Steel
● ● ● ○ ○ Hardness	● ● ● Mild Steel
● ● ● ● ● Aggression	● ● ○ Sheet Metal

**Disc Type** Type 29: Angle Design | 15° angle allows for more aggressive cutting action | Available in diameters 100-178mm.



PERFORMANCE

## Silver Series






An all-round performer on mild steel and stainless steel grinding and finishing. Made from 100% Zirconia grain.

Quality	Recommended Materials
● ● ● ● ○ Life	● ● ● Stainless Steel
● ● ● ○ ○ Hardness	● ● ● Mild Steel
● ● ● ● ○ Aggression	● ● ○ Sheet Metal

**Disc Type** Type 29: Angle Design | 15° angle allows for more aggressive cutting action | Available in diameters 100-178mm.



# Understanding the Product

Helping you understand what a MaxAbrase flap disc label looks like.

- ① MaxAbrase logo
- ② Quality tier indicator
- ③ Product type
- ④ Disc applications
- ⑤ MaxAbrase product code
- ⑥ EAN-13 product barcode
- ⑦ Clear product diameter x width
- ⑧ Grit Indicator
- ⑨ Max speed rpm indicator
- ⑩ Safety pictograms
- ⑪ Max speed rating
- ⑫ Country of origin/manufacture



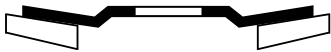
# Gold Series

- The ultimate long life performer on mild steel and stainless steel grinding and finishing
- Up to 15% more abrasive than other brands, giving a extra high removal rate and high aggressiveness
- Available in both: Type 29 (15°) style with built-in grinding angle, including aluminum backed and Type 28 Flat design for flat surfaces
- Premium 100% Zirconia grain with heavy duty synthetic reinforced backing cloth for exceptional performance
- Grind and sand in one step
- Perfectly balanced disc eliminates vibration and fatigue
- Strong fibreglass backing wears as disc is consumed providing full life and performance

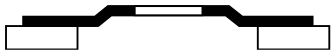
**Use on:**

- Structural work
- Steel fabrication
- Welding

**Disc Type**



Type 29: Angle Design | 15° angle allows for more aggressive cutting action, making this option ideal for stock removal.



Type 28: Flat Design | Used primarily on flat surfaces, making this option ideal for blending and smooth finishing applications.

**Quality**

- ● ● ● ● Life
- ● ● ○ ○ Hardness
- ● ● ● ● Aggression

**Recommended Materials**

- ● ● Stainless Steel
- ● ● Mild Steel
- ● ○ Sheet Metal



Gold Series   Flap Discs					BULK		CARDED	
SIZE mm	GRIT	MAX RPM	TYPE	CODE	PACK QTY	CODE	PACK QTY	
100	Z40	15,300	29   Angle	GFDGS10040	10	CGFDGS10040	1	
100	Z40	15,300	28   Flat	GFDGS10040F	10			
100	Z40	15,300	29   Aluminium Back	GFDAB10040				
100	Z60	15,300	29   Angle	GFDGS10060	10	CGFDGS10060	1	
100	Z60	15,300	28   Flat	GFDGS10060F	10			
100	Z80	15,300	29   Angle	GFDGS10080	10	CGFDGS10080	1	
100	Z80	15,300	28   Flat	GFDGS10080F	10			
100	Z120	15,300	29   Angle	GFDGS100120	10	CGFDGS100120	1	
115	Z40	13,300	29   Angle	GFDGS11540	10	CGFDGS11540	1	
115	Z40	13,300	29   Aluminium Back	GFDAB11540				
115	Z60	13,300		GFDGS11560	10	CGFDGS11560	1	
115	Z80	13,300	29   Angle	GFDGS11580	10	CGFDGS11580	1	
115	Z120	13,300		GFDGS115120	10	CGFDGS115120	1	
125	Z40	12,200	29   Angle	GFDGS12540	10	CGFDGS12540	1	
125	Z40	12,200	28   Flat	GFDGS12540F	10			
125	Z40	12,200	29   Aluminium Back	GFDAB12540				
125	Z40	12,200	29   Angle	GFDGS125-TUBZ40	15	Bonus GCGGS12525 x3		
125	Z60	12,200	29   Angle	GFDGS12560	10	CGFDGS12560	1	
125	Z60	12,200	28   Flat	GFDGS12560F	10			
125	Z60	12,200	29   Angle	GFDGS125-TUBZ60	15	Bonus GCGGS12525 x3		
125	Z80	12,200	29   Angle	GFDGS12580	10	CGFDGS12580	1	
125	Z80	12,200	28   Flat	GFDGS12580F	10			
125	Z80	12,200	29   Angle	GFDGS125-TUBZ80	15	Bonus GCGGS12525 x3		
125	Z120	12,200		GFDGS125120	10	CGFDGS125120	1	
125	MIX	12,200	29   Angle	GFDGS125-TUBMIX	16	7x   Z40 5x   Z60	3x   Z80 1x   Z120 Bonus GCGGS12525 x3	
178	Z40	8,500		GFDGS17840	10			
178	Z60	8,500	29   Angle	GFDGS17860	10			
178	Z80	8,500		GFDGS17880	10			

# Silver Series

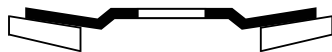
- An all-round performer on mild steel and stainless steel grinding and finishing
- Up to 15% more abrasive than other brands - medium aggressiveness
- Type 29 (15°) style with built-in grinding angle
- Genuine Zirconia abrasive for outstanding performance
- Well balanced for smooth, vibration free running
- Perfectly balanced disc eliminates vibration and fatigue
- Backing wears as disc is consumed providing full life and performance

**Use on:**

- Structural work
- Steel fabrication
- Welding



**Disc Type**



Type 29: Angle Design | 15° angle allows for more aggressive cutting action, making this option ideal for stock removal.



**Quality**

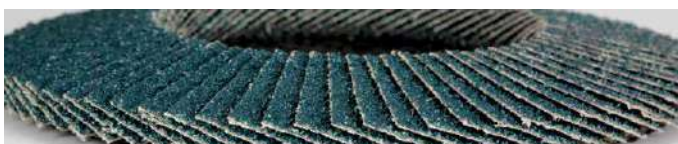
- ● ● ● ○ Life
- ● ● ○ ○ Hardness
- ● ● ● ○ Aggression

**Recommended Materials**

- ● ● Stainless Steel
- ● ● Mild Steel
- ● ○ Sheet Metal



Silver Series   Flap Discs			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	Z40	15,300	GFDSS10040	10	CGFDSS10040	1
100	Z60	15,300	GFDSS10060	10	CGFDSS10060	1
100	Z80	15,300	GFDSS10080	10	CGFDSS10080	1
100	Z120	15,300	GFDSS100120	10	CGFDSS100120	1
115	Z40	13,300	GFDSS11540	10	CGFDSS11540	1
115	Z60	13,300	GFDSS11560	10	CGFDSS11560	1
115	Z80	13,300	GFDSS11580	10	CGFDSS11580	1
115	Z120	13,300	GFDSS115120	10		
125	Z40	12,200	GFDSS12540	10	CGFDSS12540	1
125	Z60	12,200	GFDSS12560	10	CGFDSS12560	1
125	Z80	12,200	GFDSS12580	10	CGFDSS12580	1
125	Z120	12,200	GFDSS125120	10	CGFDSS125120	1
178	Z40	8,500	GFDSS17840	10		
178	Z60	8,500	GFDSS17860	10		
178	Z80	8,500	GFDSS17880	10		
178	Z120	8,500	GFDSS178120	10		

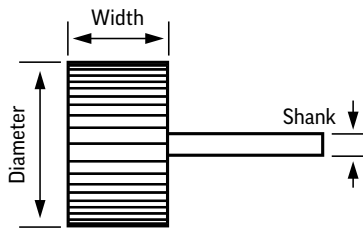


# Mounted Flap Wheels

- Quality flap wheels manufactured with premium grade aluminium oxide grain with an X-weight cotton backing, giving superior durability and flexibility
- Suitable for trade and industrial usage
- Use for blending and finishing applications
- Ideal for hard to reach areas where a large wheel or disc will not fit
- Flush finish core for easy access inside corners
- Shank mounted flap wheels have a 6mm shank to suit die grinders etc
- Wide range of sizes and grits available



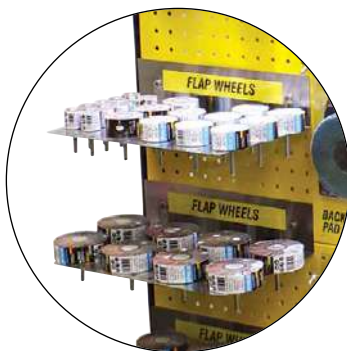
### Disc Type



Mounted Flap Wheel | Used where grinding or polishing work has to be completed with a small space.

### Properties

- Long lifetime
- Heavy stock removal
- For use in hard to reach areas
- For fitting into portable machines



Mounted Flap Wheels   1/8" Shank						BULK	
DIAMETER mm	WIDTH mm	GRIT	MAX RPM	OPT RPM	CODE	PACK QTY	
10	10	A60	26,000	16,000	GFWA101060	1	
10	10	A80	26,000	16,000	GFWA101080	1	
10	10	A180	26,000	16,000	GFWA1010180	1	

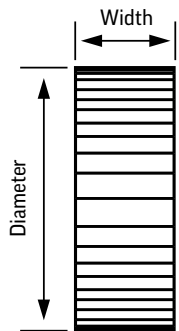
Mounted Flap Wheels   6mm Shank						BULK	
DIAMETER mm	WIDTH mm	GRIT	MAX RPM	OPT RPM	CODE	PACK QTY	
25	15	A60	26,000	18,000	GFWA251560	1	
25	25	A120	26,000	16,000	GFWA2525120	1	
25	25	A180	26,000	16,000	GFWA2525180	1	
25	25	A60	26,000	16,000	GFWA252560	1	
25	25	A80	26,000	16,000	GFWA252580	1	
30	10	A80	26,000	16,000	GFWA301080	1	
30	15	A80	20,000	16,000	GFWA301580	1	
40	15	A60	20,000	13,000	GFWA401560	1	
40	20	A120	20,000	13,000	GFWA4020120	1	
40	20	A60	20,000	13,000	GFWA402060	1	
40	20	A80	20,000	13,000	GFWA402080	1	
50	25	A120	16,000	11,000	GFWA5025120	1	
50	25	A180	16,000	11,000	GFWA5025180	1	
50	25	A240	16,000	11,000	GFWA5025240	1	
50	25	A60	16,000	11,000	GFWA502560	1	
50	25	A80	16,000	11,000	GFWA502580	1	
60	30	A80	13,500	9,000	GFWA603080	1	
60	50	A120	13,500	9,000	GFWA6050120	1	
60	50	A60	13,500	9,000	GFWA605060	1	
60	50	A80	13,500	9,000	GFWA605080	1	
75	25	A120	10,000	6,000	GFWA7525120	1	
75	25	A180	10,000	6,000	GFWA7525180	1	
75	25	A40	10,000	6,000	GFWA752540	1	
75	25	A60	10,000	6,000	GFWA752560	1	
75	25	A80	10,000	6,000	GFWA752580	1	
75	38	A40	10,000	6,000	GFWA753840	1	
75	38	A60	10,000	6,000	GFWA753860	1	
75	50	A120	10,000	6,000	GFWA7550120	1	
75	50	A180	10,000	6,000	GFWA7550180	1	
75	50	A60	10,000	6,000	GFWA755060	1	
75	50	A60	10,000	6,000	GFWA755080	1	

# Threaded Flap Wheels

- M14 threaded arbor for quick mounting on 115 and 125mm grinders
- Very easy to operate, no preparation or dressing required to work piece
- Use for weld dressing, removing rust, paint, heat discolouration
- General purpose finishing on steel and stainless steel
- Resin core centre provides higher flexibility
- Constructed with up to 30% more flaps for best performance in production applications



### Disc Type



Threaded Flap Wheel | Ideal for uneven surfaces and sanding, for use on an angle grinder

### Properties

- Long lifetime
- Heavy stock removal
- For use in hard to reach areas
- For fitting into portable machines



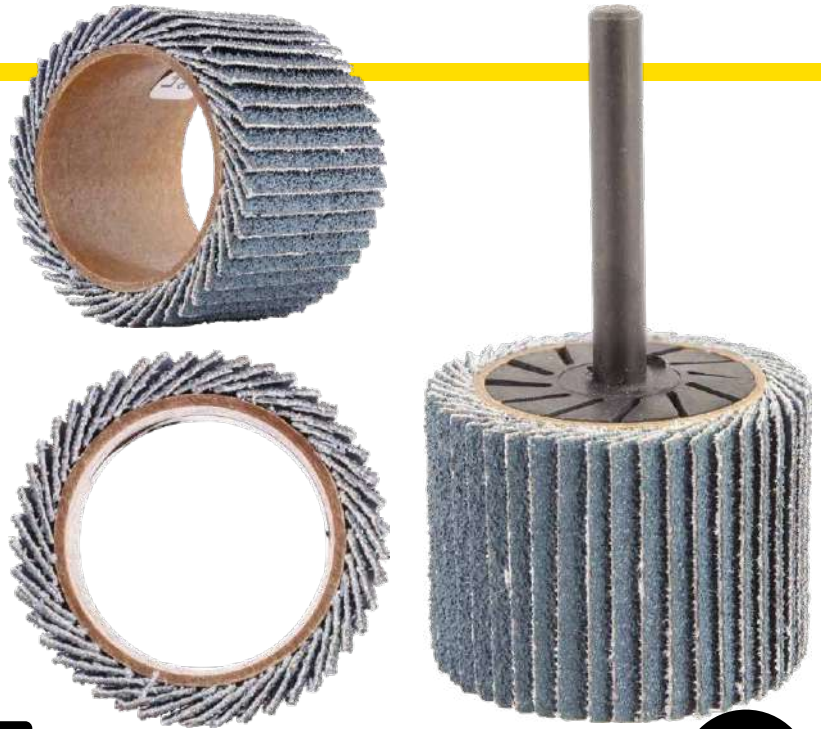
Threaded Flap Wheels   M14 Thread				BULK	
DIAMETER mm	WIDTH mm	GRIT	MAX RPM	CODE	PACK QTY
115	20	A40	13,300	GFWA1152040	1
115	20	A60	13,300	GFWA1152060	1
115	20	A80	13,300	GFWA1152080	1
125	20	A40	12,200	GFWA1252040	1
125	20	A60	12,200	GFWA1252060	1
125	20	A80	12,200	GFWA1252080	1

### Mounted Flap Wheels

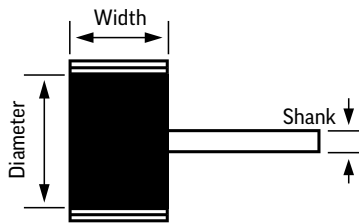


# Flap Bands

- Layered flaps are tightly packed
- Individual flaps wear back evenly
- Flaps affixed to a firm fiber core
- Used with custom rubber
- Expanding drums
- Acts more aggressively than a flap wheel
- Less pressure required - easier to control
- Aggressive stock removal throughout product life
- Reduce labour costs by removing material faster
- Greater durability than Spiral bands
- No seams or splices to rip or tear on sharp edges
- Quick, easy changeovers
- Drums expand and grip the band as machine reaches speed
- Low vibration helps avoiding vibration white finger or hand-arm vibration syndrome; an industrial injury triggered by continuous use of vibrating hand-held machinery.



### Disc Type



Flap Band | Longer lasting, more productive alternative to flap wheels.

### Quality

- ● ● ● ○ Life
- ● ● ○ ○ Aggression



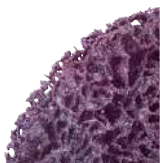
Expanding Drum			BULK	
DIAMETER mm	SHANK mm	CODE	PACK QTY	
22	6	GFBD22	1	
30	6	GFBD30	1	

Flap Bands   Zirconia					BULK	
DIAMETER mm	WIDTH mm	GRIT	MAX RPM	DRUM TYPE	CODE	PACK QTY
35	22	Z40	19,100	GFBD22	GFBZ352240	1
35	22	Z60	19,100	GFBD22	GFBZ352260	1
35	22	Z80	19,100	GFBD22	GFBZ352280	1
45	22	Z40	12,700	GFBD30	GFBZ453040	1
45	22	Z60	12,700	GFBD30	GFBZ453060	1
45	22	Z80	12,700	GFBD30	GFBZ453080	1
45	22	Z120	12,700	GFBD30	GFBZ4530120	1



# Clean 'N' Strip Discs

- Fibreglass depressed centre disc for easy attachment to angle grinders
- Greater surface area than wire brushes
- No edge fraying or grain shredding for a consistent finish
- For aggressive cleaning or removing rust, paint, epoxy or weld spatter
- Made from non-woven fibre impregnated with mineral grain



### Purple Ultra

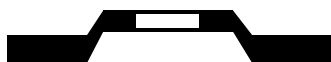
Double the disc life compared to black coarse disc - stronger and tougher for extra life



### Black coarse

Made from non-woven fibre for softer and more comfortable use

### Disc Type



Type 27 | Depressed Centre Design  
Application: cleaning



Clean "N" Strip Discs				BULK		CARDED	
SIZE mm	GRIT	MAX RPM	OPT RPM	CODE	PACK QTY	CODE	PACK QTY
100	Black coarse	12,800	7,000	GSPD100BC	5	CGSPD100BC	1
100	Purple ultra	12,800	7,000	GSPD100PU	5		
115	Black coarse	11,500	6,000	GSPD115BC	5	CGSPD115BC	1
125	Black coarse	9,800	5,600	GSPD125BC	5	CGSPD125BC	1
125	Purple ultra	9,800	5,600	GSPD125PU	5		
178	Black coarse	6,800	3,900	GSPD178BC	5		
178	Purple ultra	6,800	3,900	GSPD178PU	5		



Clean "N" Strip Discs   Roloc		BULK	
SIZE mm	GRIT	CODE	PACK QTY
50	Black coarse	GSPD50BC	25
75	Black coarse	GSPD75BC	25

### Disc Type

R Type | For use in levelling and finishing operations as well as specialised grinding and surface finishing.



# Hybrid Finishing Disc

- Combines high quality surface conditioning flaps with coated abrasive
- Remove and finish light weld seams in a single step, saving time and money
- Deburring of flashings after plasma and laser cutting
- Decorative finishing of builders hardware
- Removing small surface imperfections



**Tool Tip:**

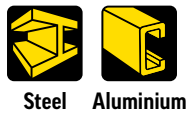
This is the first step of 3 stage polishing



Hybrid Flap Discs				BULK		CARDED	
SIZE mm	GRIT	MAX RPM	OPT RPM	CODE	PACK QTY	CODE	PACK QTY
115	Medium	13,300	3,500	GHFD115	10		
125	Medium	12,200	3,000	GHFD125	10	CGHFD125	1

# SCM Finishing Flap Disc

- For general surface preparation
- Highest quality surface conditioning material
- Layered flaps, up to 7 times life of traditional versions



SCM Finishing Discs				BULK		CARDED	
SIZE mm	GRIT	MAX RPM	OPT RPM	CODE	PACK QTY	CODE	PACK QTY
100	Coarse / Brown	15,300	6,600	GSPFD100C	10		
115	Coarse / Brown	13,300	5,800	GSPFD115C	10		
125	Coarse / Brown	12,200	5,300	GSPFD125C	10	CGSPFD125C	1
125	Fine / Blue	12,200	5,300	GSPFD125F	10	CGSPFD125F	1
125	Medium / Maroon	12,200	5,300	GSPFD125M	10		

# Unitized Finishing Disc

- Highly concentrated abrasive in a firm, non-woven base material
- Blending of surface defects
- Ideal for preparing stainless steel surfaces prior to polishing
- Compact 3-dimension construction, resistant to loading



**Tool Tip:**

This is the second step of 3 stage polishing



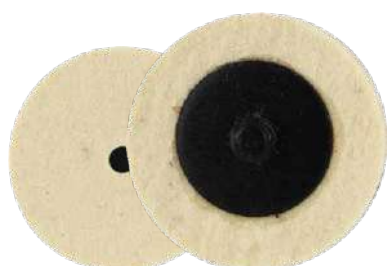
Unitized Finishing Discs				BULK		CARDED	
SIZE mm	GRIT	MAX RPM	OPT RPM	CODE	PACK QTY	CODE	PACK QTY
115	Fine	11,000	4,000	GUFD115F	10		
125	Fine	11,000	4,000	GUFD125F	10	CGUFD125F	1



# Felt Polishing Flap Disc

- 70% wool felt polishing flap disc
- Flexible, with cool air flow
- Use with polishing compound to produce a mirror finish

**Tool Tip:**  
This is the last step of 3 stage polishing



R Type | For use in levelling and finishing operations as well as specialized grinding and surface finishing.



- Use with polishing compound to remove light scratches, polish the surface. Soft felt material absorbs the compounds and provides smooth operation



Polishing Flap Disc				BULK		CARDED	
SIZE mm	GRIT	MAX RPM	OPT RPM	CODE	PACK QTY	CODE	PACK QTY
100	Medium	9,700	1,900	GFPM100	5	CGFPM100	1
115	Medium	8,500	1,650	GFPM115	5	CGFPM115	1
125	Medium	7,700	1,520	GFPM125	5	CGFPM125	1
178	Medium	5,500	1,100	GFPM178	1		

Polishing Flap Disc   Roloc		BULK	
SIZE mm	GRIT	CODE	PACK QTY
50	Soft Wool Felt	GFPD50	1
75	Soft Wool Felt	GFPD75	1

# Polishing Compound

- Made from select abrasive grades uniformly blended and manufactured under strict quality control
- Green: Recommended for bright polishing of hard alloys such as platinum, white gold, chrome, cobalt and stainless steel
- White: Bright polishing of silver alloys



Polishing Compound		BULK	
TYPE	WEIGHT	CODE	PACK QTY
Stainless Steel / Copper / Brass	120g	GPCG120	1
Aluminium / Alloys	115g	GPCW115	1

# Resin Fibre | Grain Overview

MaxAbrase Resin fibre discs are available in four abrasive grains and colours to help you quickly identify the most important disc for each material application.

## ALUMINIUM OXIDE:

- Most common Resin Fibre discs - great economy and performance
- Cost effective stock removal and safe working environment
- Ideal for use on most metals as well as wood in some applications



Steel

## ARBOR:

- Standard round arbor hole for use with air cooled backing pad and lock nut | Page 31

## SOFT METAL:

- Self lubricating whilst disc is grinding to delay disc loading
- Lower work surface temperature
- Disc acts as an open coat shedding any buildup of debris
- Ideal for use on bronze, brass and aluminium



Brass



Aluminium

## ZIRCONIA:

- Extremely hard Zirconium abrasive that self-sharpens as it cuts
- Advanced bond that extends disc life by minimising grain shedding
- Best used under high pressure - to expose new sharp edges
- Ideal for use on stainless steel



Steel



Stainless Steel



Aluminium

## CERAMIC:

- Ceramic grain provides the longest life and fastest cut rate
- Disc self sharpens as it cuts material
- Delivers an aggressive consistent cut with moderate to high pressure
- Ideal for use on stainless steel and other hard materials



Steel



Stainless Steel



# Aluminium Oxide

- All purpose discs
- Good performance and overall economy
- No halogen producing grinding additives
- Cost effective stock removal
- Excels in a wide variety of applications

**Use on:**

- Structural work
- Steel fabrication
- Welding



**Disc Type**

Resin Fibre Discs | Grinding and abrading requirements cover a wide spectrum of applications for metal work. Powerful, versatile, flexible, safe and economical.



Steel



**Quality**

- ● ○ ○ ○ Life
- ● ○ ○ ○ Hardness
- ● ● ○ ○ Aggression

**Backing Pad**



Resin fibre discs are for use with Backing Pad and Lock Nut (pictured)

See Page 31



Aluminium Oxide   Resin Fibre Disc			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	A16	13,300	GRFA10016	25	CGRFA10016	5
100	A24	15,300	GRFA10024	25	CGRFA10024	5
100	MIXED (24,36,60,80,120)	9,800			CGRFAK100-5	5
100	A36	15,300	GRFA10036	25	CGRFA10036	5
100	A60	15,300	GRFA10060	25	CGRFA10060	5
100	A80	15,300	GRFA10080	25	CGRFA10080	5
100	A120	15,300	GRFA100120	25	CGRFA100120	5
115	A16	13,300	GRFA11516	25	CGRFA11516	5
115	A24	13,300	GRFA11524	25	CGRFA11524	5
115	MIXED (16,24,36,60,80)	13,300			CGRFAK115-5	5
115	A36	13,300	GRFA11536	25	CGRFA11536	5
115	A60	13,300	GRFA11560	25	CGRFA11560	5
115	A80	13,300	GRFA11580	25	CGRFA11580	5
115	A120	13,300	GRFA115120	25		
125	A16	12,250	GRFA12516	25	CGRFA12516	5
125	A24	12,250	GRFA12524	25	CGRFA12524	5
125	MIXED (24,36,60,80,120)	12,200			CGRFAK125-5	5
125	A36	12,250	GRFA12536	25	CGRFA12536	5
125	A60	12,250	GRFA12560	25	CGRFA12560	5
125	A80	12,250	GRFA12580	25	CGRFA12580	5
125	A120	12,250	GRFA125120	25	CGRFA125120	5
178	A16	8,500	GRFA17816	25		
178	A24	8,500	GRFA17824	25		
178	A36	8,500	GRFA17836	25		
178	A60	8,500	GRFA17860	25		
178	A80	8,500	GRFA17880	25		

# Soft Metal

- Fast cutting of soft metals
- Suitable for bronze, brass and aluminium and much more
- Special additives to lubricate while cutting to delay disc loading
- Cooler running extends disc life

**Use on:**

- Structural work
- Aluminium fabrication
- Welding



**Disc Type**

Resin Fibre Discs | Grinding and abrading requirements cover a wide spectrum of applications for metal work. Powerful, versatile, flexible, safe and economical.



**Brass Aluminium**



**Quality**

- ● ● ○ ○ Life
- ● ○ ○ ○ Hardness
- ● ● ○ ○ Aggression

**Backing Pad**



Resin fibre discs are for use with Backing Pad and Lock Nut (pictured)

See Page 31



Soft Metal   Resin Fibre Disc			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	B36	13,300	GRFB10036	25	CGRFB10036	5
100	B60	13,300	GRFB10060	25	CGRFB10060	5
100	B80	13,300	GRFB10080	25	CGRFB10080	5
125	B36	12,250	GRFB12536	25	CGRFB12536	5
125	B60	12,250	GRFB12560	25	CGRFB12560	5
125	B80	12,250	GRFB12580	25	CGRFB12580	5
178	B36	8,500	GRFB17836	25		
178	B60	8,500	GRFB17860	25		
178	B80	8,500	GRFB17880	25		

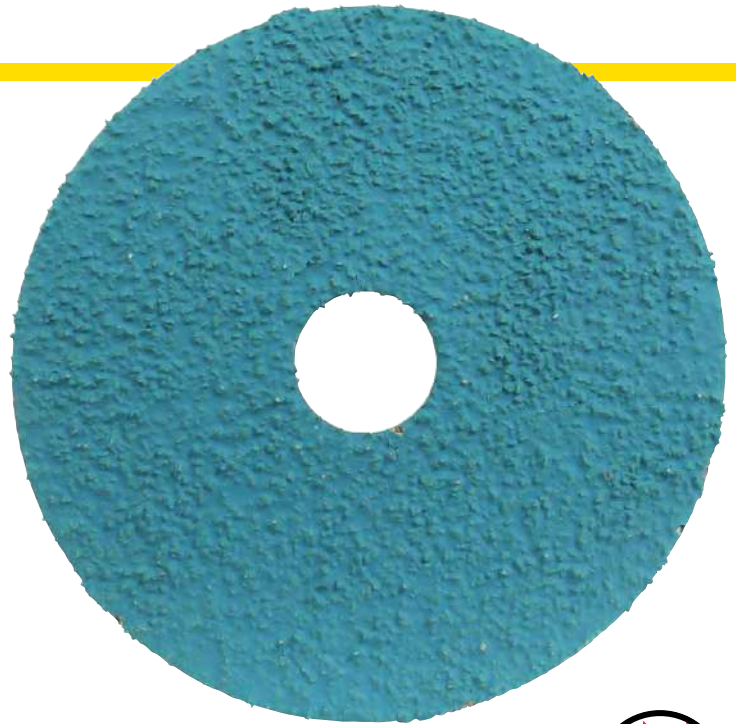


# Zirconia

- Premium Zirconia grit for ultimate grinding performance
- Advanced bonding formulation provides cool grinding action
- Cooler running extends disc life
- Suitable for high production applications in all industries
- Suitable for stainless steel

**Use on:**

- Structural work
- Stainless Steel fabrication
- Welding



**Disc Type**

Resin Fibre Discs | Grinding and abrading requirements cover a wide spectrum of applications for metal work. Powerful, versatile, flexible, safe and economical.



Steel



Stainless Steel



**Quality**

- ● ● ● ○ Life
- ● ● ● ○ Hardness
- ● ● ● ● Aggression

**Backing Pad**



Resin fibre discs are for use with Backing Pad and Lock Nut (pictured)

See Page 31



Zirconia   Resin Fibre Disc			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	Z36	15,300	GRFZS10036	25	CGRFZS10036	5
100	MIXED (36,60,80)	15,300			CGRFZK100-3	3
100	Z60	15,300	GRFZS10060	25	CGRFZS10060	5
100	Z80	15,300	GRFZS10080	25	CGRFZS10080	5
100	Z120	15,300	GRFZS100120	25	CGRFZS100120	5
115	Z24	13,300	GRFZS11524	25	CGRFZS11524	5
115	Z36	13,300	GRFZS11536	25	CGRFZS11536	5
115	MIXED (36,60,80)	13,300			CGRFZK115-3	3
115	Z60	15,300	GRFZS11560	25	CGRFZS11560	5
115	Z80	13,300	GRFZS11580	25	CGRFZS11580	5
125	Z120	12,250	GRFZS125120	25	CGRFZS12516	5
125	Z16	12,250	GRFZS12516	25	CGRFZS12524	5
125	Z24	12,250	GRFZS12524	25	CGRFZS12536	5
125	MIXED (36,60,80)	12,250			CGRFZK125-3	3
125	Z36	12,250	GRFZS12536	25	CGRFZS12560	5
125	Z60	12,250	GRFZS12560	25	CGRFZS12580	5
125	Z80	12,250	GRFZS12580	25	CGRFZS125120	5
178	Z16	8,500	GRFZS17816	25		
178	Z24	8,500	GRFZS17824	25		
178	Z36	8,500	GRFZS17836	25		
178	Z60	8,500	GRFZS17860	25		
178	Z80	8,500	GRFZS17880	25		

# Ceramic

- Suitable for aggressive grinding and maximum stock removal
- Disc self sharpens as it cuts material
- Suitable for stainless steel and other hard materials
- Reduced heat build up
- Advanced technology grinding for maximum performance

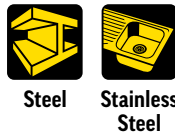
**Use on:**

- Structural work
- Stainless steel fabrication
- Welding



**Disc Type**

Resin Fibre Discs | Grinding and abrading requirements cover a wide spectrum of applications for metal work. Powerful, versatile, flexible, safe and economical.



**Quality**

- ● ● ● ● Life
- ● ● ● ● Hardness
- ● ● ● ● Aggression

**Backing Pad**



Resin fibre discs are for use with Backing Pad and Lock Nut (pictured)

See Page 31



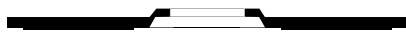
Ceramic   Resin Fibre Disc			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	C60	15,300	GRFCS10060	25	CGRFCS10060	5
100	MIXED (60,80,120)	15,300			CGRFCK100-3	3
100	C80	15,300	GRFCS10080	25	CGRFCS10080	5
100	C120	15,300	GRFCS100120	25	CGRFCS100120	5
115	C24	13,300	GRFCS11524	25	CGRFCS11524	5
115	C36	13,300	GRFCS11536	25	CGRFCS11536	5
115	MIXED (36,60,80)	13,300			CGRFCK115-3	3
115	C60	13,300	GRFCS11560	25	CGRFCS11560	5
115	C80	13,300	GRFCS11580	25	CGRFCS11580	5
125	C24	12,250	GRFCS12524	25	CGRFCS12524	5
125	MIXED (36,60,80)	12,250			CGRFCK125-3	3
125	C36	12,250	GRFCS12536	25	CGRFCS12536	5
125	C60	12,250	GRFCS12560	25	CGRFCS12560	5
125	C80	12,250	GRFCS12580	25	CGRFCS12580	5
178	C24	8,500	GRFCS17824	25		
178	C36	8,500	GRFCS17836	25		
178	C60	8,500	GRFCS17860	25		
178	C80	8,500	GRFCS17880	25		

# Backing Pads

- Air cooled backing plates, self containing cooling system with ribs to draw heat away from the grinding area
- Made from high quality tough and flexible polyimide
- Extend life of MaxAbrase resin fibre discs
- Reduces the disc loading and increased life of the disc
- Carded Backing Pads include lock nut



## Disc Type



Resin Fibre Discs | Grinding and abrading requirements cover a wide spectrum of applications for metal work. Powerful, versatile, flexible, safe and economical.

## Use with:



Lock Nut | For use on 115 - 178mm Backing Pad, screws directly onto grinder to hold on Resin Fibre disc safely

**Code: GBPN1**



Lock Nut | For use on 100mm Backing Pad, screws directly onto grinder to hold on Resin Fibre disc safely

**Code: GBPN2**

Resin Fibre Backing Pad		BULK		CARDED	
SIZE mm	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
100	15,300	GBP100	1	CGBP100	1
115	13,300	GBP115	1	CGBP115	1
125	12,250	GBP125	1	CGBP125	1
178	8,500	GBP178	1		

Lock Nut		BULK	
SIZE		CODE	PACK QTY
For use on 100mm Backing Pad		GBPN2	1
For use on 115 - 178mm Backing Pad		GBPN1	1



**max**  
**abrase**®

PREMIUM ABRASIVE FUSED TO BACKING PAD



TRIM ON WASTE METAL TO RENEW  
THE CUTTING EDGE



**trim-flex**  
**TRIMMABLE, FLEXIBLE**  
**GRINDING DISCS**

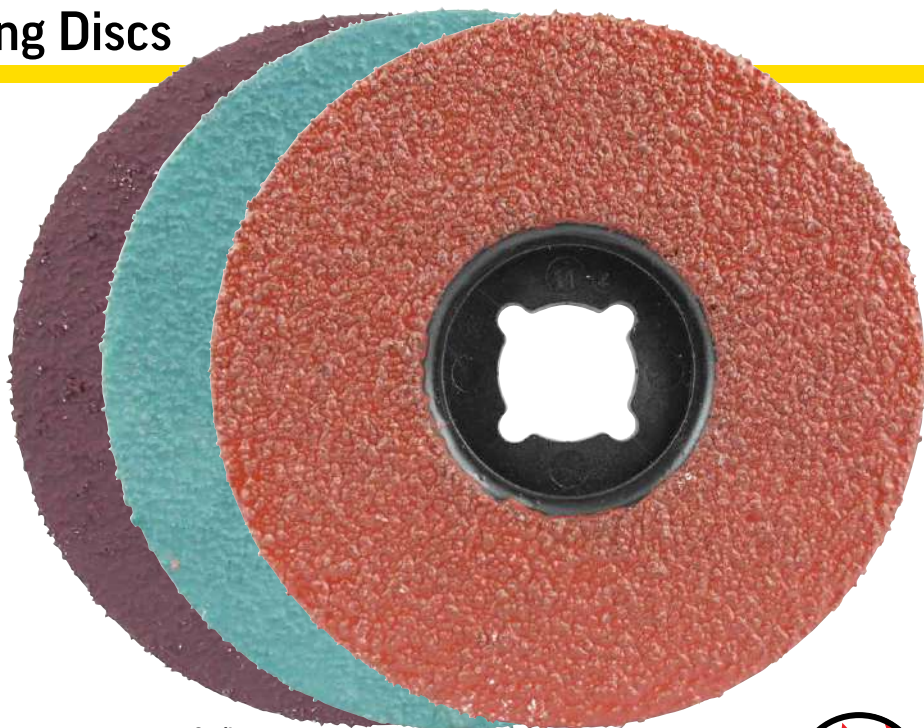


# Trim-Flex Grinding Discs

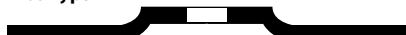
- Unique disc - grind and sand with one disc
- No backing pad - one piece design
- Premium abrasive grains fused directly to durable and flexible polymer backing
- Trimmable to renew cutting surface or reduce disc diameter
- No special lock nut required
- Can be used for grinding or sanding
- Packed in hang-sell cards
- Resealable packs for ease of use

**Use on:**

- Structural work
- Steel fabrication
- Welding



**Disc Type**



Resin Fibre Discs | Grinding and abrading requirements cover a wide spectrum of applications for metal work. Powerful, versatile, flexible, safe and economical.

Trimmable to renew cutting surface or reduce disc diameter | When outside edge is loaded to the point that it is not grinding effectively, trim it off as pictured below.



**Quality**



Brass



Aluminium

- Life
- Hardness
- Aggression



Soft Metal   Trim Flex			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
115	B36	13,300	GTFB11536	10	CGTFB11536	1
115	B60	13,300	GTFB11560	10	CGTFB11560	1

**Quality**



Stainless Steel



Steel



Aluminium

- Life
- Hardness
- Aggression

Zirconia   Trim Flex			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
115	Z36	13,300	GTFZ11536	10	CGTFZ11536	1
115	Z60	13,300	GTFZ11560	10	CGTFZ11560	1
115	Z120	13,300	GTFZ115120	10	CGTFZ115120	1

**Quality**



Steel



Aluminium

- Life
- Hardness
- Aggression

Ceramic   Trim Flex			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
115	C36	13,300	GTFC11536	10	CGTFC11536	1
115	C60	13,300	GTFC11560	10	CGTFC11560	1

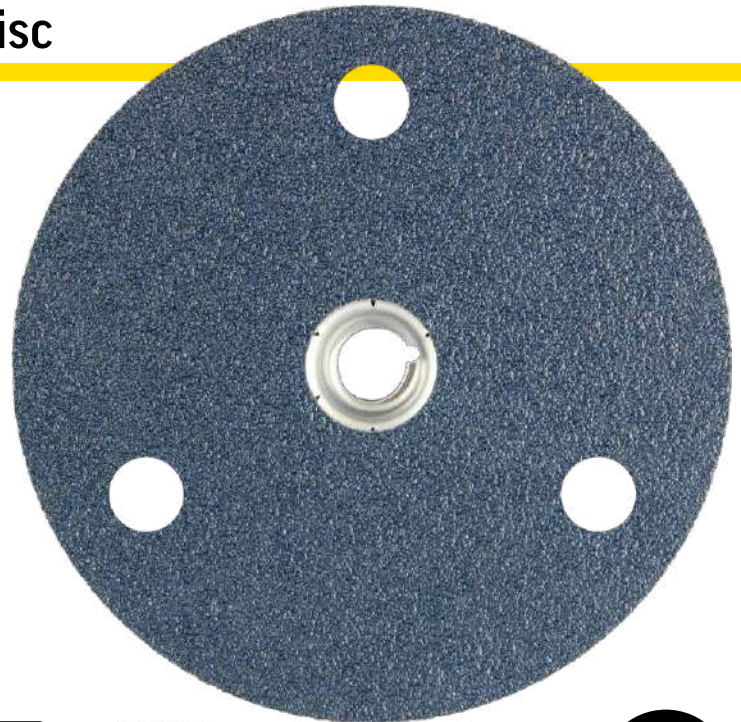


**max**  
**abrase**®

**TWIN POWER**  
**DOUBLE SIDED**  
**GRINDING DISCS**

# TWIN POWER Double Sided Disc

- Extremely thin, lightweight design and elimination of backing pad allows easy control and less operator fatigue
- Thin design allows access into hard to reach areas like inside channels, tracks, and the underside of surfaces
- Remarkably firm construction provides impressive rate of stock removal
- Visi-Cool openings allow the operator to see the work surface, while dissipating heat and minimizing the risk of discolouration
- Abrasive on both sides allows the operator to safely grind with both surfaces without changing position or direction
- Simple disc mounting and changeovers when used with the adapter using a standard M14 thread
- Requires no backing pad, discs can be changed by hand



## Disc Type



Twin Power Disc | Grinding and finishing requirements with visi-cool openings in disc to see the work surface.

## Quality

- ● ● ● ○ Life
- ● ● ● ○ Hardness
- ● ● ● ● Aggression

## Adapter



Adapter | Must be used to attached disc to Grinding spindle. Place flange and adapter onto grinder spindle, and then attach disc to spindle by spinning onto thread | GTPADP



Scan for video



Twin Power   Doubled Sided Disc			BULK	CARDED		
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
Adapter must be used to attached disc to spindle			GTPADP	1	CGTPADP	1
125	Z40	12,250	GTPZ12540	10	CGTPZ12540	2
125	Z60	12,250	GTPZ12560	10	CGTPZ12560	2
125	Z80	12,250	GTPZ12580	10	CGTPZ12580	2
125	MIXED (40,60,80) Including Adapter	12,250			CGTPZ125KIT	3

Finishing inside grooves or channels



Use top of disc to finish edges



Grind edges ready for welding



Use the one disc - very versatile!



# R Type | Resin Fibre Discs

- R Type plastic roll on backing plate
- Durable construction - long life edge durability compared to other discs

### Aluminium Oxide:

- All purpose discs
- Good performance and overall economy
- Cost effective stock removal
- Excels in a wide variety of applications



Stainless Steel



Steel



Aluminium



### Disc Type



R Type | For use in levelling and finishing operations as well as specialised grinding and surface finishing. Use with a R Type Holder for quick twist on and off disc change release.

### Quality

● ● ○ ○ ○ Life

● ● ○ ○ ○ Hardness

● ● ● ○ ○ Aggression

### Holder



R Type Resin Fibre use with R Type Holder (pictured)

See Page 42

Aluminium Oxide   R Type Resin Fibre Disc			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
50	A24	25,000	GRFA5024	50		5
50	A36	25,000	GRFA5036	50	CGRFA5036	5
50	A60	25,000	GRFA5060	50	CGRFA5060	5
50	A80	25,000	GRFA5080	50	CGRFA5080	5
50	A120	25,000	GRFA50120	50	CGRFA50120	5
75	A24	20,000	GRFA7524	25	CGRFA7524	5
75	A36	20,000	GRFA7536	25	CGRFA7536	5
75	A60	20,000	GRFA7560	25	CGRFA7560	5
75	A80	20,000	GRFA7580	25	CGRFA7580	5



# R Type | Resin Fibre Discs

### Zirconia:

- Premium Zirconia grit for ultimate grinding performance
- Advanced bonding formulation provides cool grinding action
- Cooler running extends disc life
- Suitable for high production applications in all industries



Stainless Steel



Steel



Aluminium



### Quality

- ● ● ● ○ Life
- ● ● ● ○ Hardness
- ● ● ● ● Aggression



Zirconia   R Type Resin Fibre Disc			BULK	CARDED		
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
25	Z24	30,000	GRFZ2524	50	CGRFZ2524	5
25	Z36	30,000	GRFZ2536	50	CGRFZ2536	5
50	Z24	25,000	GRFZ5024	50	CGRFZ5024	5
50	Z36	25,000	GRFZ5036	50	CGRFZ5036	5
50	Z60	25,000	GRFZ5060	50	CGRFZ5060	5
50	Z80	25,000	GRFZ5080	50	CGRFZ5080	5
50	Z120	25,000	GRFZ50120	50	CGRFZ50120	5
75	Z24	20,000	GRFZ7524	25	CGRFZ7524	5
75	Z36	20,000	GRFZ7536	25	CGRFZ7536	5
75	Z60	20,000	GRFZ7560	25	CGRFZ7560	5
75	Z80	20,000	GRFZ7580	25	CGRFZ7580	5

### Ceramic:

- Suitable for aggressive grinding and maximum stock removal
- Suitable for stainless steel and other hard materials
- Reduced heat build up
- Advanced technology grinding for maximum performance



Stainless Steel



Steel



Aluminium



### Quality

- ● ● ● ● Life
- ● ● ● ● Hardness
- ● ● ● ● Aggression



Ceramic   R Type Resin Fibre Disc			BULK	CARDED		
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
50	C24	25,000	GRFC5024	50	CGRFC5024	5
50	C36	25,000	GRFC5036	50	CGRFC5036	5
50	C60	25,000	GRFC5060	50	CGRFC5060	5
50	C120	25,000	GRFC50120	50	CGRFC50120	5
75	C24	20,000	GRFC7524	24	CGRFC7524	5
75	C36	20,000	GRFC7536	25	CGRFC7536	5
75	C60	20,000	GRFC7560	25	CGRFC7560	5
75	C80	20,000	GRFC7580	25	CGRFC7580	5
75	C120	20,000	GRFC75120	25	CGRFC75120	5

# R Type Grinding Discs

- R Type plastic roll on backing plate
- Grain is fused directly to polymer backing
- One piece design prevents risk of detaching
- 40% better performance and overall economy than other brands
- Use wet and dry

**Aluminium Oxide:**

- Good performance and overall economy
- No halogen producing grinding additives
- Cost effective stock removal
- Excels in a wide variety of applications

**Tool Tip:**

Use with GRH35 -35mm R Type Holder to get up to 100% extra life



**Disc Type**



R Type | For use in levelling and finishing operations as well as specialised grinding and surface finishing. Use with a R Type Holder for quick twist on and off disc change release.



Stainless Steel



Steel



Aluminium



**Quality**

- ● ● ● ○ Life
- ● ○ ○ ○ Hardness
- ● ● ○ ○ Aggression

**Holder**



R Type Grinding Discs use with R Type Holder (pictured)

See Page 42

Aluminium Oxide   R Type Grinding Disc			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
50	A24	25,000	GMGA5024	50	CGMGA5024	5
50	A36	25,000	GMGA5036	50	CGMGA5036	5
50	A60	25,000	GMGA5060	50	CGMGA5060	5
50	A80	25,000	GMGA5080	50	CGMGA5080	5
50	A120	25,000	GMGA50120	50		
75	A24	20,000	GMGA7524	50	CGMGA7524	5
75	A36	20,000	GMGA7536	50	CGMGA7536	5
75	A60	20,000	GMGA7560	50	CGMGA7560	5
75	A80	20,000	GMGA7580	50	CGMGA7580	5



# R Type Grinding Discs

## Zirconia:

- Advanced bonding formulation provides cool grinding action
- Cooler running extends disc life
- Suitable for high production applications in all industries



Stainless Steel



Steel



Aluminium



## Quality

- ● ● ● ○ Life
- ● ● ● ○ Hardness
- ● ● ● ● Aggression



Zirconia   R Type Grinding Disc			BULK	CARDED		
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
50	Z24	25,000	GMGZ5024	50	CGMGZ5024	5
50	Z36	25,000	GMGZ5036	50	CGMGZ5036	5
50	Z60	25,000	GMGZ5060	50	CGMGZ5060	5
50	Z80	25,000	GMGZ5080	50	CGMGZ5080	5
75	Z36	20,000	GMGZ7536	50	CGMGZ7536	5
75	Z80	20,000	GMGZ7580	50	CGMGZ7580	5

## Ceramic:

- Suitable for aggressive grinding and maximum stock removal
- Suitable for hard materials
- Reduced heat build up



Stainless Steel



Steel



Aluminium



## Quality

- ● ● ● ● Life
- ● ● ● ● Hardness
- ● ● ● ● Aggression



Ceramic   R Type Grinding Disc			BULK	CARDED		
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
50	C24	25,000	GMGC5024	50	CGMGC5024	5
50	C36	25,000	GMGC5036	50	CGMGC5036	5
75	C36	20,000	GMGC7536	50		
75	C50	20,000	GMGC7550	50		
75	C60	20,000	GMGC7560	50		
75	C80	20,000	GMGC7580	50		

# R Type | Surface Preparation Discs

- R Type plastic roll on backing plate
- High quality non-woven fibre impregnated with mineral grain
- No edge fraying or grain shredding for a consistent finish
- Flexible for use on flat and contoured surfaces
- Can be used with water, oil or cleaners
- Sonic welding of backing to fuse backing and material



## Disc Type



R Type | For use in levelling and finishing operations as well as specialised grinding and surface finishing. Use with a R Type Holder for quick twist on and off disc change release.



Stainless Steel



Steel



Aluminium



## Holder



R Type Surface Prep are used with R Type Holder (pictured)

See Page 42

Surface Preparation   R Type			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
50	Coarse / Gold	25,000	GSP50C	50		
50	X Coarse / Brown	25,000	GSP50EC	50	CGSP50EC	5
50	Fine / Blue	25,000	GSP50F	50	CGSP50F	5
50	Medium / Maroon	25,000	GSP50M	50	CGSP50M	5
50	Coarse / Gold	25,000	GSP75C	75		
75	X Coarse / Brown	20,000	GSP75EC	75	CGSP75EC	5
75	Fine / Blue	20,000	GSP75F	75	CGSP75F	5
75	Medium / Maroon	20,000	GSP75M	75	CGSP75M	5





# R Type | Mini Flap Discs

- Versatile small diameter discs with plastic backing
- Aggressive stock removal
- Longer life than sanding discs
- Ideal for confined spaces, automotive etc



### Disc Type



Mini Flap Disc | Versatility of Zirconia grain fibre on a small diameter plastic backing.

### Quality

- ● ● ● ○ Life
- ● ● ○ ○ Hardness
- ● ● ● ○ Aggression

### Holder

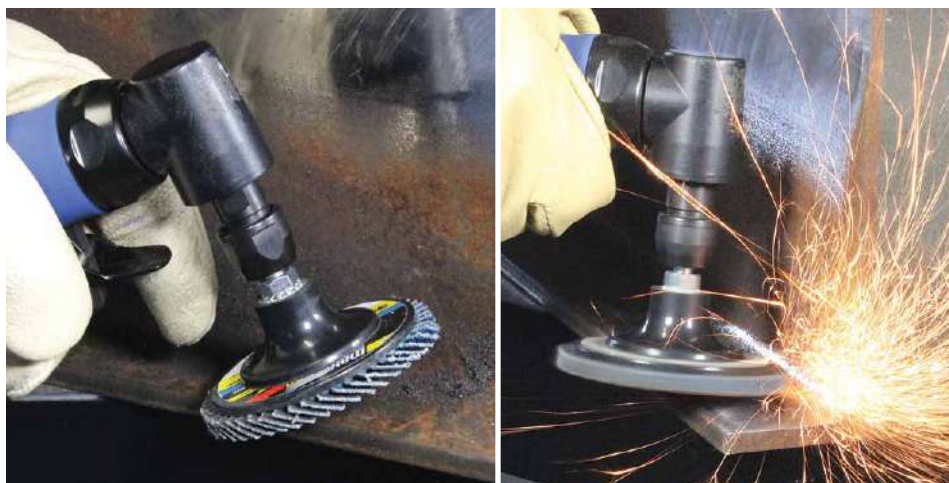


R Type Mini Flap Discs are used with R Type Holder (pictured)

See Page 42

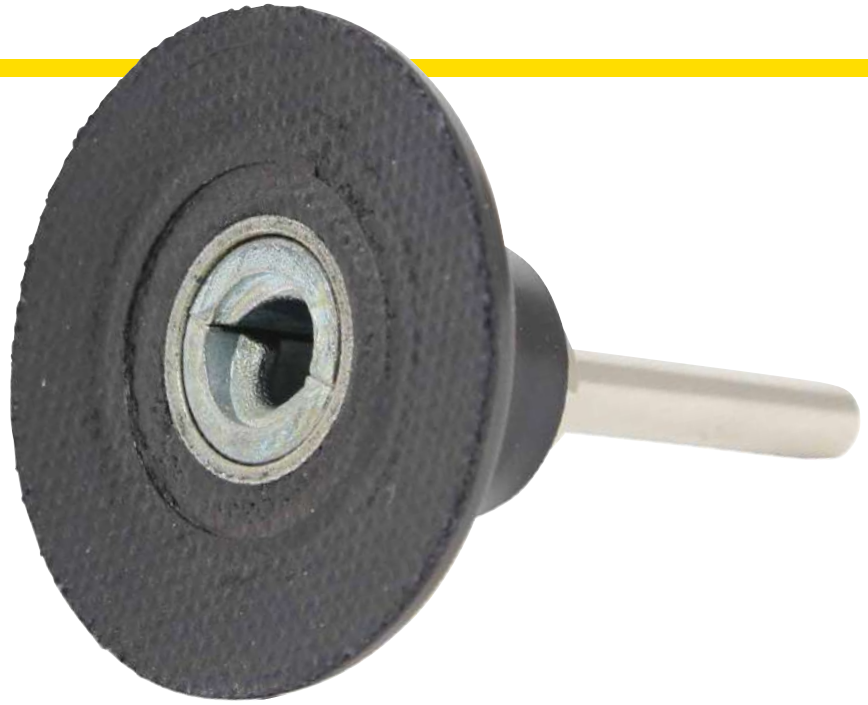


Mini Flap Discs   R Type			BULK		CARDED	
SIZE mm	GRIT	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
50	Z40	19,100	GMFDZ5040	10	CGMFDZ5040	1
50	Z60	19,100	GMFDZ5060	10	CGMFDZ5060	1
50	Z80	19,100	GMFDZ5080	10	CGMFDZ5080	1
75	Z40	12,700	GMFDZ7540	10	CGMFDZ7540	1
75	Z60	12,700	GMFDZ7560	10	CGMFDZ7560	1
75	Z80	12,700	GMFDZ7580	10		



# R Type Holders

- Compatible with: R Type resin fibre, R Type grinding and R Type surface prep discs
- Shank diameter: 1/4"
- Suits all R Type roll on discs
- Precision cast rubber backing



R Type Holder		BULK		CARDED	
SIZE mm	MAX RPM	CODE	PACK QTY	CODE	PACK QTY
35	25,000	GRH35	1	CGRH35	1
50	25,000	GRH50	1	CGRH50	1
75	20,000	GRH75	1	CGRH75	1



# Cutting Disc Mandrel

- Mandrel to suit 50 and 75mm cutting discs
- 6mm shank and 6mm fixing screw
- Slotted fixing screw for fast and easy changing of discs
- Accessory for mounting small cutting diameter discs to straight grinders
- Use recommended speeds indicated on the print of the cutting disc



Mandrel		BULK	
LENGTH mm	SHANK mm	CODE	PACK QTY
50	6	GMAN-75	1

# Non-Woven Hand Pads

## Grey:

- Premium non-woven hand pads
- Silicon carbide grit for fine finish work

## Uses:

- Cleaning
- Polishing
- Sloughing
- Finishing
- Paint and rust removal



Steel



Non-Woven Hand Pads   Grey			BULK	CARDED		
WIDTH mm	HEIGHT mm	GRIT	CODE	PACK QTY	CODE	PACK QTY
150	225	Ultra Fine	GNWHPG	20	CGNWHPG	2

## Green:

- Premium non-woven hand pads
- Industrial, medium

## Uses:

- Cleaning
- Polishing
- Sloughing
- Finishing
- Paint and rust removal



Steel



Non-Woven Hand Pads   Green			BULK	CARDED		
WIDTH mm	HEIGHT mm	GRIT	CODE	PACK QTY	CODE	PACK QTY
150	225	Industrial	GNWHPGN	20	CGNWHPGN	2

## Maroon:

- Premium non-woven hand pads
- Aluminium oxide grit for precision surface conditioning

## Uses:

- Cleaning
- Polishing
- Sloughing
- Finishing
- Paint and rust removal



Steel



Non-Woven Hand Pads   Maroon			BULK	CARDED		
WIDTH mm	HEIGHT mm	GRIT	CODE	PACK QTY	CODE	PACK QTY
150	225	Premium	GNWHPM	20	CGNWHPM	2

# Flat Sanding Pads

- Ideal for the Automotive industry
- Unique foam formula
- Moulds easily to surface contours
- Outperforms sandpaper
- Crease resistant, non-cracking
- Use wet or dry
- Packed in display boxes of 20 pads

### Uses:

- Cleaning
- Polishing
- Finishing
- Paint and rust removal
- Timber finishing



### Pad Shape

Sanding Pad | Rectangle shape for easy hand fitment and moulding into surface contours



Steel



Flat Sanding Pads				BULK	
WIDTH mm	LENGTH mm	THICKNESS mm	GRIT	CODE	PACK QTY
115	140	5	Fine	GSP22-F	20
115	140	5	Medium	GSP22-M	20
115	140	5	Super Fine	GSP22-SF	20
115	140	5	Ultra Fine	GSP22-UF	20



# Flexi-Foam Sanding Blocks

- Ideal for Plastering
- Dual grits for a wider range of applications and faster work
- Individually wrapped and barcoded
- Packed in attractive display boxes
- Flexible and easy to hold
- Outperforms sandpaper
- Rinse and reuse
- Barcoded for individual sale

## Uses:

- Cleaning
- Polishing
- Finishing
- Paint and rust removal
- Timber finishing



## Block Shape



Square edge | Finer finish than conventional sand paper. Washable and can be reused, giving greater product life.



Angled edge | For sanding into internal corners



Steel



Flexi-Foam Sanding Blocks					BULK	
WIDTH mm	LENGTH mm	THICKNESS mm	GRIT	EDGE SHAPE	CODE	PACK QTY
70	110	25	Fine / Medium	Square	GSB20-FM	20
70	110	25	Medium / Coarse	Square	GSB20-MC	20
70	125	25	Fine / Medium	Angled	GSB21-FM	24



# Safety Recommendations For The Use Of Abrasives

## General Principles of Safety

Abrasive products improperly used can be very dangerous.

- Always follow the instructions provided by the abrasive product and machine supplier
- Ensure that the abrasive product is suitable for its intended use. Examine all abrasive products for damage or defects before mounting
- Follow the correct procedures for handling and storage of abrasive products

Be aware of the hazards that are likely during the use of abrasive products and recognize the recommended precautions to be taken:

- Bodily contact with the abrasive product at operating speed
- Injury resulting from product breakage during use
- Grinding debris, sparks, fumes and dust generated by the grinding process
- Noise and Vibration
- Use only abrasive products conforming to the highest standards of safety
- Never use a machine that is not in good working order or one with defective parts
- Employers should carry out a risk assessment on all individual abrasive processes to determine the appropriate protective measures necessary. They should ensure that their employees are suitably trained to carry out their duties

## Precautions Against Likely Hazards

### Noise

- Ear protection is recommended for all applications where the workpiece or machine is hand-held, irrespective of the noise level
- Ensure that the correct abrasive product is selected. Most unsuitable products can produce excessive noise

### Vibration

- Processes where the workpiece or machine is hand-held can cause vibration injury
- Action needs to be taken if tingling, pins and needles or numbness is experienced after 10 minutes continuous use of the abrasive product
- The effects of vibration are more pronounced in cold conditions so keep the hands warm and exercise hands and fingers regularly.
- Use modern, up to date equipment with low vibration levels
- Maintain all equipment in good condition and stop the machine and have it checked if excessive vibration occurs
- Use good quality abrasive products and keep them in good condition during their life
- Maintain mounting flanges and back-up pads in good condition and replace if worn or distorted
- Do not grip the workpiece or machine too tightly and do not exert excessive pressure on the abrasive product
- Avoid continuous use of the abrasive product
- Use the correct product. An unsuitable product can produce excessive vibration
- Don't ignore the physical symptoms of vibration - seek medical advice

## Bodily contact with the abrasive product

- Always take great care and attention when using abrasive products. Tie back long hair and do not wear loose clothing, ties and jewellery
- Prevent accidental start-up of the machine before mounting or changing an abrasive product
- Isolate machines from their power source where necessary
- Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted before starting the machine
- Always use gloves and suitable clothing where the workpiece or machine is hand-held
- After switching off the machine, ensure the product has come to rest before leaving the machine unattended.

## Disposal Of Abrasives

- Used or defective abrasives should be disposed in accordance with local or national regulations
- Further information can be obtained from the supplier
- Be aware that the abrasive product may be contaminated with material from the workpiece or process after use
- Disposed abrasive products should be damaged to prevent them from being taken from waste skips and reused

# Safety Recommendations For The Use Of Abrasives

## Injury caused by product breakage

- Always handle abrasives with great care, they are easily damaged. Examine all products for defects or damage before use
- Store abrasives in dry, frost-free conditions avoiding wide variations in temperature
- Ensure abrasives are properly protected and supported to prevent damage and distortion
- Coated abrasives should be stored at 18-22° C, 45-65% relative humidity
- Never use an abrasive product beyond its expiry date where marked. Observe the recommended shelf life for the following specific products; Resinoid and Shellac products 3 years, Rubber products 5 years, Vitrified products 10 years
- Ensure that the correct abrasive product is selected. Never use a product if it cannot be properly identified
- Follow the instructions provided by the abrasive product or machine supplier when mounting abrasive products. Observe any mounting indications marked on the product such as direction of run or mounting position
- Never force the abrasive product onto the mounting fixture or modify it to fit
- Never exceed the maximum operating speed where specified
- Check that the correct mounting devices are used and that they are undistorted, clean and free from burrs
- Do not tighten the mounting device excessively
- After mounting or re-mounting an abrasive product, conduct a trial run at operating speed with the guard in place for at least 30 seconds, standing clear of the machine before use
- Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted
- Ensure that the workpiece is secure and properly supported. Ensure that work rests are properly adjusted and secure
- Never start the machine with the workpiece in contact with the abrasive product
- Never apply excessive force or shock to the abrasive product or let it overheat
- Do not grind on the part of the product that is not designed for the operation. Avoid grinding with the edge of abrasive belts, use the centre of the belt if possible
- Avoid clogging and uneven wear to ensure that the abrasive product is working efficiently. Dress frequently where appropriate
- Let the abrasive product stop naturally, not by applying pressure to its surface
- Turn off and spin out excess coolant before stopping the machine
- Do not leave abrasive belts under tension when not in use

## Grinding debris - sparks, dust and fumes

- Exposure to grinding debris can cause lung damage and other physical injuries
- All dry grinding processes should be provided with adequate extraction facilities
- Do not use abrasive products near flammable materials
- The use of respirators is recommended for dry grinding processes even if extraction systems are provided
- Guards where provided should be adjusted to deflect sparks and debris away from the operator.  
Take additional measures to protect people working nearby
- Eye protection is recommended for all machine applications for abrasives. Goggles or full-face shields are recommended
- Ensure that the correct abrasive product is selected. An unsuitable product can produce excessive debris and dust



Not permitted for handheld or manually-guided grinding



Do not use for wet grinding



Not permitted for face grinding



Do not use if damaged



Only permitted with a backing pad



Use ear muffs



Observe safety instructions



Wear safety gloves to protect hands



Wear safety goggles or glasses to protect the eyes



Wear a dust mask



Only permitted for wet cutting



Only permitted for use on totally enclosed machines

### Important Notice:

- Every effort has been made to ensure that all information supplied in this "Safety Recommendations For The Use Of Abrasives" section is accurate and up to date. Sheffield Group cannot accept responsibility for any error or omission, nor for any consequential loss or damage that may arise.



T: 02 4957 8787 • F: 02 4957 3737 • E: [sales@sheffield.com.au](mailto:sales@sheffield.com.au)  
55 Pendlebury Road (PO Box 687) • Cardiff NSW 2285 Australia  
[sheffield.com.au](http://sheffield.com.au) | [maxabrase.com.au](http://maxabrase.com.au)

