



# Alpha

## ABRASIVES









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Complies with AS1788:1-1987 • EN12413

MADE IN EUROPE

**ULTRA FAST CUT**

Flanges must be fitted as illustrated

INCORRECT MOUNTING OF FLANGES

CORRECT MOUNTING OF FLANGES

Flanges equal in diameter

Flanges equal in diameter

**MAX. RPM 12,250 80m/s**

**Metal - Stainless**

INOX IRON FREE

Reinforced Cut-off Wheel

**125**

x1.0x22.23mm

A46SBF

**Alpha**

**XTRA**

GCDGX12510

9 342386 064124

Warning: Cutting wheels must be mounted correctly. Do not use on all machines. Must be min. 115 diameter of wheel.





# Reinforced Cut-off Wheels

The Alpha abrasive range has been developed to meet all performance criteria in order to best meet your requirements



Stainless Steel

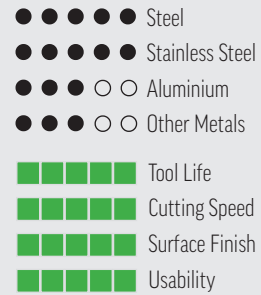


Steel

Type 41 Straight Design

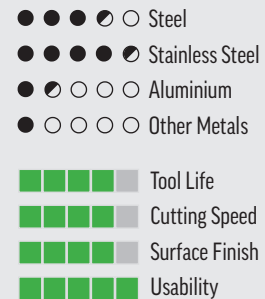
## Alpha XTRA

Most advanced stainless cutting disc in the market. New manufacturing technology has produced a disc with unparalleled performance



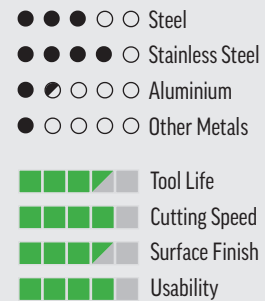
## Alpha XTRA

Designed for the perfect combination of cutting ability, usability and material finish



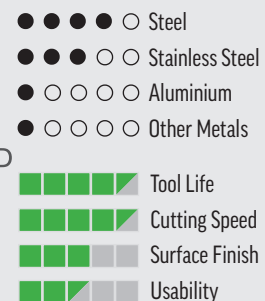
## Alpha

Outstanding balance of performance and safety



## Silver Series

Rugged, long lasting performance at outstanding value





Type 41 Straight Design Application: Cut-off



**BULK - 25 PACK**  
Supplied in branded boxes (50mm = 100 pack)

**CARDED - 10 PACK**  
Supplied in hangable resealable packs



**BULK/TUB - 90 & 100 PACK**  
Supplied in reusable tub with bonus Black Panther Snips

# XTRA Reinforced Cut-off Wheels



Stainless Steel

Steel

- High quality, stainless steel grade cutting discs  
**Ideal for:** Sheet fabrication, structural work and bodywork
- 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
  - Xtra balance
  - Xtra life
  - OSA Certified

● ● ● ● ● Steel  
 ● ● ● ● ● Stainless Steel  
 ● ● ● ● ● Aluminium  
 ● ● ● ● ● Other Metals

■ ■ ■ ■ ■ Tool Life  
 ■ ■ ■ ■ ■ Cutting Speed  
 ■ ■ ■ ■ ■ Surface Finish  
 ■ ■ ■ ■ ■ Usability

## XTRA Reinforced Cut-off Wheels



Ø mm	Thickness mm	BULK 25 PACK	BULK - TUB 100 PACK	CARDED 10 PACK	Max. RPM	Cut
50	1.0	GCDGX05010* (100 PACK)			30,300	Ultra fast
75	1.0	GCDGX07510*		CGCDGX07510	20,370	Ultra fast
100	1.0	GCDGX10010		CGCDGX10010	15,300	Ultra fast
115	1.0	GCDGX11510		CGCDGX11510	13,300	Ultra fast
	1.6	GCDGX11516			13,300	Fast
125	2.5	GCDGX11525			13,300	Fast
	1.0	GCDGX12510	GCDGX12510-100BP	CGCDGX12510	12,250	Ultra fast
	1.6	GCDGX12516	GCDGX12516-90BP (90 PACK)		12,250	Fast
180	2.5	GCDGX12525			12,250	Fast
	1.6	GCDGX18016			8,500	Ultra fast
230	2.5	GCDGX18025			8,500	Fast
	1.9	GCDGX23019			6,650	Ultra fast

\*use with GMAN-75 - see opposite page

## 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 cutting discs to straight grinders
- Use recommended speeds indicated on the print of the cutting disc



**BULK - 1 PCE**  
**Length:** 50mm  
**Shank:** 1/4 inch

**Code: GMAN-75**





## Stainless Steel PLUS Reinforced Cut-off Wheels



Most advanced stainless cutting disc in the market. New manufacturing technology has produced a disc with unparalleled performance  
**Ideal for:** Sheet fabrication, structural work and bodywork

- Produces a cool, clean, precise & burr free cut
- Stops discolouration of metal
- Extra strong reinforcing and high rigidity
- Manufactured to EN12413 standards
- OSA Certified
- Premium reusable plastic packaging stacks easily and keeps discs airtight to ensure they are not affected by humidity or moisture

- ● ● ● ● Steel
- ● ● ● ● Stainless Steel
- ● ● ○ ○ Aluminium
- ● ● ○ ○ Other Metals

- ■ ■ ■ ■ Tool Life
- ■ ■ ■ ■ Cutting Speed
- ■ ■ ■ ■ Surface Finish
- ■ ■ ■ ■ Usability

Type 41 Straight Design Application: Cut-off



**BULK - 10 & 25 PACK**  
 Supplied in premium reusable plastic packaging

### Stainless Steel PLUS Reinforced Cut-off Wheels

Ø mm	Thickness mm	BULK 10 PACK	BULK 25 PACK	Max. RPM	Cut
125	1.0	GCDGP12510-10	GCDGP12510-25	12,250	Ultra fast



## Reinforced Cut-off Wheels



High quality, stainless steel grade cutting discs  
**Ideal for:** Sheet fabrication, structural work and bodywork

- Long lasting and suitable for all general purpose and stainless steel cutting
- Excellent quality, stainless steel grade cutting discs
- Manufactured to EN12413 standards
- Well balanced discs
- OSA Certified

- ● ● ○ ○ Steel
- ● ● ● ○ Stainless Steel
- ● ○ ○ ○ Aluminium
- ○ ○ ○ ○ Other Metals

- ■ ■ ■ ■ Tool Life
- ■ ■ ■ ■ Cutting Speed
- ■ ■ ■ ■ Surface Finish
- ■ ■ ■ ■ Usability

Type 41 Straight Design Application: Cut-off



**BULK/TUB - 90 & 100 PACK**  
 Supplied in reusable tub with bonus Black Panther Snips

### Reinforced Cut-off Wheels

Ø mm	Thickness mm	BULK 25 PACK	BULK - TUB 100 PACK	Max. RPM	Cut
100	1.0	GCDS10010		15,300	Ultra fast
115	1.0	GCDS11510		13,300	Ultra fast
125	1.0	GCDS12510	GCDS12510-100BP	12,250	Ultra fast
	1.6	GCDS12516	GCDS12516-90BP (90 PACK)	12,250	Fast



Type 41 Straight Design Application: Cut-off

## Silver Series Reinforced Cut-off Wheels



High quality, stainless steel grade cutting discs  
**Ideal for:** Sheet fabrication, structural work and bodywork

- 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

● ● ● ● ○ Steel  
 ● ● ● ● ○ Stainless Steel  
 ● ○ ○ ○ ○ Aluminium  
 ● ○ ○ ○ ○ Other Metals

■ ■ ■ ■ ■ Tool Life  
 ■ ■ ■ ■ ■ Cutting Speed  
 ■ ■ ■ ■ ■ Surface Finish  
 ■ ■ ■ ■ ■ Usability

### Silver Series – Reinforced Cut-off Wheels

Ø mm	Thickness mm	TRADE PACK - TIN 10 PACK	BULK 25 PACK	BULK - TUB 100 PACK	CARDED 10 PACK	Max. RPM
100	1.0	GCDSS10010-10	GCDSS10010	GCDSS10010-100PM	CGCDSS10010	15,300
	2.4		GCDSS10024			15,300
115	1.0	GCDSS11510-10	GCDSS11510	GCDSS11510-100PM	CGCDSS11510	13,300
125	1.0	GCDSS12510-10	GCDSS12510	GCDSS12510-100PM	CGCDSS12510	12,250
	1.6		GCDSS12516			12,200
	2.5		GCDSS12525			12,200
180	2.0		GCDSS18020			8,600
230	2.0		GCDSS23020 (15 PACK)			6,650
	2.4		GCDSS23024 (10 PACK)			6,650



**BULK - PACKS**  
Supplied wrapped

**CARDED - 10 PACK**  
Supplied in hangable resealable packs



**BULK/TUB - 100 PACK**  
Supplied in reusable tub with two bonus Sterling Retractable Permanent Markers

**BONUS**  
2x PERMANENT MARKERS



**Silver Series TRADE PACK - 10 PACK Merchandisers**  
Slim 10 pack tins for convenience  
20 tins per display (200 discs)

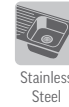
**X10 DISC TRADE PACK**



# Large Diameter Reinforced Cut-off Wheels



## STAINLESS STEEL CUTTING



- Premium Aluminium Oxide grain
- Good stock removal
- Perfect ratio between cutting performance and life

3x REINFORCING				100m/s
Ø mm	Thickness mm	Bore mm	BULK 5 PACK	Max. RPM
305	4.0	25.4	GCDSS30540	6,400
355	4.0	20.0	GCDSS35540	6,400
400	4.0	25.4	GCDSS40040	4,800

## 3x REINFORCING

- Triple Fibreglass netting
- High Speed Steel cutting
- Suits electric and petrol high speed saws

2x REINFORCING				80m/s
Ø mm	Thickness mm	Bore mm	BULK 5 PACK	Max. RPM
355	2.8	25.4	GCDSS35528	4,350

## 2x REINFORCING

- Double Fibreglass netting
- Suits popular 14" electric cut-off machines

Type 41 Straight Design Application: Cut-off

BULK 5 PACK - Supplied wrapped



## METAL CUTTING



- Suitable for general ferrous metals
- Fast cutting and long life
- Narrow cutting joints

METAL CUTTING				80m/s
Ø mm	Thickness mm	Bore mm	BULK 5 PACK	Max. RPM
355	2.8	25.4	GCDSS35528M	4,350



Type 41 Straight Design Application: Cut-off

BULK 5 PACK - Supplied wrapped



## METAL CUTTING



- OSA Certified
- Premium Aluminium Oxide grain
- Fast cutting and long life

METAL CUTTING				80m/s
Ø mm	Thickness mm	Bore mm	BULK 10 PACK	Max. RPM
355	3.0	25.4	GCDSS35530*	4,350



Type 41 Straight Design Application: Cut-off

BULK 10 PACK - Supplied wrapped

\*Available June 2021



Type 27 Depressed Centre Application: Grinding



Type 27 Depressed Centre Application: Grinding

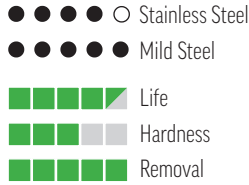
## XTRA Reinforced Grinding Wheels

Superior material removal, long lasting disc

- High quality Inox grinding discs
- OSA Certified
- Manufactured to EN12413 standards



Stainless Steel Steel



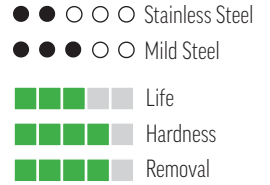
## Silver Series Reinforced Grinding Wheels

Industrial grade disc, suitable for all general purpose grinding

- MPA tested in Hanover Germany
- Manufactured to EN12413 standards



Stainless Steel Steel



### XTRA Reinforced Grinding Wheels



Ø mm	Width mm	BULK 10 PACK	Max. RPM
100	6.5	GGDGM10060	15,300
115	6.5	GGDGM11560	13,300
125	6.5	GGDGM12560	12,250
180	6.5	GGDGM18060	8,600

### Silver Series - Reinforced Grinding Wheels

Ø mm	Width mm	BULK 10 PACK	Max. RPM
100	6.0	GGDSS10060	15,300
115	6.0	GGDSS11560	13,300
125	6.0	GGDSS12560	12,200
180	6.0	GGDSS18060	8,500
230	6.0	GGDSS23060 (5 PACK)	6,650



BULK - 10 PACK Supplied in branded boxes



BULK - PACKS Supplied wrapped





Type 27 Depressed Centre Application: Grinding

# XTRA

## Cut, Grind & Notch

### COMBO DISCS



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

High quality, stainless steel grade cutting and grinding discs

**Ideal for:** Structural work, steel fabrication and welding

- Multi-purpose combo disc; cut, grind and notch with the one disc
- Industrial quality
- Ideal for trade use, no downtime to change discs
- OSA Certified
- Manufactured to EN12413 standards



### XTRA Combo Discs

Ø mm	Thickness mm	BULK 25 PACK	Max. RPM
125	2.5	GCGGS12525	12,250
	3.5	GCGGS12535	12,250



BULK - 25 PACK  
Supplied wrapped









# Coated Abrasives Overview

The four abrasive grains vary in colour to help you quickly identify the best disc for the required application.

## 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



Stainless Steel



Steel

## Zirconia

- Extremely hard Zirconia 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



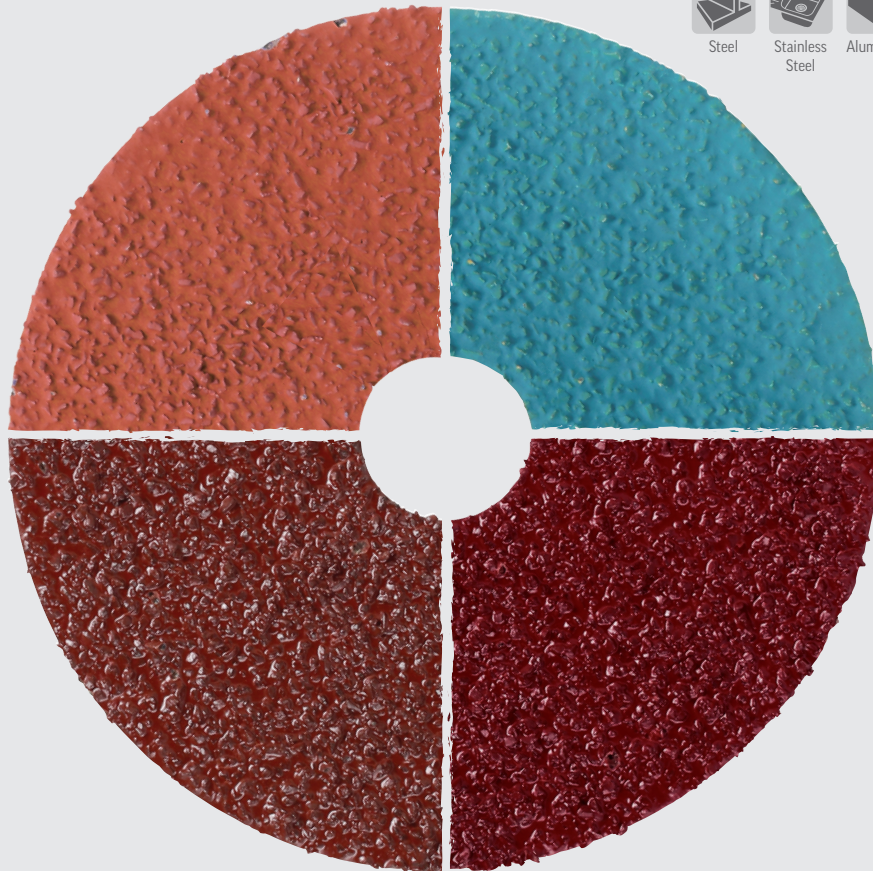
Steel



Stainless Steel



Aluminium



## 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

## Soft Metal

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



Brass



Aluminium





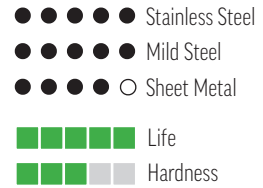
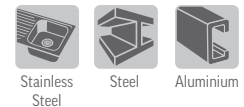
# XTRA

## Zirconia Flap Discs

High quality, stainless steel grade flap discs

**Ideal for:** Structural work, steel fabrication and welding

- 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
- 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



**Type 29 (Conical 15°)** allows for more aggressive cutting action, making this option ideal for stock removal



### Type 29 Fibreglass Backing

Ø mm	GRIT	BULK 10 PACK	BULK - TUB 15 PACK	CARDED 1 PCE	Max. RPM
100	Z40	GFDGS10040		CGFDGS10040	15,300
	Z60	GFDGS10060		CGFDGS10060	15,300
	Z80	GFDGS10080		CGFDGS10080	15,300
	Z120	GFDGS100120			15,300
115	Z40	GFDGS11540			13,300
	Z60	GFDGS11560			13,300
	Z80	GFDGS11580			13,300
	Z120	GFDGS115120			13,300
125	Z40	GFDGS12540	GFDGS125-TUBZ40	CGFDGS12540	12,200
	Z60	GFDGS12560	GFDGS125-TUBZ60	CGFDGS12560	12,200
	Z80	GFDGS12580	GFDGS125-TUBZ80	CGFDGS12580	12,200
	Z120	GFDGS125120		CGFDGS125120	12,200
	MIX		GFDGS125-TUBMIX 16 pack mixed		12,200
178	Z40	GFDGS17840			8,500
	Z60	GFDGS17860			8,500
	Z80	GFDGS17880			8,500

**ALUMINIUM BACKING** for rigid support. Zirconia grains perform more aggressively as you apply moderate pressure



**Type 29 (Conical 15°)**



### Type 29 Aluminium Backing

Ø mm	GRIT	BULK 10 PACK	Max. RPM
100	Z40	GFDAB10040	15,300
115	Z40	GFDAB11540	13,300
125	Z40	GFDAB12540	12,200



**BULK - 10 PACK**  
Supplied wrapped

**CARDED - 1 PCE**  
Supplied in hangable resealable packs



**Type 28 (Flat)** is used primarily on flat surfaces, making this option ideal for blending and smooth finishing applications

### Type 28 Fibreglass Backing

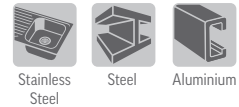
Ø mm	GRIT	BULK 10 PACK	Max. RPM
100	Z40	GFDGS10040F	15,300
	Z60	GFDGS10060F	15,300
	Z80	GFDGS10080F	15,300
125	Z40	GFDGS12540F	12,200
	Z60	GFDGS12560F	12,200
	Z80	GFDGS12580F	12,200



**BULK/TUB - 15 & 16 PACK**  
Supplied in reusable tub with three bonus Combi Discs

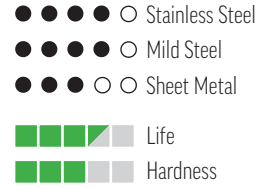


## Zirconia Flap Discs



High quality, stainless steel grade flap disc  
**Ideal for:** Structural work, steel fabrication and welding

- An all-round performer on mild steel and stainless steel grinding and finishing
- Up to 30% more abrasive than other brands - medium aggressiveness
- Well balanced for smooth, vibration free running
- Perfectly balanced disc eliminates vibration and fatigue



Strong **FIBREGLASS BACKING** wears as disc is consumed providing full life and performance



Type 29 (Conical 15°) angle allows for more aggressive cutting action, making this option ideal for stock removal



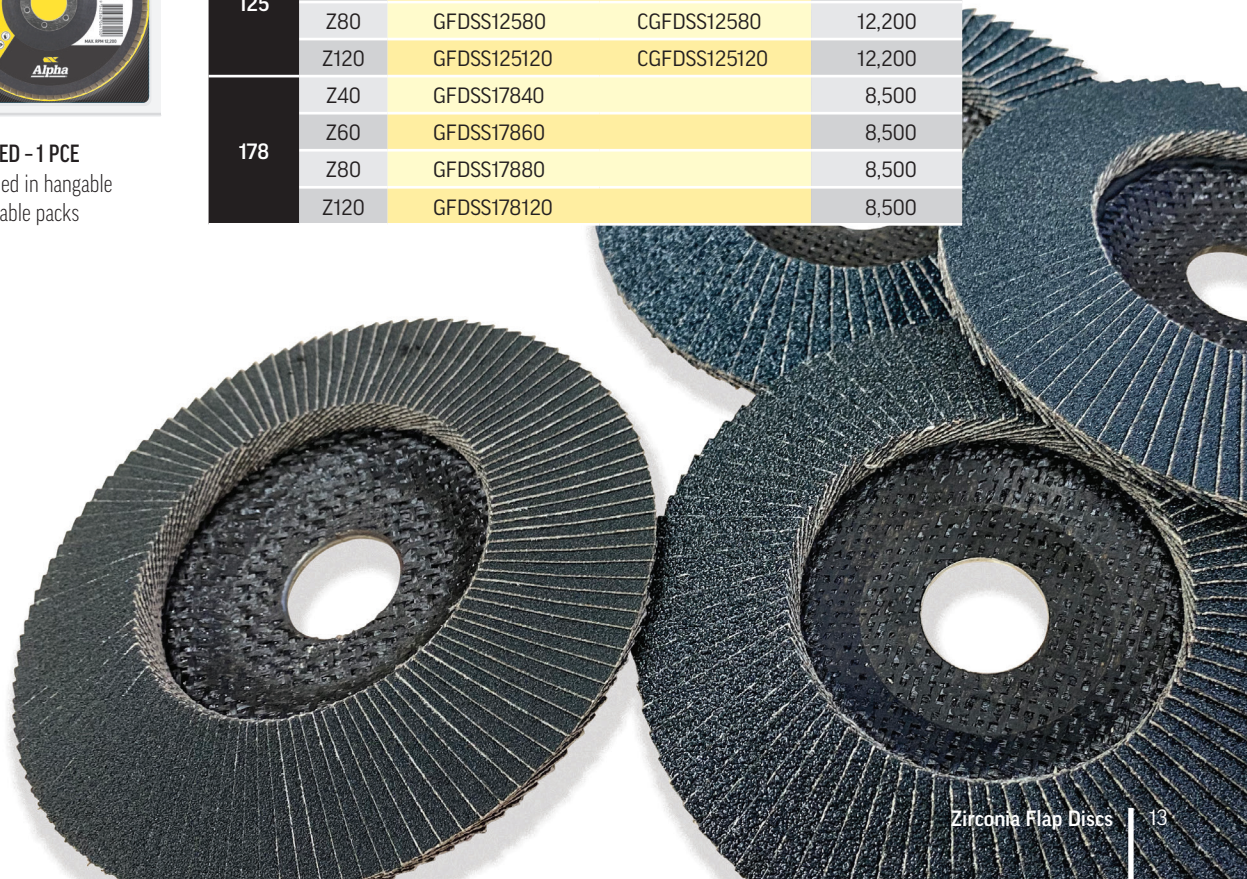
### Type 29 Fibreglass Backing

Ø mm	GRIT	BULK 10 PACK	CARDED 1 PCE	Max. RPM
100	Z40	GFDSS10040		15,300
	Z60	GFDSS10060		15,300
	Z80	GFDSS10080		15,300
	Z120	GFDSS100120		15,300
115	Z40	GFDSS11540		13,300
	Z60	GFDSS11560		13,300
	Z80	GFDSS11580		13,300
	Z120	GFDSS115120		13,300
125	Z40	GFDSS12540	CGFDSS12540	12,200
	Z60	GFDSS12560	CGFDSS12560	12,200
	Z80	GFDSS12580	CGFDSS12580	12,200
	Z120	GFDSS125120	CGFDSS125120	12,200
178	Z40	GFDSS17840		8,500
	Z60	GFDSS17860		8,500
	Z80	GFDSS17880		8,500
	Z120	GFDSS178120		8,500



**BULK - 10 PACK**  
Supplied wrapped

**CARDED - 1 PCE**  
Supplied in hangable resealable packs







Type 27 Flat



**BULK - 10 PACK**  
Supplied wrapped

**CARDED - 1 PCE**  
Supplied in hangable  
resealable packs

# XTRA

## R TYPE

### Zirconia Mini Flap Discs



Versatile small diameter discs with plastic backing

**Ideal for:** Confined spaces, automotive etc

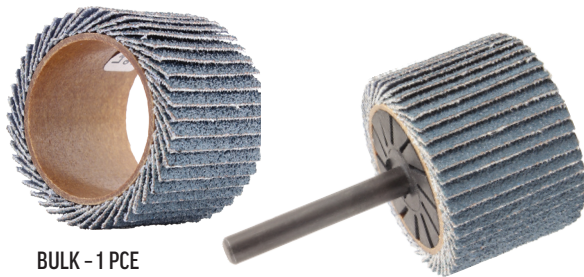
- Aggressive stock removal and longer life than sanding discs



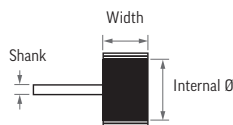
R Type - Mini Flap Discs				
Ø mm	GRIT	BULK 10 PACK	CARDED 1 PCE	Max. RPM
50	Z40	GMFDZ5040		19,100
	Z60	GMFDZ5060	CGMFDZ5060	19,100
	Z80	GMFDZ5080	CGMFDZ5080	19,100
75	Z40	GMFDZ7540	CGMFDZ7540	12,700
	Z60	GMFDZ7560	CGMFDZ7560	12,700
	Z80	GMFDZ7580		12,700



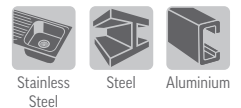
**R Type Holder**  
for Mini Flap Discs  
See page 31



**BULK - 1 PCE**  
Supplied wrapped



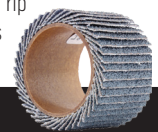
# Zirconia Flap Bands



Longer lasting, more productive alternative to flap wheels and spiral bands.

**Ideal for:** metals and aggressive on stainless steel

- Quick, easy changeovers. Drums expand and grip the band as machine reaches speed
- Layered flaps are tightly packed and wear evenly
- Less pressure required - easier to control
- Aggressive stock removal throughout product life
- Flaps affixed to a firm fibre core
- Low vibration helps avoiding vibration white finger or hand-arm vibration syndrome; an industrial injury triggered by continuous use of vibrating hand-held machinery.
- No seams or splices to rip or tear on sharp edges



Flap Bands					
Internal Ø mm	GRIT	Width mm	Suits Expanding Drum	BULK 1 PCE	Max. RPM
22	Z40	20	GFBD22	GFBZ2240	19,100
	Z60	20	GFBD22	GFBZ2260	19,100
	Z80	20	GFBD22	GFBZ2280	19,100
30	Z40	20	GFBD30	GFBZ3040	12,700
	Z60	20	GFBD30	GFBZ3060	12,700
	Z80	20	GFBD30	GFBZ3080	12,700
	Z120	20	GFBD30	GFBZ30120	12,700



**Expanding Drum**  
for use with Flap Bands



**Diameter: 22mm**  
**6mm Shank**  
**Code: GFBD22**

**Diameter: 30mm**  
**6mm Shank**  
**Code: GFBD30**

**NOTE** Always take care that you are using the Flap Bands on the Expanding Drums in the right direction. A label inside each Flap Band shows the specification as well as the running direction

**TIP** Flap Bands achieve best performance when used with less pressure.





### **MINI FLAP DISCS**

The versatility of Zirconia grain on a small diameter plastic backing. Offers more aggressive stock removal and longer life than quick change sanding discs. Ideal for working in confined spaces where larger flap discs will not fit.





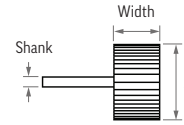
# Aluminium Oxide Flap Wheels



Quality flap wheels manufactured with premium grade aluminium oxide grain with an X-weight cotton backing, giving superior durability and flexibility

**Ideal for:** grinding or polishing work in hard to reach areas on all metals

- Heavy stock removal
- Suitable for trade and industrial usage
- 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 suit die grinders and portable machines



## 3mm Shank – Flap Wheels

Ø mm	Width mm	GRIT	BULK 1 PCE	Max. RPM	Opt. RPM
10	10	A60	GFWA101060	26,000	16,000
	10	A80	GFWA101080	26,000	16,000
	10	A180	GFWA1010180	26,000	16,000



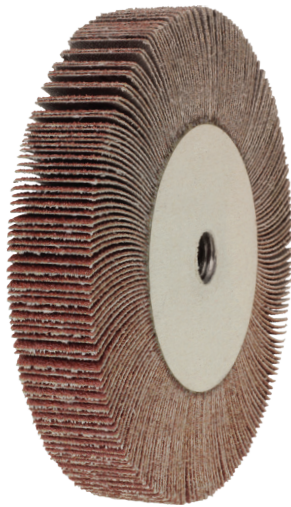
## 6mm Shank – Flap Wheels

Ø mm	Width mm	GRIT	BULK 1 PCE	Max. RPM	Opt. RPM
25	15	A60	GFWA251560	26,000	18,000
	25	A60	GFWA252560	26,000	16,000
25	25	A80	GFWA252580	26,000	16,000
	25	A120	GFWA2525120	26,000	16,000
	25	A180	GFWA2525180	26,000	16,000
30	10	A80	GFWA301080	26,000	16,000
30	15	A80	GFWA301580	20,000	16,000
40	15	A60	GFWA401560	20,000	13,000
	20	A60	GFWA402060	20,000	13,000
40	20	A80	GFWA402080	20,000	13,000
	20	A120	GFWA4020120	20,000	13,000
	25	A60	GFWA502560	16,000	11,000
50	25	A80	GFWA502580	16,000	11,000
	25	A120	GFWA5025120	16,000	11,000
	25	A180	GFWA5025180	16,000	11,000
	25	A240	GFWA5025240	16,000	11,000
60	30	A80	GFWA603080	13,500	9,000
	50	A60	GFWA605060	13,500	9,000
60	50	A80	GFWA605080	13,500	9,000
	50	A120	GFWA6050120	13,500	9,000
	25	A40	GFWA752540	10,000	6,000
75	25	A60	GFWA752560	10,000	6,000
	25	A80	GFWA752580	10,000	6,000
	25	A120	GFWA7525120	10,000	6,000
	25	A180	GFWA7525180	10,000	6,000
75	38	A40	GFWA753840	10,000	6,000
	38	A60	GFWA753860	10,000	6,000
75	50	A60	GFWA755060	10,000	6,000
	50	A80	GFWA755080	10,000	6,000
	50	A120	GFWA7550120	10,000	6,000
	50	A180	GFWA7550180	10,000	6,000

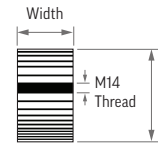


**BULK - 1 PCE**  
Supplied wrapped





M14 threaded arbor for quick mounting on 115 and 125mm grinders



# XTRA

## Aluminium Oxide Threaded Flap Wheels



**BULK - 1 PCE**  
Supplied wrapped

**Ideal for:** Weld dressing, removing rust, paint and heat discoloration. Works well for general purpose finishing on steel and stainless steel work-piece contours.

- Constructed with up to 30% more flaps for best performance in production applications
- Heavy stock removal
- For use in hard to reach areas
- Very easy to operate, no preparation or dressing required to work piece
- Resin core centre provides higher flexibility



### Threaded Flap Wheels

Ø mm	Width mm	GRIT	BULK 1 PCE	Max. RPM
115	20	A40	GFWA1152040	13,300
	20	A60	GFWA1152060	13,300
	20	A80	GFWA1152080	13,300
125	20	A40	GFWA1252040	12,200
	20	A60	GFWA1252060	12,200
	20	A80	GFWA1252080	12,200



# Resin Fibre Discs

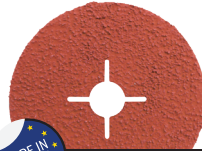
**Application:** Grinding and abrading requirements cover a wide spectrum of applications for metal work. Powerful, versatile, flexible, safe and economical.

## Ceramic Resin Fibre Discs

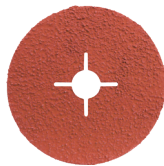
Suitable for aggressive grinding and maximum stock removal on harder materials

**Ideal for:** Stainless steel, alloys and other hard materials

- Disc self sharpens as it cuts material
- Reduced heat build up
- Advanced technology grinding for maximum performance



Ceramic			
Ø mm	GRIT	BULK 25 PACK	Max. RPM
100	C36	GRFC10036	15,300
	C60	GRFC10060	15,300
115	C24	GRFC11524	13,300
	C36	GRFC11536	13,300
125	C24	GRFC12524	12,250
	C36	GRFC12536	12,250
178	C24	GRFC17824	8,500
	C60	GRFC17860	8,500

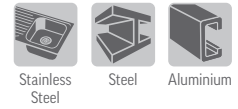


**BULK - 25 PACK**  
Supplied wrapped

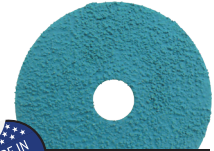
## Zirconia Resin Fibre Discs

Superior grinding performance

**Ideal for:** Stainless steel



- Longer life than aluminium oxide
- Most cost effective when used in high production applications where cutting rates are monitored
- Cool grinding action reduces glazing and load



Zirconia				
Ø mm	GRIT	BULK 25 PACK	CARDED 5 PACK	Max. RPM
100	Z36	GRFZS10036		15,300
	Z60	GRFZS10060		15,300
	Z80	GRFZS10080		15,300
	Z120	GRFZS100120		15,300
115	Z24	GRFZS11524		13,300
	Z36	GRFZS11536		13,300
	Z60	GRFZS11560		13,300
125	Z80	GRFZS11580		13,300
	Z16	GRFZS12516	CGRFZS12516	12,250
	Z24	GRFZS12524		12,250
	Z36	GRFZS12536	CGRFZS12536	12,250
	Z60	GRFZS12560	CGRFZS12560	12,250
	Z80	GRFZS12580	CGRFZS12580	12,250
178	Z120	GRFZS125120		12,250
	Z16	GRFZS17816		8,500
	Z24	GRFZS17824		8,500
	Z36	GRFZS17836		8,500
178	Z60	GRFZS17860		8,500
	Z80	GRFZS17880		8,500



**BULK - 25 PACK**  
Supplied wrapped

**CARDED - 5 PACK**  
Supplied in hangable resealable packs



**Backing Pad**  
for use with Resin Fibre Discs  
See page 31



## Aluminium Oxide Resin Fibre Discs



Steel

Provides overall economy, with good performance

**Ideal for:** Structural work, steel fabrication and welding

- No halogen producing grinding additives
- Cost effective stock removal and a safer working environment
- Excels in a wide variety of applications



### Aluminium Oxide

Ø mm	GRIT	BULK 25 PACK	CARDED 5 PACK	Max. RPM
100	A16	GRFA10016		15,300
	A24	GRFA10024	CGRFA10024	15,300
	A36	GRFA10036	CGRFA10036	15,300
	A60	GRFA10060	CGRFA10060	15,300
	A80	GRFA10080	CGRFA10080	15,300
	A120	GRFA100120		15,300
115	A16	GRFA11516		13,300
	A24	GRFA11524		13,300
	A36	GRFA11536		13,300
	A60	GRFA11560		13,300
	A80	GRFA11580		13,300
	A120	GRFA115120		13,300
125	A16	GRFA12516		12,250
	A24	GRFA12524	CGRFA12524	12,250
	A36	GRFA12536	CGRFA12536	12,250
	A60	GRFA12560	CGRFA12560	12,250
	A80	GRFA12580	CGRFA12580	12,250
	A120	GRFA125120		12,250
178	A16	GRFA17816		8,500
	A24	GRFA17824		8,500
	A36	GRFA17836		8,500
	A60	GRFA17860		8,500
	A80	GRFA17880		8,500



**BULK - 25 PACK**  
Supplied wrapped

**CARDED - 5 PACK**  
Supplied in hangable resealable packs

## Soft Metal Resin Fibre Discs



Brass



Aluminium

Fast cutting of soft metals

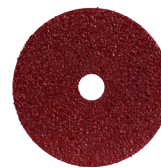
**Ideal for:** Bronze, brass and aluminium and much more

- Special additives to lubricate while cutting to delay disc loading
- Cooler running extends disc life



### Soft Metal

Ø mm	GRIT	BULK 25 PACK	Max. RPM
100	B36	GRFB10036	13,300
	B60	GRFB10060	13,300
	B80	GRFB10080	13,300
125	B36	GRFB12536	12,250
	B60	GRFB12560	12,250
	B80	GRFB12580	12,250
178	B36	GRFB17836	8,500
	B60	GRFB17860	8,500
	B80	GRFB17880	8,500



**BULK - 25 PACK**  
Supplied wrapped

# R TYPE & S TYPE Quick Change Grinding Discs

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

**40%  
PERFORMANCE**

40% better performance  
& overall economy  
than resin fibre discs

## Ceramic Grinding Discs

For aggressive grinding and maximum stock removal

**Ideal for:** Hard materials

- Reduced heat build up

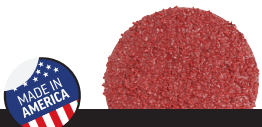


## Zirconia Grinding Discs

Advanced bonding formulation provides cool grinding action for extended disc life

**Ideal for:** High production applications in all industries


- Extremely hard Zirconia abrasive alloy sharpens itself in use, delivering outstanding cutting rates and maximum useful life
- Advanced bond extends disc life by minimizing grain shedding, while promoting a cool grinding action which reduces glazing and loading
- Most cost effective when used in high production application where cutting rates are monitored

R Type – Ceramic				
Ø mm	GRIT	BULK 50 PACK	BULK 25 PACK	Max. RPM
50	C24	GMGC5024		25,000
	C36	GMGC5036		25,000
75	C36		GMGC7536	20,000
	C50		GMGC7550*	20,000
	C60		GMGC7560	20,000
	C80		GMGC7580	20,000

See page 31 for R Type Holder

\*While stocks last

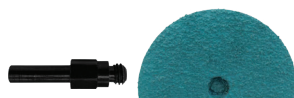


R Type – Zirconia				
Ø mm	GRIT	BULK 50 PACK	BULK 25 PACK	Max. RPM
50	Z24	GMGZ5024		25,000
	Z36	GMGZ5036		25,000
	Z60	GMGZ5060		25,000
	Z80	GMGZ5080		25,000
75	Z36		GMGZ7536	20,000
	Z80		GMGZ7580	20,000

See page 31 for R Type Holder

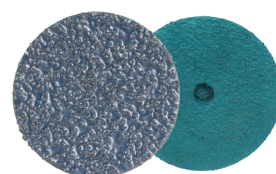


**R TYPE Bulk**  
Supplied wrapped



S Type – Zirconia			
Ø mm	GRIT	BULK 25 PACK	Max. RPM
75	Z36	GTKZ7536	21,000
	Z60	GTKZ7560	21,000
	Z80	GTKZ7580	21,000

1 x S Type Holder supplied with every 25 PACK



**R TYPE Bulk**  
Supplied wrapped

**S TYPE Bulk**  
Supplied wrapped  
with 1 x holder



## Aluminium Oxide Grinding Discs

Provides overall economy, with good performance

**Ideal for:** A wide variety of applications

- Blend of advanced abrasive alloys and bonding agents delivers superior cutting rates and longer useful life
- High stock removal with a cool cutting action
- Use wet and dry
- Good performance and overall economy
- No halogen producing grinding additives
- Cost effective stock removal



Steel



### R Type – Aluminium Oxide

Ø mm	GRIT	BULK 50 PACK	BULK 25 PACK	Max. RPM
50	A24	GMGA5024		25,000
	A36	GMGA5036		25,000
	A60	GMGA5060		25,000
	A80	GMGA5080		25,000
	A120	GMGA50120		25,000
75	A24		GMGA7524	20,000
	A36		GMGA7536	20,000
	A60		GMGA7560	20,000
	A80		GMGA7580	20,000

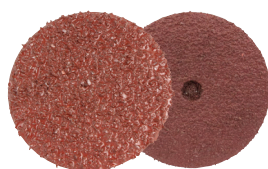
See page 31 for R Type Holder



### S Type – Aluminium Oxide

Ø mm	GRIT	BULK 25 PACK	Max. RPM
75	A24	GTKA7524	21,000
	A36	GTKA7536	21,000
	A60	GTKA7560	21,000

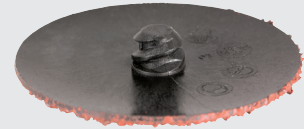
1 x S Type Holder supplied with every 25 PACK



**R TYPE Bulk**  
Supplied wrapped

**S TYPE Bulk**  
Supplied wrapped with 1 x holder

## Types of Fasteners



- R Type** Quick twist on and off disc change release.
- Grain is fused directly to polymer backing
  - One piece design prevents risk of detaching



### R Type Holder

Sold separately  
See page 31



- S Type** Quick twist on and off disc change release.



### S Type Holder

1 x holder included in 25 pack

# R TYPE Quick Change Resin Fibre Discs

Durable construction - long life edge durability compared to other discs

## Ceramic Resin Fibre Discs

For aggressive grinding and maximum stock removal

**Ideal for:** Stainless steel and other hard materials

- Reduced heat build up
- Advanced technology grinding for maximum performance

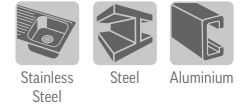



## Zirconia Resin Fibre Discs

Premium Zirconia grit for ultimate grinding performance

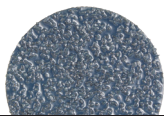
**Ideal for:** High production applications in all industries

- Advanced bonding formulation provides cool grinding action
- Cooler running extends disc life

R Type - Ceramic					
Ø mm	GRIT	BULK 50 PACK	BULK 25 PACK	Max. RPM	
50	C24	GRFC5024		25,000	
	C36	GRFC5036		25,000	
	C60	GRFC5060		25,000	
	C120	GRFC50120		25,000	
75	C24		GRFC7524	20,000	
	C36		GRFC7536	20,000	
	C60		GRFC7560	20,000	
	C80		GRFC7580	20,000	
	C120		GRFC75120	20,000	

See page 31 for R Type Holder

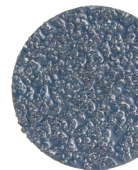


R Type - Zirconia					
Ø mm	GRIT	BULK 50 PACK	BULK 25 PACK	CARDED 5 PACK	Max. RPM
25	Z24	GRFZ2524			30,000
	Z36	GRFZ2536			30,000
50	Z24	GRFZ5024			25,000
	Z36	GRFZ5036		CGRFZ5036	25,000
	Z60	GRFZ5060		CGRFZ5060	25,000
	Z80	GRFZ5080		CGRFZ5080	25,000
75	Z120	GRFZ50120			25,000
	Z24		GRFZ7524		20,000
	Z36		GRFZ7536		20,000
	Z60		GRFZ7560		20,000
	Z80		GRFZ7580		20,000

See page 31 for R Type Holder



**BULK - PACKS**  
Supplied wrapped



**BULK - PACKS**  
Supplied wrapped

**CARDED - 5 PACK**  
Supplied in hangable resealable packs

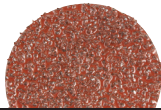


# Aluminium Oxide Resin Fibre Discs

All purpose discs

**Ideal for:** A wide variety of applications

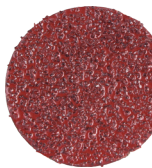
- Good performance and overall economy
- Cost effective stock removal



## R Type – Aluminium Oxide

Ø mm	GRIT	BULK 50 PACK	BULK 25 PACK	CARDED 5 PACK	Max. RPM
50	A24	GRFA5024			25,000
	A36	GRFA5036		CGRFA5036	25,000
	A60	GRFA5060		CGRFA5060	25,000
	A80	GRFA5080		CGRFA5080	25,000
	A120	GRFA50120			25,000
75	A24		GRFA7524		20,000
	A36		GRFA7536		20,000
	A60		GRFA7560		20,000
	A80		GRFA7580		20,000

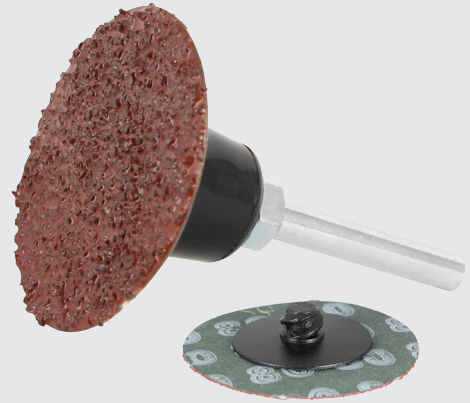
See page 31 for R Type Holder



**BULK - PACKS**  
Supplied wrapped

**CARDED - 5 PACK**  
Supplied in hangable resealable packs

# R Type Fastener



**R Type** Quick twist on and off disc change release.

- Grain is fused directly to polymer backing
- One piece design prevents risk of detaching



**R Type Holder**  
Sold separately  
See page 31



# Trim-Flex Grinding Discs

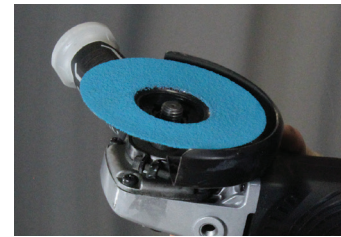
**Ideal for:** Grinding or sanding

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

- 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



**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 above.



**Premium abrasive fused to backing pad**

## Ceramic Trim-Flex



Stainless Steel

Steel

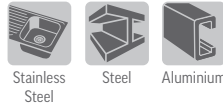


Ceramic			
Ø mm	GRIT	BULK 25 PACK	Max. RPM
115	C36	GTFC11536	13,300
	C60	GTFC11560	13,300



**BULK - 25 PACK**  
Supplied wrapped

## Zirconia Trim-Flex



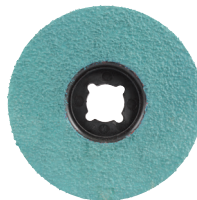
Stainless Steel

Steel

Aluminium

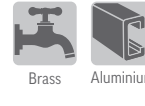


Zirconia			
Ø mm	GRIT	BULK 25 PACK	Max. RPM
115	Z36	GTFZ11536	13,300
	Z60	GTFZ11560	13,300
	Z120	GTFZ115120	13,300



**BULK - 25 PACK**  
Supplied wrapped

## Soft Metal Trim-Flex

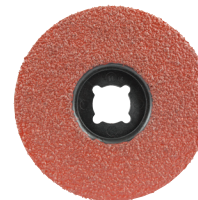


Brass

Aluminium



Soft Metal			
Ø mm	GRIT	BULK 25 PACK	Max. RPM
115	B36	GTFB11536	13,300
	B60	GTFB11560	13,300



**BULK - 25 PACK**  
Supplied wrapped





# TWIN POWER

## Double sided Grinding disc



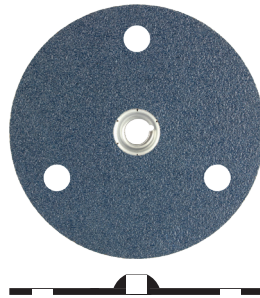
Scan for video

## TWIN POWER Double Sided Grinding Discs

**Ideal for:** Grinding and finishing

Thin design allows access into hard to reach areas; inside of channels, tracks, and the underside of surfaces.

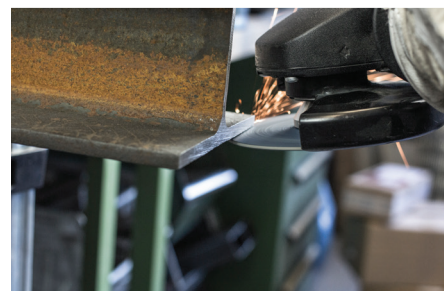
- Extremely thin, lightweight design and elimination of backing pad allows easy control and less operator fatigue
- Remarkably firm construction provides impressive rate of stock removal
- Visi-Cool openings allow the operator to see the work surface, while dissipating heat and minimizing the risk of discolouration
- Zirconia 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



Finishing inside grooves or channels



Grind edges ready for welding



Use top of disc to finish edges



Use the one disc - very versatile!



**BULK - 10 PACK**  
Supplied wrapped

### Double Sided Grinding Discs



Ø mm	GRIT	BULK 10 PACK	Max. RPM
125	Z40	GTPZ12540	12,250
	Z60	GTPZ12560	12,250
	Z80	GTPZ12580	12,250



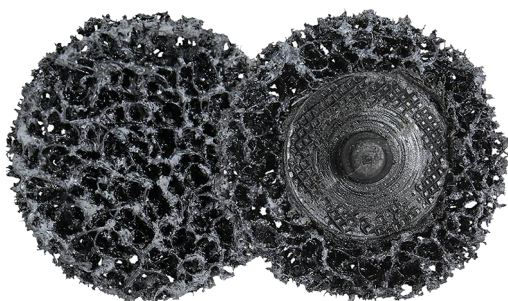
#### Adapter

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.

**BULK - 1 PCE** Code: GTPADP



Type 27 Depressed Centre



R Type Quick Change



**BULK - 5 PACK**  
Supplied wrapped

**CARDED - 1 PCE**  
Supplied in hangable resealable packs



**BULK - 25 PACK**  
Supplied wrapped



**CARDED - 1 PCE**  
Supplied in hangable resealable packs

# XTRA

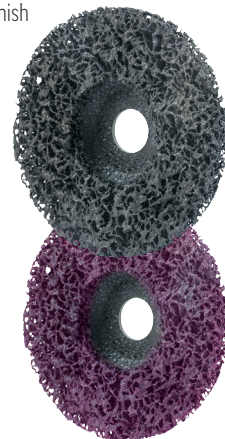
## Clean & Strip Discs



Nonwoven cleaning discs achieve no edge fraying or grain shredding for a consistent finish

**Ideal for:** Aggressive cleaning or removing rust, paint, epoxy or weld spatter

- Greater surface area than wire brushes
- Coarse silicon carbide grain dispersed throughout a strong nylon web
- Aggressively removes rust, weld spatter, paint and coatings without loading or clogging and tough enough for deburring
- Easier, safer and faster alternative to wire brushes



### Black Coarse

Suitable for softer materials and more comfortable use

### Purple Ultra

Stronger stripping power for removal work without damaging the surface and up to 30% longer life than Black Coarse

Type 27 Fibreglass depressed centre disc for easy attachment to angle grinders

### Type 27

Ø mm	GRIT	BULK 5 PACK	CARDED 1 PCE	Max. RPM	Opt. RPM
100	Black Coarse	GSPD100BC	CGSPD100BC	12,800	7,000
	Purple Ultra	GSPD100PU	CGSPD100PU	12,800	7,000
115	Black Coarse	GSPD115BC	CGSPD115BC	12,250	6,000
125	Black Coarse	GSPD125BC	CGSPD125BC	12,250	5,600
	Purple Ultra	GSPD125PU	CGSPD125PU	12,250	5,600
178	Black Coarse	GSPD178BC		6,800	3,900
	Purple Ultra	GSPD178PU		6,800	3,900

R Type Quick change for easy attachment to Die Grinders

### R Type

Ø mm	GRIT	BULK 25 PACK	CARDED 1 PCE	Max. RPM
50	Black Coarse	GSPD50BC	CGSPD50BC	18,000
75		GSPD75BC	CGSPD75BC	7,800



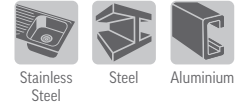
### R Type Holder

for R Type Clean & Strip Discs  
See page 31





## R TYPE & S TYPE Surface Preparation Discs



Conditions, cleans and finishes the surface without undercutting the material. Flexible for use on flat and contoured surfaces.

**Ideal for:** deburring, surfaces preparation, weld and gasket cleaning, and finishing stainless steel.

- High quality non-woven fibre impregnated with mineral grain
- No edge fraying or grain shredding for a consistent finish
- Can be used with water, oil or cleaners
- Sonic welding of backing to fuse backing and material



**BULK - PACKS**  
Supplied wrapped



**CARDED - 5 PACK**  
Supplied in hangable resealable packs

R Type plastic roll on backing plate



### R Type – Surface Preparation Discs

Ø mm	GRIT	BULK 50 PACK	BULK 25 PACK	CARDED 5 PACK	Max. RPM
50	X Coarse / Brown	GSP50EC		CGSP50EC	25,000
	Coarse / Gold	GSP50C		CGSP50C	25,000
	Medium / Maroon	GSP50M		CGSP50M	25,000
	Fine / Blue	GSP50F		CGSP50F	25,000
75	X Coarse / Brown		GSP75EC	CGSP75EC	20,000
	Coarse / Gold		GSP75C	CGSP75C	20,000
	Fine / Blue		GSP75F	CGSP75F	20,000
	Medium / Maroon		GSP75M	CGSP75M	20,000



#### R Type Holder

for R Type Surface Preparation Discs  
See page 31



**BULK - 25 PACK**  
Supplied wrapped with 1 x holder

### S Type – Surface Preparation Discs



Ø mm	GRIT	BULK 25 PACK	Max. RPM
75	X Coarse / Brown	GTKSP75EC	20,000
	Coarse / Brown	GTKSP75C	20,000
	Medium / Maroon	GTKSP75M	20,000
	Fine / Blue	GTKSP75F	20,000

1 x S Type Holder supplied with every 25 PACK

# 3 STEPS for the perfect mirror finish

1

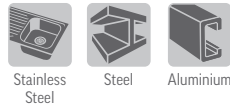
**INTERLEAVED FINISHING**  
Grinding and surface finish



**NONWOVEN FINISHING**  
Surface conditioning material



## Hybrid Disc



Combines high quality surface conditioning flaps with coated abrasive  
**Ideal for:** Removing small surface imperfections

- 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

 Type 29 (Conical)

### Type 29 (Conical) Hybrid Finishing Disc



Ø mm	TYPE	BULK 10 PACK	CARDED 1 PCE	Max. RPM	Opt. RPM
115	Medium	GHFD115	CGHFD115	13,300	3,500
125		GHFD125	CGHFD125	12,200	3,000

## SCM Finishing Flap Disc



Layered flaps provide up to 7 times life of traditional versions  
**Ideal for:** General surface preparation and finishing

- Highest quality surface conditioning material

 Type 27 (Conical 8°)

### Type 27 (Conical 8°) SCM Finishing Flap Disc

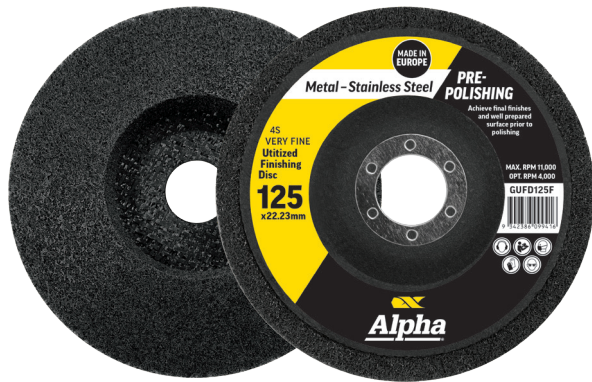


Ø mm	TYPE	BULK 10 PACK	CARDED 1 PCE	Max. RPM	Opt. RPM
100	Coarse / Brown	GSPFD100C	CGSPFD100C	15,300	6,600
115		GSPFD115C	CGSPFD115C	13,300	5,800
125	Coarse / Brown	GSPFD125C	CGSPFD125C	12,200	5,300
	Medium / Maroon	GSPFD125M	CGSPFD125M	12,200	5,300
	Fine / Blue	GSPFD125F	CGSPFD125F	12,200	5,300



The 3-Step Finishing is designed for low speed right angle finishing tools, and can transform a light weld into a mirror finish

2



3



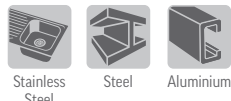
Use with polishing compound to produce a mirror finish

**POLISHING COMPOUND**



Use polishing compound with Felt Polishing Flap Discs to remove light scratches and to produce a mirror finish. Soft felt material absorbs the compounds and provides smooth operation

**Unitized Finishing Disc**



Highly concentrated abrasive in a firm, non-woven base material  
**Ideal for:** Blending of surface defects

- Ideal for preparing stainless steel surfaces prior to polishing
- Compact 3-dimension construction, resistant to loading

**Felt Polishing Flap Discs**



Flexible 70% wool felt polishing flap disc with cool air flow  
**Ideal for:** Producing a mirror finish when used a polishing compound

- Individual flaps are flexible and allow a cool air flow
- Alpha Felt Polishing Flap Discs run cooler without burning and polish faster and smoother than traditional felt products

**ALPHA GREEN**  
**Ideal for:** bright polishing of hard alloys such as platinum, white gold, chrome, cobalt, copper, brass and stainless steel  
120g BULK - 1 PCE

**Code: GPCG120**

**ALPHA WHITE**  
**Ideal for:** bright polishing of aluminium and silver alloys  
115g BULK - 1 PCE

**Code: GPCW115**

Type 29 (Conical)

Type 29 (Conical) Unitized Finishing Disc					
Ø mm	GRADE	BULK 10 PACK	CARDED 1 PCE	Max. RPM	Opt. RPM
115	4S Very Fine	GUFD115F	CGUFD115F	11,000	4,000
125	Fine	GUFD125F	CGUFD125F	11,000	4,000

Type 27 (Flat)

Type 27 (Flat) Felt Polishing Flap Discs					
Ø mm	TYPE	BULK 5 PACK	CARDED 1 PCE	Max. RPM	Opt. RPM
100	Medium D5-H40	GFPM100	CGFPM100	9,700	1,900
115		GFPM115	CGFPM115	8,500	1,650
125		GFPM125	CGFPM125	7,700	1,520
178		GFPM178		5,500	1,100

R Type

R Type Unitized Finishing Disc					
Ø mm	GRADE	BULK 25 PACK	CARDED 1 PCE	Max. RPM	Opt. RPM
50	4S Very Fine	GUFD50	CGUFD50	11,000	4,000
75	Fine	GUFD75	CGUFD75	11,000	4,000

See page 31 for R Type Holder

R Type

R Type Felt Polishing Discs					
Ø mm	TYPE	BULK 25 PACK	CARDED	Max. RPM	Opt. RPM
50	Medium D5-H40	GFPM100	3 PCE CGFPM100	19,100	3,800
75		GFPM125	1 PACK CGFPM125	12,700	2,500

See page 31 for R Type Holder

# Non-Woven Hand Pads

Size: 150 x 225mm

Ideal for: Cleaning, polishing, sloughing, finishing, paint and rust removal



Ultra Fine		Silicon carbide grit for fine finish work
BULK 20 PACK	CARDED 2 PCE	
GNWHPG	CGNWHPG	

**BULK - 20 PACK**  
Supplied wrapped

**CARDED - 2 PACK**  
Supplied in hangable  
resealable packs



Industrial		Medium grit
BULK 20 PACK	CARDED 2 PCE	
GNWHPGN	CGNWHPGN	

**BULK - 20 PACK**  
Supplied wrapped

**CARDED - 2 PACK**  
Supplied in hangable  
resealable packs



Premium		Aluminium oxide grit for precision surface conditioning
BULK 20 PACK	CARDED 2 PCE	
GNWHPM	CGNWHPM	

**BULK - 20 PACK**  
Supplied wrapped

**CARDED - 2 PACK**  
Supplied in hangable  
resealable packs



## Flat Sanding Pads



Ideal for the Automotive Industry: Cleaning, polishing, finishing, timber finishing, paint and rust removal

Size: 115 x 140mm

- Unique foam formula
- Moulds easily to surface contours
- Outperforms sandpaper
- Crease resistant, non-cracking
- Use wet or dry



BULK		
GRIT	Thickness mm	BULK 20 PACK
Fine	5	GSP22-F
Medium	5	GSP22-M
Super Fine	5	GSP22-SF
Ultra Fine	5	GSP22-UF

**BULK - 20 PACKS**  
Supplied in display boxes



## Flexi-Foam Sanding Blocks



Ideal for Plastering: Cleaning, polishing, finishing, timber finishing, paint and rust removal

Size: 70 x 110 x 25mm

- Dual grits for a wider range of applications and faster work
- Flexible and easy to hold
- Finer finish than conventional sand paper
- Outperforms sandpaper
- Washable and can be reused, giving greater product life.
- Rinse and reuse



BULK			
GRIT	Edge Shape	BULK 12 PACK	BULK 24 PACK
Fine / Medium	Square	GSB20-FM	
	Angled	GSB21-FM	
Medium / Coarse	Square	GSB20-MC	

Square Edge Block Shape

Angled edge Block Shape for sanding into internal corners



**BULK 12 & 24 PACKS**  
Supplied in display boxes with individual products branded and barcoded



## Backing Pads for Resin Fibre Discs

Ribbed backing pad design for air cooled grinding

**Ideal for:** High temperature applications including edge and rough metal grinding

- Ribbed shape creates a self containing cooling system, reducing heat - extending the life of the attached fibre disc
- Made from high quality tough and flexible polyamide



All Backing Pads include lock nut

### Backing Pads *includes lock nut*

Ø mm	BULK 1 PCE	CARDED 1 PCE	Max. RPM
100	GBP100	CGBP100	15,300
115	GBP115	CGBP115	13,300
125	GBP125	CGBP125	12,250
178	GBP178		8,500



**BULK - 1 PCE**  
Supplied wrapped

**CARDED - 1 PCE**  
Supplied in hangable resealable packs

### Lock Nuts

Screws directly onto grinder to hold the disc safely



**Code: GBPN1** Suits 100mm Backing Pad

**Code: GBPN2** Suits 115 - 178mm Backing Pads

## R Type Quick Change Holders

**Compatible with:** all R Type Quick Change Discs

- Shank diameter: 1/4"
- Precision cast rubber backing



### R Type Holders

Ø mm	BULK 1 PCE	CARDED 1 PCE	Max. RPM
35	GRH35		25,000
50	GRH50	CGRH50	25,000
75	GRH75	CGRH75	20,000



**BULK - 1 PCE**  
Supplied wrapped

**CARDED - 1 PCE**  
Supplied in hangable resealable packs

# 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 work-piece 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

## 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.



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