

Fibre discs



- Resin fibre discs
- Semiflexible discs



BACKINGS

Vulcanized fibre thickness 0,8mm

The vulcanized fibre is made by a multilayer cellulose. It is a strong backing suitable for the production of resin fibre discs to be used on portable grinders.

BONDINGS

Phenolic resins are used to secure the abrasive grits to the backing. Resins are thermosetting and therefore highly resistant to mechanical stress typical of grinding and finishing applications.

ABRASIVES

- | | |
|--------------------------|--|
| ALUMINIUM OXIDE: | <ul style="list-style-type: none"> • Multipurpose abrasive mineral for a wide range of applications, suitable on ferrous and non ferrous-metals, wood and leather. |
| ZIRCONIUM OXIDE: | <ul style="list-style-type: none"> • Very aggressive at high working pressure; suitable on carbon steel, stainless steel, aluminium, titanium. Cool grind. Auto-dress power. |
| CERAMIC ABRASIVE: | <ul style="list-style-type: none"> • Microcrystal structure, auto-dress power at high working pressure. High stock removal suitable on: high tensile and special materials, forged metals, sintered alloys, cast iron, aluminium. |
| SILICON CARBIDE: | <ul style="list-style-type: none"> • Very sharp and hard, suitable on non-ferrous metals, plastic materials, glass, marbles and stones. |

BORES LEGEND

- + : cross bore
 O : round bore

Reference (<0,1 % Fe, S, Cl) identifies products which are free of iron oxide, sulphur and chlorine, avoiding oxidation of the worked piece.

VULCANIZED FIBRE DISCS

TECHNICAL SPECIFICATIONS AND APPLICATIONS



DA81 ALUMINIUM OXIDE FIBRE DISCS

Technical specifications:

Backing: Vulcanized fibre thickness 0,8mm
Bonding: resin over resin
Abrasive: aluminium oxide
Grits: 120-100-80-60-50-36-24-16

Applications:

Multipurpose fibre discs for any steel work, grinding applications on car body.

DZ73 ZIRCONIUM OXIDE FIBRE DISCS

Technical specifications:

Backing: Vulcanized fibre thickness 0,8mm
Bonding: resin over resin
Abrasive: zirconium oxide
Grits: 80-60-50-36-24

Applications:

Excellent grinding performances are achievable with these discs. The zirconium mineral ensures an high stock removal rate and cool grinding operations even with high working pressures. DZ73 discs are ideal for professional applications on carbon steel and aluminium.

DG67TOP CERAMIC ABRASIVE FIBRE DISCS WITH TOP SIZE COAT

Technical specifications:

Backing: Vulcanized fibre thickness 0,8mm
Bonding: resin over resin + Top size coat
Abrasive: ceramic abrasive
Grits: 120-100-80-60-50-36

Applications:

Top performance fibre disc ideal for heavy duty applications on stainless steel, exotic metals, forged metals, cast iron and aluminium.

DC82 SILICON CARBIDE FIBRE DISCS

Technical specifications:

Backing: Vulcanized fibre thickness 0,8mm
Bonding: resin over resin
Abrasive: silicon carbide
Grits: 400-320-280-220-180-150-120-100-80-60-50-36-24-16

Applications:

Fibre disc suitable for applications on marbles, stones, glass, non-ferrous metals and plastic materials.

METAL RANGE



Multipurpose fibre discs for any steel work, grinding applications on car body.
To be mounted on portable grinder with suitable backing pad and locking nut.

ALUMINIUM OXIDE DISCS item **DA81T**

Diameter mm	Bore mm	List Price per Disc								Packing	Max rpm
		120	100	80	60	50	36	24	16		
115	22 +	0,73	0,73	0,73	0,74	0,79	0,81	0,84	100	13200	
125	22 +	0,84	0,84	0,84	0,85	0,86	0,93	0,95	100	12000	
180	22 +	1,43	1,43	1,43	1,47	1,51	1,59	1,63	1,70	8500	

ZIRCONIUM RANGE



Excellent grinding performances are achievable with these discs. DZ73 discs are suitable for any application on mild steel and aluminium.
To be mounted on portable grinder with suitable backing pad and locking nut.

ZIRCONIUM OXIDE DISCS item **DZ73T** (< 0,1% Fe, S, Cl)

Diameter mm	Bore mm	List Price per Disc					Packing	Max rpm
		80	60	50	36	24		
115	22 +	0,82	0,85	0,89	0,96	0,99	100	13200
125	22 +	0,93	0,96	1,02	1,09	1,10	100	12000
180	22 +	1,58	1,62	1,71	1,84	1,87	100	8500

FIBRE DISCS

CERAMIC TOP RANGE

Superior quality disc designed for heavy duty applications on stainless steel, sintered alloys and aluminium. Top coat ensures aggressive stock removal and an always cool grinding.

Recommended to be mounted with **TURBO** backing pad on powerful portable grinders >1000 watt.



CERAMIC ABRASIVE DISCS WITH TOP SIZE COAT

item **DG67TOP**

(< 0,1% Fe, S, Cl)

Diameter mm	Bore mm	List Price per disc								Packing	Max rpm
		120	100	80	60	50	36	24			
115	22 +	1,01	1,01	1,06	1,13	1,21	1,41	1,41	100	13200	
125	22 +	1,13	1,13	1,19	1,28	1,39	1,60	1,60	100	12000	
180	22 O	2,13	2,13	2,24	2,42	2,61	3,04	3,04	100	8500	

MARBLE RANGE

Fibre disc suitable for applications on marbles, stones, plastic, fibreglass and building materials, etc.

To be mounted on portable grinder with suitable backing pad and locking nut.



SILICON CARBIDE DISCS

item **DC82**

Diameter mm	Bore mm	List Price per disc														Packing	Max rpm
		400	320	280	220	180	150	120	100	80	60	50	36	24	16		
115	22 +		0,77		0,77	0,77	0,77	0,77		0,77	0,79		0,84	0,88		100	13200
125	22 +		0,87		0,87	0,87	0,87	0,87		0,87	0,88		0,94	0,98		100	12000
180	22 O	1,47	1,47	1,47	1,47	1,47	1,47	1,47	1,47	1,47	1,49	1,52	1,60	1,66	1,76	100	8500

BACKING PADS AND LOCKING NUTS

Item	Description	List Price Each	Packing	Suitable for Discs Ø mm
KS22B	pad ø 104 mm	6,68	1	115
KA2	nut M14	4,94	1	115
KS23B	pad ø 116 mm	8,38	1	125
KA1	nut M14	4,94	1	125
KS24B	pad ø 171 mm	15,74	1	180
KA1	nut M14	4,94	1	180
KS28 TURBO	pad ø 107 mm	14,53	1	115
KA3	nut M14	9,09	1	115
KS29 TURBO	pad ø 117 mm	17,30	1	125
KA3	nut M14	9,09	1	125
KS30 TURBO	pad ø 172 mm	28,98	1	180
KA1	nut M14	4,94	1	180

TURBO: Pads suitable for heavy duty applications in coarse grits with discs DZ73T and DG67TOP

FIBRE DISCS HOLDER



Indispensable accessory for a proper fibre discs stocking in order to prevent any possible deformation. Suitable for all diameters.

Item	List Price Each	Suitable for Items
SDF21	16,92	DA81 - DZ73 - DG67TOP - DC82

SEMIFLEXIBLE DISCS

SILICON CARBIDE SEMIFLEXIBLE DISCS – GRITS

Item	Grits					
	120	80	60	36	24	16
DSF115		●	●	●	●	●
DSF125		●	●	●	●	●
DSF180	●	●	●	●	●	●

Silicon Carbide semiflexible discs are suitable for applications on marbles, stones, concrete and building materials. The special shape of these discs prevents clogging phenomena and ensures a low heat generation.



SILICON CARBIDE SEMIFLEXIBLE DISCS

Item	Diameter mm	Bore mm	List Price Each	Packing	Max RPM
DSF115	115	22	3,48	25	13200
DSF125	125	22	3,80	25	12000
DSF180	180	22	4,57	25	8500

BACKING PADS AND LOCKING NUTS

Item	Description	List Price Each	Packing	Suitable for Discs Ø mm
KS25	pad ø 115 mm	3,95	1	115
KA1	nut M14	4,94	1	115
KS26	pad ø 125 mm	3,95	1	125
KA1	nut M14	4,94	1	125
KS27	pad ø 174 mm	4,43	1	180
KA1	nut M14	4,94	1	180

