

DESIGN
MANUFACTURE
SUPPLY

WORLDWIDE DIAMOND
TOOLING SOLUTIONS



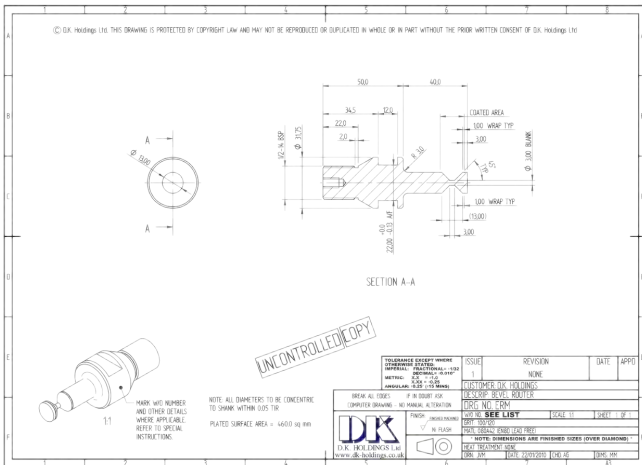
DESIGN, MANUFACTURE & SUPPLY SERVICE WITH AN EMPHASIS ON QUALITY.

We offer a bespoke product service manufacturing to your specific requirements

You supply a rough sketch



We supply a technical drawing



You approve and order

We Manufacture



We export worldwide

CLEAR ENGINEERING AT ITS BEST!

INTRODUCTION

THE COMPANY

D.K. Holdings Limited has been manufacturing diamond tools and associated products since 1959. We have developed a unique expertise in producing and supplying diamond tools specifically for the glass industry.

ISO 9001 QUALITY STANDARD

Our products are made to the highest quality standards. We are accredited with the approved quality management system BS EN ISO 9001 : 2015 for manufacture and supply of our products.

DIAMOND TOOLS

Electroplated, electroformed, metal bonded and resin bonded diamond tools are used on various materials because of very fast clean cutting, long life, versatility of design and relatively low cost.

REPLATE & REDRESS SERVICE

We are able to replate and/or redress at very competitive prices many products of our own manufacture and also of other manufacturers. This service will improve the performance of the tools and saves money.

STOCK & SPECIAL TOOLS

A large range of the most popular products are held in stock at our Staplehurst factory for immediate despatch. Special tools can be designed and manufactured to meet your specific requirements on a relatively short lead time.

Our Technical Department can test and advise on the best tooling required for special materials.

VISIT OUR FACTORY

We are happy to invite you to visit our UK factory located opposite Staplehurst Railway Station, which is on the main railway line just 60 minutes from London's Charing Cross Station.

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INFORMATION

The information in this catalogue is given as a guide only and we reserve the right to alter, amend and delete prices, specifications and product availability without prior notice.



flexible belts



drills



hand pads



flexible sheets



blades



hand machines

PRODUCT INDEX

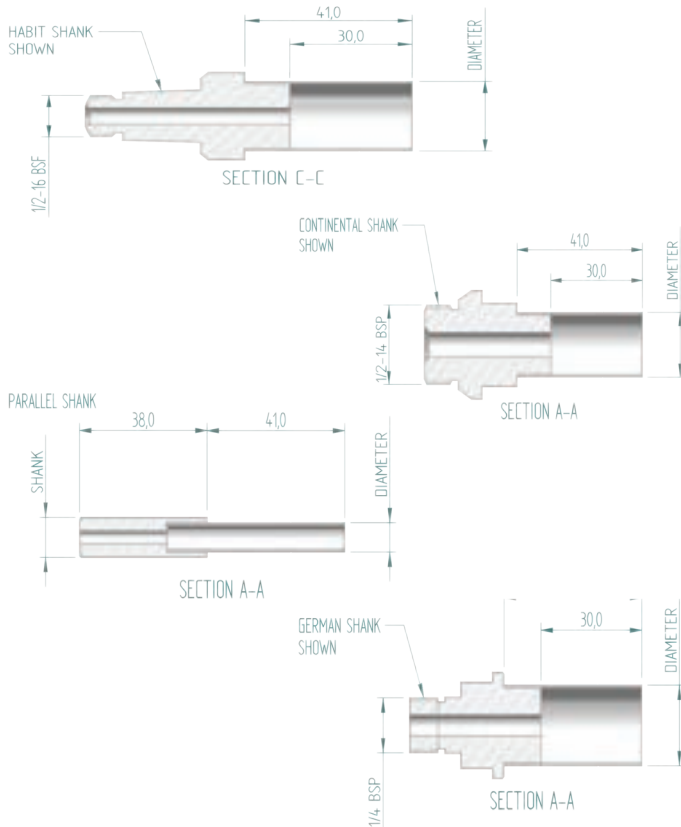
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ELECTROFORMED DIAMOND DRILLS

The unique electroformed diamond drill manufactured by DK has a tremendous number of advantages over other types of glass drills. The main one being a thin wall tube which allows glass to be cut quickly leaving a good clean hole. A minimum amount of chipping is achieved. The diamond impregnation of a standard and thick wall drill is 12mm and provided the drill is used correctly, will cut a large number of holes and give very good life. Special sizes can be manufactured to specific customer requirements with a range of various fittings.

STANDARD SHANK PATTERNS



SHORT IMPREGNATION

A cost-effective diamond drill with a diamond impregnation of 6 mm, at 35% less than standard length drills.

OPTIONS:

Diameters: Available in sizes from 51 mm



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STANDARD WALL

Designed with a wall thickness of 0.6 mm enables holes to be drilled quickly, cleanly and economically in plate glass and similar materials.

OPTIONS:

Diameters: Available in diameters from 3mm

NOTE:

Top and bottom drills can be supplied for double drilling machines.



THICK WALL

Similar to the Standard Wall Drill but has a wall thickness of 0.9 mm which is required when the conditions need a stronger and more robust drill.

OPTIONS:

Diameters: Available in diameters from 4 mm



Most drill sizes can be manufactured to accommodate the majority of customer requirements. Above drills are made to tolerance $\pm 0.005''$ (.127 mm). If tighter tolerances are required please contact us.

NOTE:

- When ordering please specify -
- 1) Diameter — internal or external
 - 2) Type of Shank
 - 3) Effective drilling depth if other than standard
 - 4) Tolerances

DRILL/COUNTERSINKS

SINTER + GLASS DRILLS AND COUNTERSINKS

A range of professional glass drills that are designed for large scale processing of glass giving a fast and economical cut, available with countersinks on all sizes.

These drills can also be used on Solar, Automotive and Ceramic applications.

OPTIONS:

Diameters available from 5mm to 50mm



COUNTERSINKS

Diamond Countersinks provide a fast countersinking operation. Drill Countersinks are also available and allow a hole to be drilled and countersunk in one operation. Both types of these tools are manufactured with various fittings to sizes specified by customers.

OPTIONS:

Available with following shanks

Parallel Solid Shank

Parallel Drilled for Coolant

Continental Shaw or Habit Shank



NOTES: When ordering please specify -

- 1) Type of Shank
- 2) Drilled for coolant or plain

Drill Countersinks are also available, please contact us for further information

TAPER REAMERS / KEY TOOLS

DIAMOND TAPER REAMERS

DK Holdings Diamond Taper Reamers have been engineered for grinding all sizes of tapered joints for a variety of glass types, such as scientific glass. The innovative range provides a rapid method of rough and finish grinding with an unsurpassed level of accuracy. The reversed spiral imparts an unscrewing action whilst grinding, which prevents the tool from jamming and the joint from shattering. The diamond taper reamers are designed for use on both soda and scientific glassware.

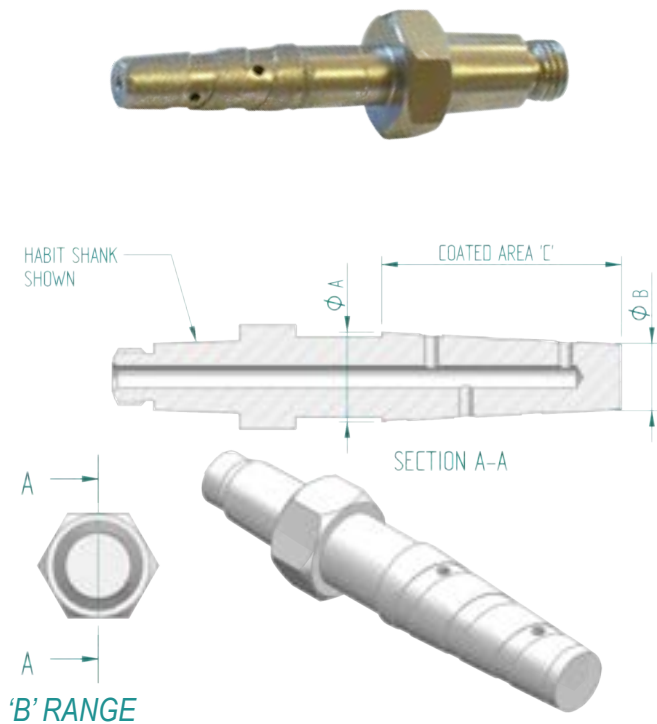
Two types of reamers, B and GP range, are available. Special sizes can be supplied.

OPTIONS:

Available as standard tool range B No. 7, 10, 12, 14, 16, 19, 24, 29 & 34 or as standard tool range GP No. 2, 3, 4, 5, 6, 2A, 3A, 4A, 5A & 6A. Special sizes can be supplied.

B RANGE

When ordering please specify Type and dimensions required



GP RANGE

When ordering please specify Type and dimensions required.

Type: GP - Dimensions A, B & L required.



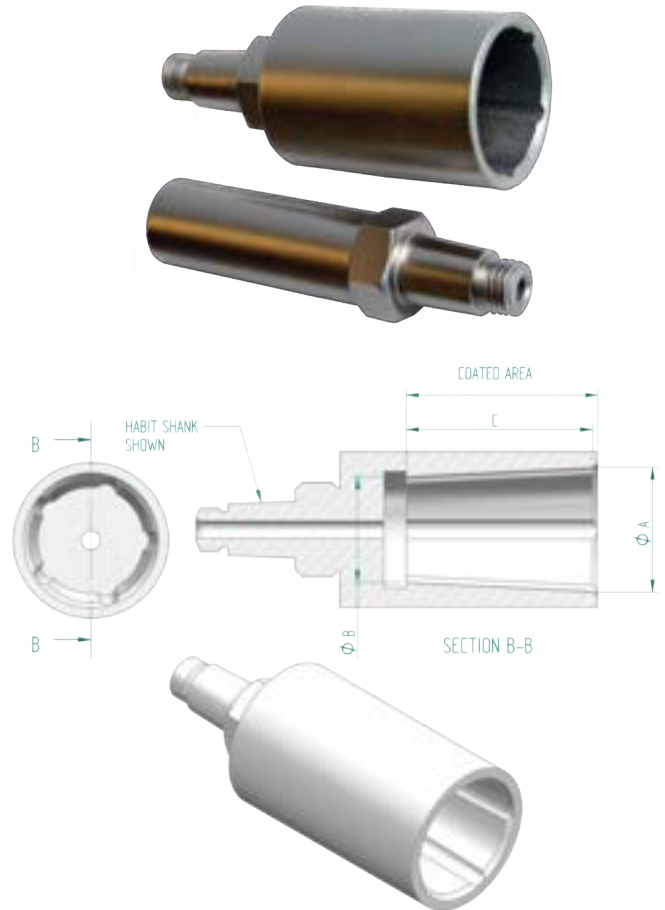
KEY TOOLS

Key tools have been designed for fast grinding of stop-cock keys and male conical joints.

OPTIONS:

Available in tool no. B19, B24, B29 & B34 as standard, other sizes available on request.

NOTE: When ordering please specify Tool No., Dimensions A, B & C and the type of shank required.



WATER CHUCKS



TYPE 'A'



TYPE 'B'

WATER CHUCKS

DK Water Chucks allow diamond Drills, Tapered Reamers and Countersinks to work at their optimum performance by providing a constant coolant pressure to the centre of the diamond tool. The chucks fit directly and securely onto the machine spindle. Just remove the machine three jaw chuck where applicable (sometimes referred to as a Jacobs chuck or drill chuck) and fit the DK water chuck in its place.

OPTIONS:

TYPE 'A' CHUCK — Clamps directly onto the quill of the drilling machine.

When ordering please specify:

1. The diameter of the machine quill.
2. The machine spindle fitting. (For example this could be a morse taper (size 1, 2 or 3 etc) as illustrated in our catalogue or other standard fitting.)
3. The diamond tool fitting (Habit or Continental for example).

TYPE 'B' CHUCK — For use on drilling machines or automatic drilling machines where space is restricted.

When ordering please specify:

1. The machine spindle fitting. (For example this could be a morse taper (size 1, 2 or 3 etc) as illustrated in our catalogue or perhaps a Jacobs taper J6 or J33 etc., sometimes marked on the machine three jaw chuck.)
2. The diamond tool fitting (Habit or Continental for example).

NOTE: These water chucks cannot be supplied with a parallel diamond tool fitting.



FLEXIBLE INTRODUCTION

ELECTROFLEX DIAMOND PRODUCTS

DK 's flexible material has been developed by our engineers to combine the long life and aggressive cutting action of diamonds with a backing material which has strength and flexibility. This enables diamond tools in various shapes to quickly and economically grind and polish a wide range of materials which includes glass. Electroflex/Electroplus can be supplied for grinding/polishing glass usually in four different diamond grades: Green (M) 60 grit, Black (M) 120 grit, Red (M) 200 grit, Electroflex Yellow (M) 400 grit and Electroplus Yellow (M) 800 grit. Each of these grades are colour coded for easy identification. Various backings are available, these include: QRS (hook and loop quick release system), Self Adhesive, Rubber Backed (to give a cushion cut) and Canvas or Polybacker for belts. All flexible products have been designed to be used wet to achieve the maximum performance, finish and life.

ELECTROFLEX

METAL (M)

RESIN (R)



GREEN
GRIT M60
250µ

BLACK
GRIT M120
125µ

RED
GRIT 200
74µ

GOLD
GRIT M300
64µ

YELLOW
GRIT M400
40-50µ

WHITE
GRIT R800
20-30µ

BLUE
GRIT R1800
6-12µ

ORANGE
GRIT R12000
1-3µ



FLEXIBLE BELTS

ELECTROFLEX BELTS

DK's belts are being used extensively in wet grinding applications and have a very aggressive cutting action which is maintained throughout the long life of the belt. Most sizes are available for many glass applications for use on hand or automatic machines. A very strong polyfibre backing material allows

the belts to be manufactured with a superior joint for extra strength and smooth running.

Electroflex belts can produce a honed or semi polished finish as required.

Advantages are consistent finish, increased productivity and reductions in downtime and abrasive costs.



GLASS BELTS

Diamond belts developed for glass abrading applications. Most sizes stocked to fit popular Hand, Cross Belt and Robotic machines.

MOST POPULAR SIZES AVAILABLE

Although we can, manufacture lengths and widths to customer requirements. If the size you require is not listed please contact us.

533 Long x 30mm Wide
1180 Long x 80mm Wide
1830 Long x 100mm Wide
3350 Long x 100mm Wide

OPTIONS:

Metal Grades	60 - 400 grit
Resin Grades	800 - 12000 grit

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FLEXIBLE BELTS

EXPANDING RUBBER DRUM BELTS

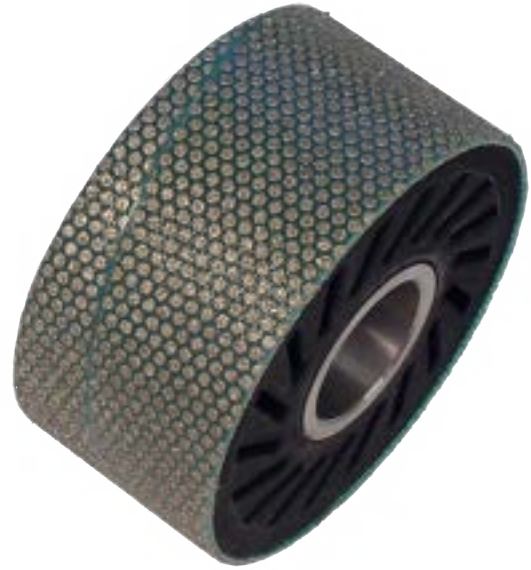
Suitable for wet grinding, shaping and polishing internal cutouts and flat edges. For use on hand held or stationary machines.

NOTE: Dry belts available on request.

OPTIONS:

Diameters 75, 100, 150 & 200 mm
Widths 38, 40, 50 & 65mm

Metal Grades 60 - 400 grit
Resin Grades 800 - 12000 grit



NARROW POLISHING BELTS

Suitable for dry grinding, deburring and polishing internal cutouts and difficult to reach areas.

OPTIONS:

Length 305 - 610 mm
Width 8 - 13 mm

Metal Grades 60 - 400 grit
Resin Grades 800 - 12000 grit

NOTE: Other sizes available on request.



EXPANDING RUBBER MANDREL FLEXIBLE DIAMOND BANDS

Designed for light grinding, shaping and polishing applications on contoured and hard to reach areas.

NOTE: Dry bands are available on request.

OPTIONS:

Diameters 10, 15, 22, 25, 30, 45 & 50 mm

Metal Grades 60 - 400 grit
Resin Grades 800 - 12000 grit



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FLEXIBLE FILES / DRUMS

ELECTROFLEX HAND FILES

HAND FILES

General purpose files, used wet in grades Black M120, Red M200, Yellow M400 and White M800. Supplied individually or in a wallet set of 4 different profiles.

OPTIONS:

Metal Grades M120 - M800 grit



VANITY DRUMS

Electroflex drums with M14 fitting and central waterfeed for wet grinding and polishing internal cutouts in glass.



OPTIONS:

Diameters 50 & 75 mm

Metal Grades 60 - 400 grit

Resin Grades 800 - 12000 grit

M14 DRUM ADAPTORS

Drum adaptors for (1/2" BSP) Continental to M14 fitting for use with Ø50mm and Ø75mm flexible vanity drums.



Technical Specification: Page 24

FLEXIBLE HAND PADS

ELECTROFLEX HAND PADS

For wet grinding and polishing the edges and surfaces of a wide range of materials including glass.

All hand pads have colour coded foam backing for easy grade identification and are available in the following options:-

FLAT 90 x 55 mm
CUSHIONED 90 x 55 & 100 x 55 mm

METAL GRADES 60 - 400 grit
RESIN GRADES 800 - 12000 grit

Recommended sequence: Green (M), Black (M), Red (M), Gold (M), Yellow (M), White (R), Blue (R) & Orange (R).



FLAT ELECTROFLEX HAND PAD

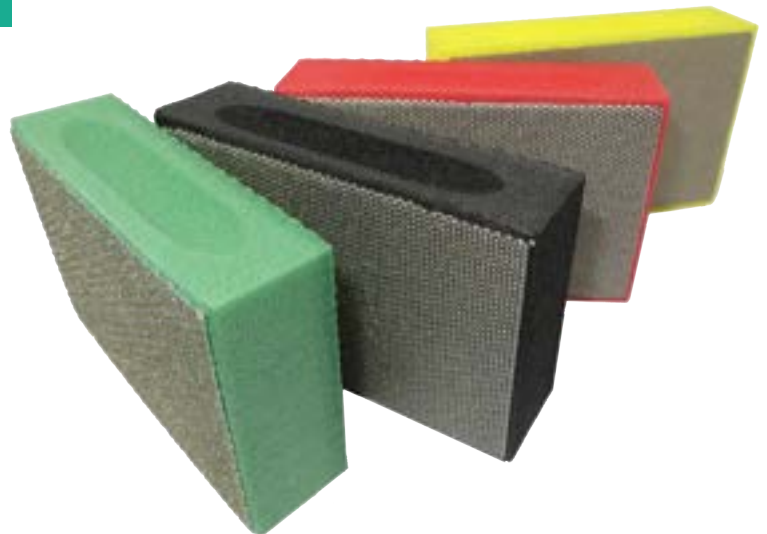
Economy hand pads for wet grinding and polishing the edges of glass.
Colour coded foam backing for easy grade identification.

OPTIONS:

Size 90 x 55 mm

Metal Grades 60 - 400 grit

Resin Grades 800 - 12000 grit



FLEXIBLE HAND PADS



CUSHIONED ELECTROFLEX HAND PADS

Superior foam backing for more comfortable grip. Suitable for wet grinding and polishing the edges of glass. Colour coded foam backing for easy grade identification.

OPTIONS:

Size 90 x 55 mm & 100 x 55 mm

Metal Grades 60 - 400 grit

Resin Grades 800 - 12000 grit

GLASSFLEX HAND PADS

Diamond graded, colour coded hand pads, made with a special re-inforced layer between the diamond sheet and foam pad. Designed specifically for grinding and smoothing the edges of glass.

OPTIONS:

Size 90 x 55 mm & 100 x 55 mm

Metal Grades 60 - 400 grit

FEIN TRIANGLE & ORBITAL SANDER PADS

Electroflex flexible pads are used for removing sharp edges, arrising and bevelling. They have a quick release backing (QRS) for rapid change of pad.

OPTIONS:

Fein Triangle QRS pads to fit Fein Multimaster machine

Orbital Sander QRS pads 210 x 115mm or 170 x 90mm

Metal Grades 60 - 400 grit

Resin Grades 800 - 12000 grit

Electroflex pads are available in other grades and sizes with or without water holes.

FLEXIBLE SHEETS

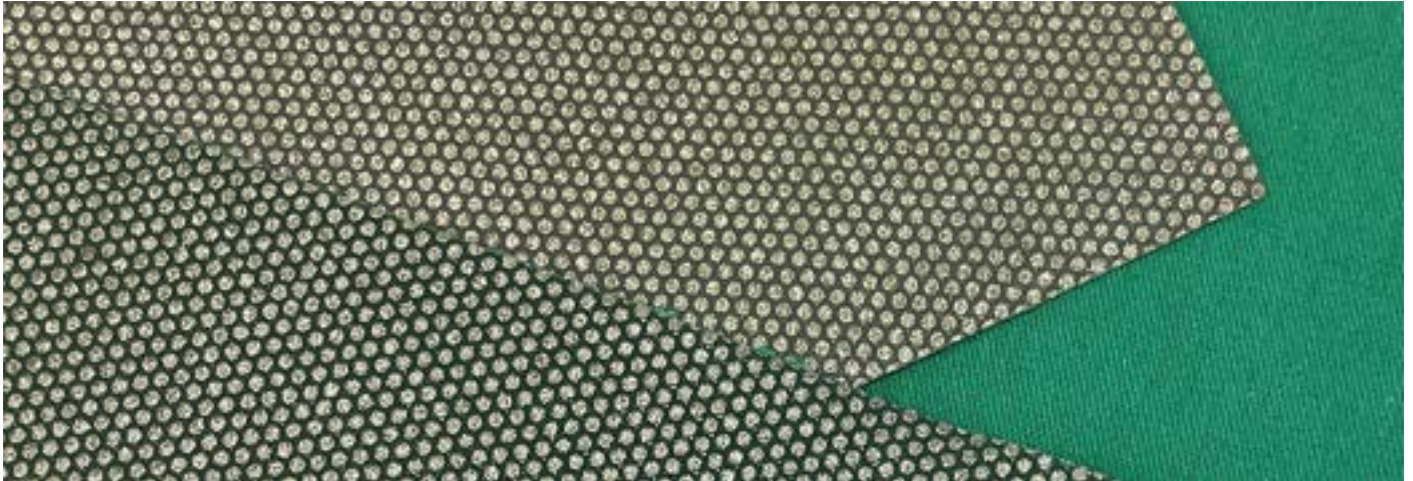
ELECTROFLEX SHEETS

Flexible material can be supplied in sheets of various sizes and backings, which can be easily cut with scissors to make customised tooling.

OPTIONS:

Metal Grades (M) 60 - 400 grit
Resin Grades (R) 800 - 12000 grit

Maximum Sheet Dimensions 850 x 290 mm



ELECTROFLEX GRADES

Recommended Sequence: Green, Black, Red, Gold, Yellow, White, Blue & Orange



GREEN (M)
GRIT 60
250µ

BLACK (M)
GRIT 120
125µ

RED (M)
GRIT 200
74µ

GOLD (M)
GRIT M300
64µ

YELLOW (M)
GRIT M400
40-50µ

WHITE (R)
GRIT R800
20-30µ

BLUE (R)
GRIT R1800
6-12µ

ORANGE (R)
GRIT R12000
1-3µ

SHEET BACKINGS

QRS
(Quick Release System)



SELF ADHESIVE
(S/A)



MAGNETIC



UNBACKED
(Canvas)



PLASTAZOTE
(Foam Rubber)



ELECTROFLEX SHEETS

Flexible diamond sheets for hand working glass. Colour coded for easy grade identification.

OPTIONS:

Metal Grades 60 - 400 grit
Resin Grades 800 - 12000 grit

NOTE:

Popular sizes 100 x 55mm, 100 x 100mm and 200 x 100mm.
Other sizes, grades and backings available on request.

FLEXIBLE DISCS

ELECTROFLEX DISCS

Electroflex discs are suitable for wet polishing glass. All sizes available with various fittings for hand and stationary machines.

OPTIONS:

Metal Grades up to 600mm diameter without join (except 60 grit).
Resin Grades up to 300mm diameter without join.

Metal Grades 60 - 400 grit
Resin Grades 800 - 12000 grit



ELECTROFLEX GRADES

Recommended Sequence: Green, Black, Red, Gold, Yellow, White, Blue & Orange



GREEN (M)
GRIT 60
250 μ

BLACK (M)
GRIT 120
125 μ

RED (M)
GRIT 200
74 μ

GOLD (M)
GRIT M300
64 μ

YELLOW (M)
GRIT M400
40-50 μ

WHITE (R)
GRIT R800
20-30 μ

BLUE (R)
GRIT R1800
6-12 μ

ORANGE (R)
GRIT R12000
1-3 μ

DISC BACKINGS

QRS
(Quick Release System)



SELF ADHESIVE
(S/A)



MAGNETIC



UNBACKED
(Canvas)



PLASTAZOTE
(Foam Rubber)



FLEXIBLE DISCS

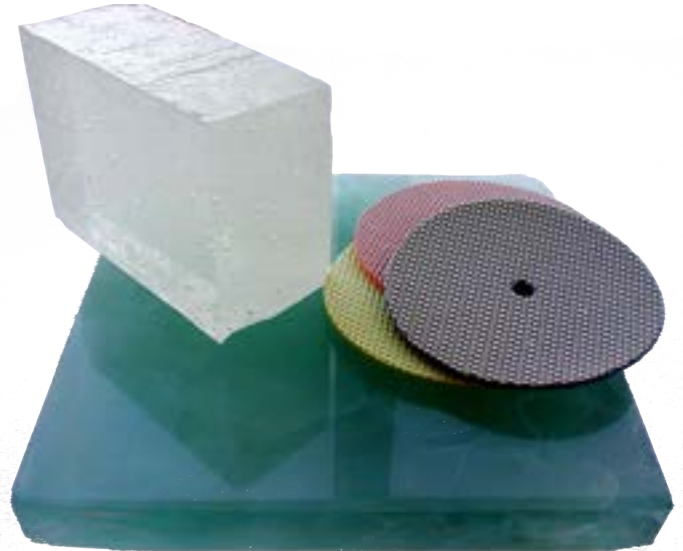
ELECTROFLEX GPS

The Electroflex GPS flexible diamond QRS backed discs have been developed to achieve a high gloss finish when polishing glass. The finish is improved with every grade and the final result only requires working with a felt and Cerium Powder.

Ø25mm & Ø50mm DIAMOND GLASS POLISHING SYSTEMS



Repairs to Glass and Art Glass items come in a variety of sizes and DK's Electroflex GPS system does too! The system comprises seven grades which are colour coded with QRS looped backing and are provided in 100mm, 50mm and 25mm diameters.



Ø100mm SPECIAL DIAMOND RESIN BOND DISCS

QRS BACKING DISCS (VELCRO™)

Quick release Electroflex discs for grinding glass. Colour coded for easy grade identification.

OPTIONS:

Popular diameters 75mm, 100mm, 115mm, 125mm and 150mm with or without bore.

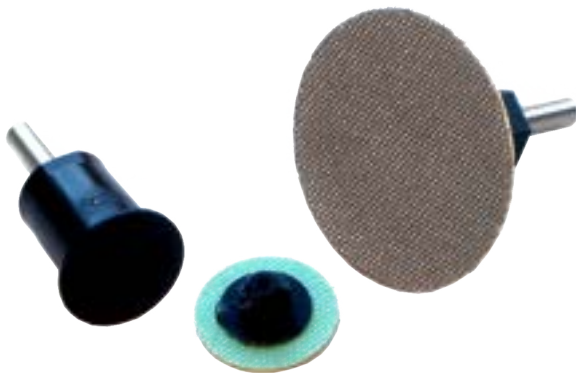
Metal Grades	M60 - M400 grit
Resin Grades	R800 - R12000 grit

NOTE: Dry discs and other sizes, grades are available on request.



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FLEXIBLE DISCS



SELF ADHESIVE (S/A) BACKING DISCS

Self adhesive flat lapping discs for grinding glass. Colour coded for easy grade identification.

OPTIONS:

Sizes: Metal up to 600mm diameter without join (except 60 grit)
Resin up to 300mm diameter without join

Grades Metal M60 - M400 grit.
Resin R800 - R12000 grit.

MAGNETIC BACKING DISCS

Quick release magnetic flat lapping discs for grinding glass. Colour coded for easy grade identification.

OPTIONS:

Sizes: Metal up to 600mm diameter without join (except 60 grit)
Resin up to 300mm diameter without join

Grades Metal M60 - M400 grit.
Resin R800 - R12000

UNBACKED (CANVAS) DISCS

Unbacked (canvas) flat lapping discs for grinding glass. Colour coded for easy grade identification.

OPTIONS:

Sizes: Metal up to 600mm diameter without join (except 60 grit)
Resin up to 300mm diameter without join

Grades Metal M60 - M400 grit.
Resin R800 - R12000

D-LOC DISCS

Quick release discs for grinding applications on glass. Colour coded for easy grade identification.

OPTIONS:

Diameter 25, 50 & 75 mm

Metal Grades M60 - M400 grit
Resin Grades R800 - R12000 grit

NOTE:

Dry Discs, other sizes and grades are available on request.

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RESIN WHEELS

The continuous improvement of resins used in diamond resin bonded wheels now allows them to be used very successfully in the Glass Industry. Applications include arrising the edges of glass sheets achieving a smooth or polished finish.

DK also manufacture special resin wheels for crystal glass grinding and polishing.

Due to the fact that diamond resin bonded wheels are priced very competitively compared to metal bonded wheels, considerable savings can be achieved in many applications.

Dimensions up to 600mm diameter



PUMA FLEXIBLE RESIN DISCS

A good performing flexible diamond resin disc which quickly grinds and polishes harder type plate glass achieving a good finish.

Size Ø100mm
Grades 50 - 3000, Green Buff



DIA-SOL RESIN DISCS

A premium range of solid discs have been designed to be used wet and are made for fast grinding, arrising and semi-polishing the edges of glass. The resin bond has diamond throughout its depth giving extremely long life. For use with the Q-6R or Flex Machines.

Diameter: 100 mm
Grades: 60 - 10000
Fitting: M14

NOTE:

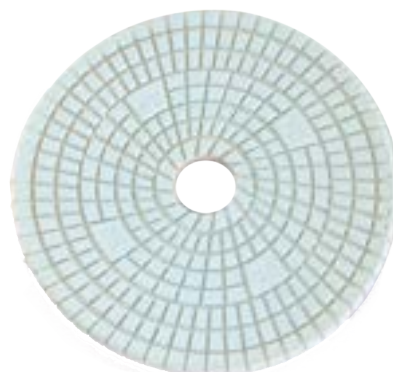
M14 Shoulder Adaptors are available, M14 to M14 or M16 to M14.



DIA-GEM FLEXIBLE QRS DISCS

Flexible resin discs for use on softer type lead based glass. Colour coded by QRS backings for easy grade identification. For wet use.

Size Ø80 & Ø100 mm
Grades: 60 - 12000



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METAL BOND

METAL BOND TOOLS FOR GLASS

Metallic Bonds are formed from a combination of various metal powders such as Cobalt, Copper, Brass, Tin and Nickel.

Metal bond diamond wheels and tools are recognised for their excellent form holding capabilities and high wear resistance, and are ideally suited for use on architectural, automotive, decorative, flat, float and plate type glass where longer life and high productivity is required.

DK manufactures a wide range of metal bond tooling including wheels, parallel routers as well as radiused, angled routers, and countersinks which can be used in conjunction with our range of electroformed glass drills.

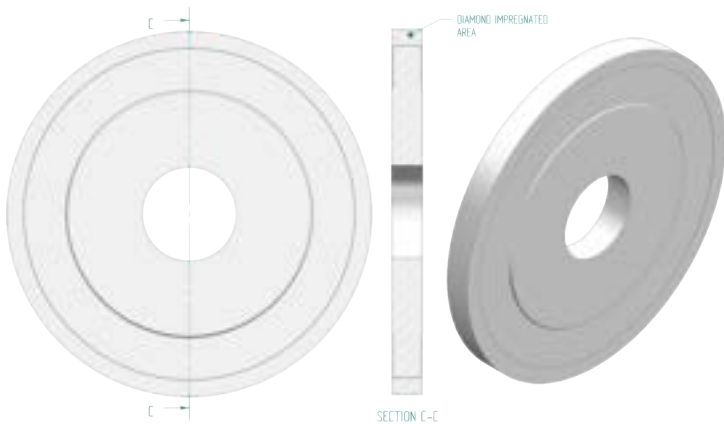


PENCIL EDGE DIAMOND PROFILE WHEELS

A new specification of high performance metal bond wheels manufactured to produce a radius edge on flat glass.

These wheels can be used on hand, straight line and shape edgers, specifically for the thickness of glass being processed.

Various diameters and thickness available to fit the most popular machines.



FLAT PROFILE DIAMOND WHEELS

A diamond wheel with a flat profile available in various diameters and thickness depending on the make of the machine and thickness of glass.



SPLIT V DIAMOND WHEELS

A range of diamond wheels to produce an edge with a split diamond wheel.

The wheels can be supplied to fit most of the popular arassing machines.

METAL BOND GLASS BLADES

The metal bond diamond glass blades are designed for high-speed wet cutting of sheet glass and glass tiles.

Manufactured with a continuous diamond rim and a bond suitable for cutting most glass and hard vitreous materials. These metal bond diamond blades are ideally suited to most portable tile saws and the bore sizes can be altered to suit individual machines.

OPTIONS:

Diameters	80 - 500 mm
Thickness	.8mm - 2mm
Layer Height	5mm, 7.5mm & 10mm

Note: Please specify bore size when ordering.



RESIN BOND GLASS BLADES

For fast clean cutting of Glass tubes, Silica, Quartz and other scientific glassware.

OPTIONS:

Diameters	—	200, 250 & 300 mm
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NOTE:

Various bond specifications available, please enquire.
Please specify bore size required when ordering.



BANDSAW BLADES

DK's electroplated diamond bandsaws are specifically manufactured to cut glass quickly and cleanly with a minimum amount of chipping. These bandsaws are made from high quality steel with the leading edge coated with good quality diamond grit giving a continuous ribbon of aggressive cutting action. Both straight cut and curves can be easily achieved, bearing in mind the tighter the curve required, the narrower width of bandsaw needed. Supplied ready welded to your exact required length.

OPTIONS:

Continuous Coated or Castellated Edge (for thicker material width)	
Blade widths	12, 19 & 25 mm

Grit sizes: Various grit sizes available from 60/85 to 200/240

NOTE:

A tension gauge is available, please contact for further information.

ACCESSORIES



CERIUM POWDER

Polishing finishing enhancer for final polishing and improving reflectivity. Cerium polishing powder is mixed with a little water to form a paste and worked with felt pads at a slow speed.

Available in ½ Kg or 1Kg sizes.



FELT MOP DONUT

Ideal for a perfect finish on glass and are for use after polishing pads when applying Cerium powder.

Available sizes Ø125mm, 50mm thick with M14 fitting.
 Ø180mm, 25mm thick with M14 fitting.



FELT BUFFING PADS

Felt 100mm buffing pads, with M14, Snail-Lock and QRS fittings suitable for use with Cerium Powder.



BACKUP PADS

For use with the small Electroflex GPS discs and we recommend to have one backup pad per grade of disc used.

OPTIONS:

- QRS with soft foam Ø25mm, 3mm shank.
- QRS with soft conical foam Ø50mm, shank 6mm x 30mm long.
- QRS Rigid Ø50mm, shank 6mm x 30mm long.
- QRS with soft conical foam Ø50mm, M14 fixing.
- Shank adaptor M14 to 6mm x 20mm long

For GPS flexible discs see page 26.

EXPANDING RUBBER DRUMS

Suitable for hand held or stationary machines. Available in sizes Ø75mm x 38mm x 25mm bore, Ø100mm x 38mm x 25mm bore and Ø150mm x 38mm x 50mm bore.

NOTE:

For use with Expanding Rubber Drum Belts - see Page 7.
Reducing adaptors are available.

See page 7 for flexible drum belts.



RUBBER DRUM ADAPTOR

Used in conjunction with expanding drums on stationary machines.
Continental (½" BSP) TO 75 / 100mm fitting.



D-LOC MANDREL BACKUP PAD

Quick release backup pads and shaft for D-Loc Discs.

Available in diameters 25mm, 50mm and 75mm.

NOTE:

See page 14 for quick release discs.



EXPANDING RUBBER MANDRELS

For flexible diamond mandrel bands. Sizes available to suit mandrel bands.

NOTE:

The flexible bands can be found on page 6.



ACCESSORIES

CUSHIONED TYPE



RUBBER TYPE



QRS FLAT TYPE

BACKUP PADS

Backing pads for QRS discs.

Available in:

QRS flat type 80mm and 100mm diameters with M14 fitting.

QRS 12mm cushion type 80mm, 100mm and 115mm with M14 fitting.

QRS semi rigid rubber type 75mm, 100mm and 125mm with M14 fitting.

NOTE:

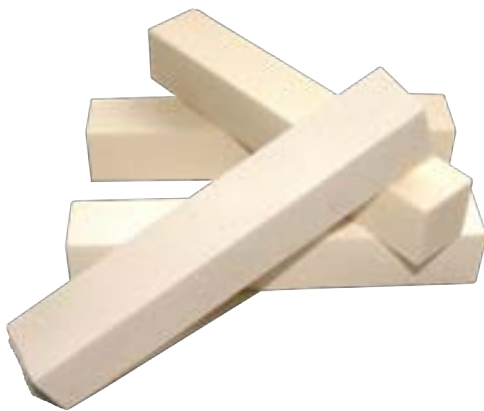
Quick release discs can be found on pages 13, 14 & 15.



OIL MIST LUBRICATOR

For use with Air Machines, complete with filter, regulator, oil mist lubricator and manual drain.

Mini type, 55 cu. ft./min, 1650 litre/min.



ALUMINIUM OXIDE DRESSING STICKS

Dress diamond drills wet with aluminium oxide sticks.

SIZES: 1" x 1" x 6", Grade 120 grit.
1" x 1" x 6", Grade 220 grit.

HAND MACHINES

AIR POWERED MACHINE

AS80 PNEUMATIC WET SAW

The AS80 is a very powerful lightweight machine fitted with a water bottle and an open saw guard, making it portable and easy to use.

Recommended Blade:
Metal Bond Ø80mm x 0.7 x 15mm bore



AS100 ANGLE SAW

The AS100 is a very powerful robust machine developing 1.5HP. Fast cutting, with very effective dust extraction for cutting up to 25mm deep. Can also be used wet.

Supplied with combined saw guard and dust extraction cowl and safety lever throttle.

Recommended Blade
Continuous Rim Ø100mm Metal Bond Saw - Page 17



AS125 ANGLE SAW

The AS125 has the same power and specifications as the AS100. It has been designed to accept larger diameter saws for applications requiring a greater depth of cut and will cut up to 35mm deep. Can also be used wet. Supplied as standard with safety lever throttle.

Additional extras:
Adjustable Sole Plate & Handle also available, please contact for more information.

Recommended Blade
Continuous Rim Ø125mm Metal Bond Saw - Page 17



Technical Specification: Page 25

HAND MACHINES



AIR POWERED MACHINE

QUICK Q-6R PNEUMATIC WET POLISHER

Variable speed grinder with central water feed and rear exhaust. M14 fitting.

NOTE:

Discs can be found on pages 13 - 15 and drums on page 8.



MODEL 2

AIR BELT POLISHER

Diamond belt machine with Locklever for grinding, deburring and polishing difficult to reach areas. With 7° offset and rear exhaust.

Model 1 - Belt size 8-13 x 305mm

Model 2 - Belt size 8-13 x 610mm

NOTE:

Electroflex Narrow Belts can be found on page 7



ELECTRIC MACHINE

FEIN MULTIMASTER MM 700

The Fein MULTIMASTER MM 700 is used for dry polishing or grout removal. Speed variable 10,000 - 19,500.

NOTE:

Fein Triangular Pads - Page 10

Fein Backup Pads available for sanding without dust extraction.



FLEX ANGLE POLISHERS

Powerful electrically driven angle grinders used for removing sharp edges, arrising and bevelling. The Flex produces a smooth and even cut due to the fixed low speed. Three machines available, Wet - speed 3,600 rpm, Wet/Dry variable speed 1200-3,700 rpm and Dry variable speed 1200-3,700 rpm, please contact for further information.

Optional extras available; Spanners, Splashguard and 3mt hose including male couplings.

NOTE:

Discs can be found on pages 13 - 15 and drums on page 8.

Technical Specification: Page 25

STRIP, REPLATE & REDRESS SERVICE

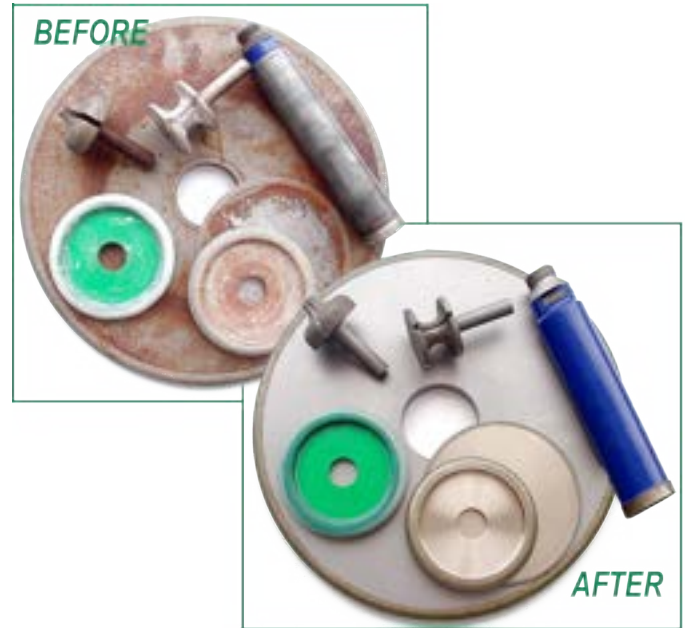
SAVE up to 40% by giving your old tools a new lease of life using DK's STRIP & REPLATE or RE-TIP SERVICE!

STRIP & REPLATE SERVICE AVAILABLE FOR:

- Continuous Rim Blades
- Flute Wheels
- Profile Wheels
- Parallel Routers
- Various Electroplated CNC Tooling

RE-TIP SERVICE AVAILABLE FOR :

- Multicut Core Drills
- Milling Wheels
- Routers (Metal Bond)
- Drums

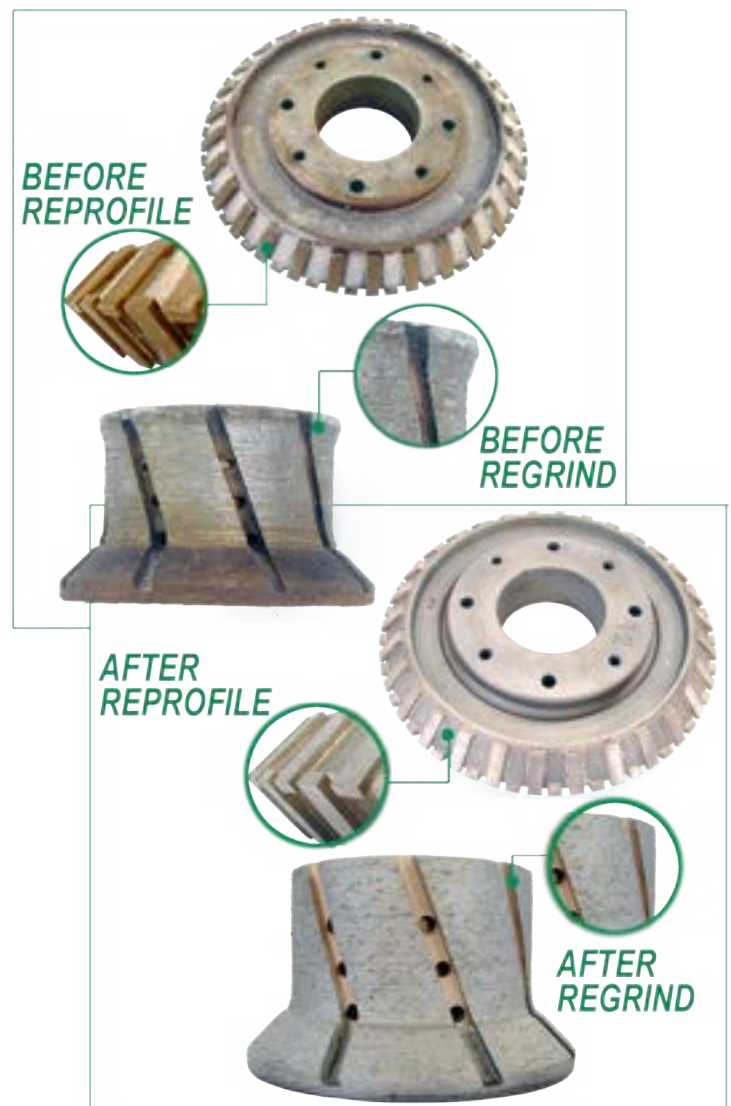


REGRINDING & REPROFILING METAL BOND TOOLS

We offer our customers an in house regrind and reprofile service and can deliver a prompt and accurate return with minimal stock removal to ensure the maximum life for our customer's tools.

This service includes profile tools and routers.

Please contact DK for a quotation.



TECHNICAL SPECIFICATION

Run the tools as near possible to the recommended speeds. These speeds are not intended to be rigidly adhered to, as in certain circumstances a variation will improve results, but they will prove satisfactory in most cases.

DIAMOND GLASS DRILLS - PAGES 1 - 2

DIAMETER (mm)	DIAMETER (inch)	RPM
3 to 13	1/8" to 1/2"	4,000
14 to 25	9/16" to 1"	2,000
28 to 38	1 1/8" to 1 1/2"	1,500
41 to 51	1 5/8" to 2"	1,000
Over 52	Over 2"	500

DIAMOND COUNTERSINKS - PAGE 2

DIAMETER (mm)	DIAMETER (inch)	RPM
3 to 13	1/8" to 1/2"	4,000
14 to 25	9/16" to 1"	2,000
28 to 38	1 1/8" to 1 1/2"	1,500
41 to 51	1 5/8" to 2"	1,000
Over 52	Over 2"	500

DIAMOND TAPER REAMERS - PAGE 3

Refer to machine manufacturers recommendations for speeds.

KEY TOOLS - PAGE 3

Refer to machine manufacturers recommendations for speeds.

EXPANDING RUBBER MANDREL BANDS - PAGE 6

Refer to machine manufacturers recommendations for speeds.

EXPANDING RUBBER DRUM BELTS - PAGE 7

GRIND/POLISH	DIAMETER	MOS
Wet	75 mm	7,000 rpm
Wet	100 mm	6,000 rpm
Wet	150 mm	4,500 rpm
Wet	200 mm	2,800 rpm

GLASS BELTS - PAGES 6 - 8

DIAMOND BELT LIFE

Black 120 and Red 200 is approximately 60,000 to 80,000 metres when edging float glass with 1 to 1.5mm cut. This is based on belt speed 30 metres per second with smooth running characteristics.

DIAMOND BELT GRADES

Coarse grinding = Black 120
 Flat industrial glass = Red 200
 Windshield glass = Red 200/Gold 300

TENSION

19mm - 45mm wide belt 11/14 Kgs
 50mm - 100mm wide belt 18/23 Kgs

RECOMMENDED BELT SPEED
 20-30 Metres/Sec wet grinding

VANITY DRUMS - PAGE 8

POLISHING	MOS
Wet	3,600 rpm

ELECTROFLEX GPS DISCS - PAGE 13

POLISHING	MOS
TIME	30 secs per grade
Ø100mm	3,600
Ø50mm	7,200
Ø25mm	8,000

FLEXIBLE DISCS - PAGES 12 - 14

Refer to machine manufacturers recommendations for speeds.

D-LOC DISCS - PAGE 14

Refer to machine manufacturers recommendations for speeds.

TECHNICAL SPECIFICATION

PUMA FLEXIBLE RESIN DISCS - PAGE 15

POLISHING	MOS
Wet	3,600 rpm

DIA-SOL DISCS - PAGE 15

POLISHING	MOS
Wet	3,600 rpm

DIA-GEM FLEXIBLE QRS DISCS - PAGE 15

POLISHING	MOS
Wet	3,600 rpm

MB GLASS BLADES - PAGE 17

CUTTING	MOS
Wet	35m/SEC

RB DIAMOND GLASS BLADES - PAGE 17

CUTTING	MOS
Wet	35m/SEC

BANDSAW BLADES - PAGE 17

TENSION	MOS
1,050 - 1,400 kg/cm ²	1.400 m/min - 1,800 m/min

AS80 PNEUMATIC WET SAW - PAGE 21

MIN. HOSE DIAMETER	MAX. SAW DIAMETER	WEIGHT
internal/dia. mm	mm	kg
10	70	0.9

FREE SPEED	AIR PRESSURE	AIR CONSUMPTION
rpm	PSI BAR	litre/min
12,000	100 6.9	536

The Technical Specification information is for guidance only, assuming your machine/tools are in serviceable condition and have been maintained to the manufacturer's specification.

For further technical information, please contact us.

AS100 ANGLE SAW - PAGE 21

MIN. HOSE DIAMETER	MAX. SAW DIAMETER	WEIGHT
internal/dia. mm	mm	kg
10	100	1.68

FREE SPEED	AIR PRESSURE	AIR CONSUMPTION
rpm	PSI BAR	litre/min
12,700	100 6.9	565

AS125 ANGLE SAW - PAGE 21

MIN. HOSE DIAMETER	MAX. SAW DIAMETER	WEIGHT
internal/dia. mm	mm	kg
10	125	2.25

FREE SPEED	AIR PRESSURE	AIR CONSUMPTION
rpm	PSI BAR	litre/min
12,700	100 6.9	565

Q6-R PNEUMATIC WET POLISHER - PAGE 22

WEIGHT	FREE RUNNING SPEED	AIR PRESSURE
1.2 kg	0-3500 rpm	15 cfm @ 90 psi

AIR BELT POLISHERS - PAGE 22

WEIGHT	MODEL	AIR FLOW SCFM (LPM)	MOTOR hp	SPEED
0.82 kg	1	20 (556)	.4	25,000 rpm max.
1.4 kg	2	31 (878)	.5	20,000 rpm max.

FEIN MULTIMASTER MM 700 - PAGE 22

WEIGHT	SPEED	VOLTAGE
1.9 kg	Variable 10,000 - 19,500	110

FLEX ELECTRIC ANGLE POLISHERS - PAGE 22

WEIGHT	TYPE	FREE RUNNING SPEED	MODEL
2.6 kg	WET	3,600 rpm	110 Volt
2.7 kg	WET/DRY	Variable 1,200 - 3,700	110 Volt
2.5 kg	DRY	Variable 1,200 - 3,700	1200 Watt

BUSINESS TERMS

BUSINESS HOURS

Monday — Friday : 8.00 am - 5.00 pm

ORDERING IS EASY

Contact us on:



TELEPHONE - +44 (0)1580 891662



FAX - +44 (0)1580 892724



E-MAIL - sales@dk-holdings.co.uk



Or alternatively post your order to:
DK Holdings Limited
Station Approach, Staplehurst
Kent TN12 0QN
UK

MINIMUM ORDER VALUE

There is no minimum order value.

DELIVERY

Phone, Fax or E- mail your order through to our sales department before 12.00pm for same day despatch on certain stocked items when you hold an approved credit account. For non account holders we will despatch on receipt of payment. Cheques and credit card/debit payments accepted.

DEDICATED SALES TEAM

Our fully trained sales staff are ready to take your calls from 8.00am to 5.00pm Monday to Friday (answering system outside these call times). They can offer advice and guidance to ensure that you get the right product for your application.

SERVICE IS OUR STRENGTH

Our service does not end when a product has been sold. Qualified personnel provide operator training and after-sales technical support.

PAYMENT TERMS

Paying is easy. Open an account, pay by credit/debit card, cheque or credit transfer.

To qualify for credit account status, a credit application must be completed in full. Satisfactory references are required for credit consideration.

CARD PAYMENTS

We accept payment by Visa, MasterCard, Maestro and Visa Debit.



BANK DETAILS

D.K. Holdings Bank Details

International Bank Account Number (IBAN)

Bank: National Westminster Bank PLC
Address: 3 High Street, Maidstone,
Kent, ME14 1XU,
United Kingdom.

Country: GB
Currency: STERLING
Sort Code: 60-60-08
Account No: 02901749
IBAN No: GB10NWBK60600802901749
B.I.C. No: NWBKGB2L



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<input type="checkbox"/> Courier	<input type="checkbox"/> Visa <input type="checkbox"/> Visa Debit	<input type="checkbox"/> Mastercard <input type="checkbox"/> Maestro
<input type="checkbox"/> 1st Class Post	Account No.	
<input type="checkbox"/> Parcel Post	Expiration date	Security No.
<input type="checkbox"/> Air Freight	Name of cardholder	
<input type="checkbox"/> Road Freight	<input type="checkbox"/> COD <input type="checkbox"/> Prepayment	
<input type="checkbox"/> Other	<input type="checkbox"/> Invoice - established account, approved credit	

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DIAMOND TOOLS ALSO AVAILABLE FOR:

