



AMP TEKNIK A/S

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introduction



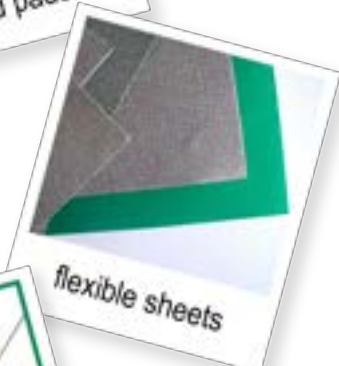
flexible belts



drills



hand pads



flexible sheets



blades



hand machines

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.

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.

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ELECTROFORMED DIAMOND DRILLS

Electroformed Diamond Drills have a number of 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 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: 3 - 100 mm other sizes on request

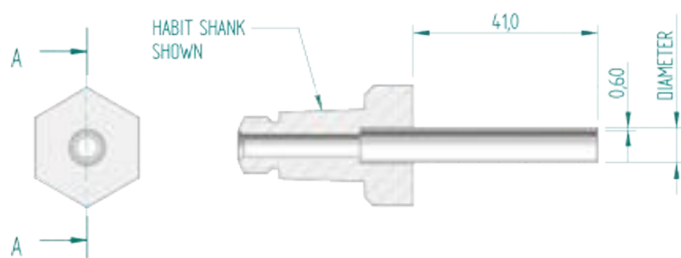
NOTE:

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

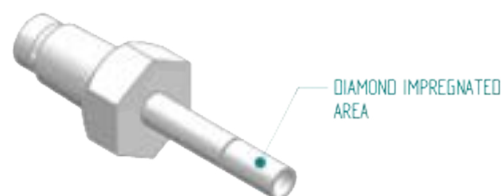
STANDARD WALL

CODE	DIAMETER	CODE	DIAMETER
*EDS520	3	EDS020	1/8
*EDS530	4	EDS030	5/32
*EDS540	5	EDS040	3/16
		EDS050	7/32
*EDS550	6	EDS060	1/4
*EDS560	7	EDS070	9/32
*EDS570	8	EDS080	5/16
EDS580	9	EDS090	11/32
*EDS590	10	EDS100	3/8
		EDS110	13/32
*EDS600	11	EDS120	7/16
*EDS610	12	EDS130	1/2
*EDS615	13		
*EDS620	14	EDS140	9/16
*EDS625	15		
*EDS630	16	EDS150	5/8
*EDS635	17		
EDS640	18	EDS160	11/16
*EDS650	19	EDS170	3/4
*EDS660	20	EDS180	13/16
EDS665	21		
*EDS670	22	EDS190	7/8
EDS675	23		
EDS680	24	EDS200	15/16
EDS690	25	EDS210	1
*EDS695	26		
EDS700	27	EDS220	1 1/16
EDS710	28	EDS230	1 1/8
EDS715	29		
*EDS720	30	EDS240	1 3/16
EDS730	32	EDS250	1 1/4
EDS740	33	EDS260	1 5/16

BELOW 9.00mm DIAMETER GLASS DRILLS



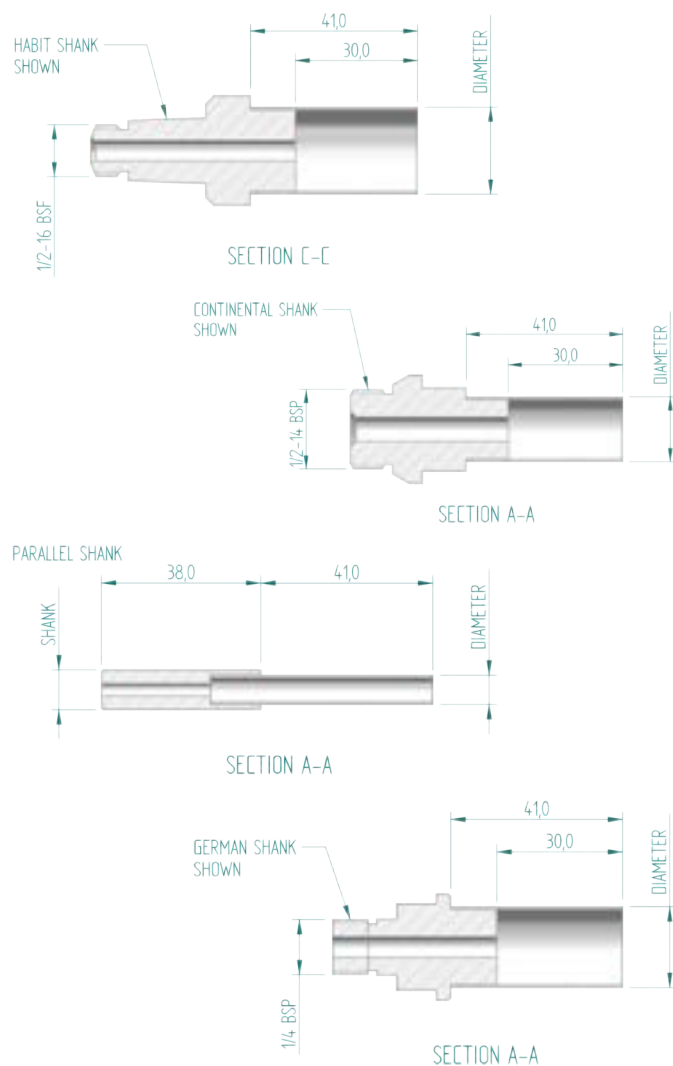
SECTION A-A



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Cont'd

STANDARD SHANK PATTERNS



Above drills are made to tolerance $\pm 0.005"$ (.127 mm).
If tighter tolerances are required prices increase by 50%.



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STANDARD WALL

CODE	DIAMETER mm	CODE	DIAMETER inch
EDS760	36	EDS280	1 7/16
EDS770	37		
*EDS775	38	EDS290	1 1/2
*EDS780	40	EDS300	1 9/16
EDS790	41	EDS310	1 5/8
EDS800	43	EDS320	1 11/16
EDS810	44	EDS330	1 3/4
EDS820	46	EDS340	1 13/16
EDS830	48	EDS350	1 7/8
EDS840	49	EDS360	1 15/16
*EDS845	50		
EDS850	51	EDS370	2
EDS860	57	EDS380	2 1/4
EDS870	64	EDS390	2 1/2
EDS880	70	EDS400	2 3/4
EDS890	76	EDS410	3
EDS900	80	EDS420	3 3/16
EDS910	85	EDS430	3 3/8
EDS920	90	EDS440	3 1/2
EDS930	100	EDS450	4

NOTE: Other sizes available on request.

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

THICK WALL

CODE	DIAMETER mm	CODE	DIAMETER inch
EDT530	4		
EDT540	5		
EDT550	6	EDT060	1/4
EDT560	7		
EDT570	8		
EDT590	10		
		EDT130	1/2
		EDT170	3/4
EDT660	20		
EDT670	22		
EDT690	25	EDT210	1
EDT720	30		

NOTE: Other sizes available on request.

When ordering please state Code.

drill/countersinks

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

SPECIALS

Special sizes can be manufactured to accommodate the majority of customer requirements.

Prices of non-standard drilling depths are as follows:

up to 2" - as price list.

2" to 3" - plus 20%

over 3" - plus 50%

Prices of other sizes of drills including very large diameters are available on request.

NOTES: When ordering please specify -

- 1) Diameter — internal or external
- 2) Type of Shank
- 3) Effective drilling depth if other than standard
- 4) Tolerances
- 5) Code

DIAMOND 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.

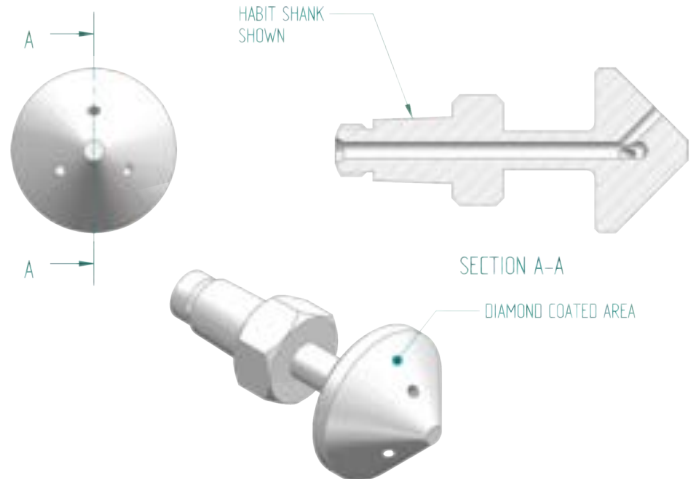
COUNTERSINKS

CODE	Diameter mm inch	Parallel Solid Shank	Parallel Drilled for Coolant	Continental Shaw or Habit Shank
ECK210	10 $\frac{3}{8}$			
ECK220	12 $\frac{1}{2}$			
ECK230	16 $\frac{5}{8}$			
ECK240	19 $\frac{3}{4}$			
ECK250	22 $\frac{7}{8}$			
ECK260	25 1			
ECK270	30 $1\frac{3}{16}$			
ECK280	35 $1\frac{3}{8}$			

NOTES: When ordering please specify -

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

Drill Countersinks are also available -
prices on request



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drills/countersinks

SINTER +

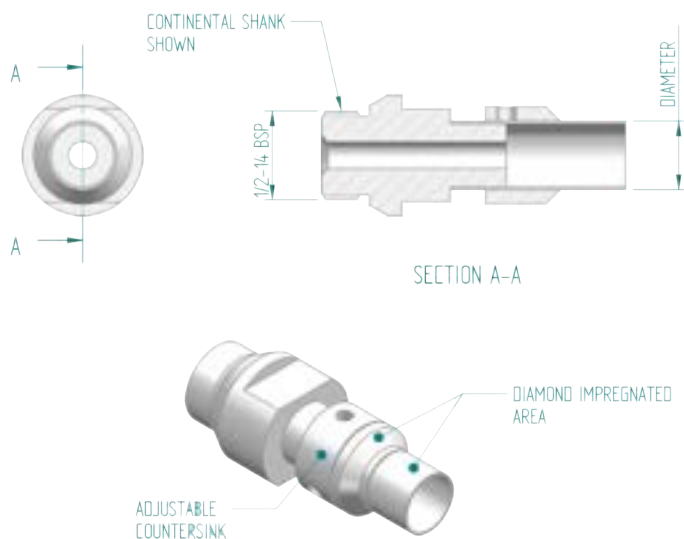
GLASS DRILLS AND COUNTERSINKS

A range of professional glass drills that has been designed for large scale processing of glass, giving a fast and economical cut. Countersinks available for all sizes of glass drill.

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

GLASS DRILLS & COUNTERSINKS

DIAMETER mm	DRILL CODE	COUNTERSINK CODE
3	*BMBGD520C	
4	*BMBGD530C	
5	*BMBGD540C	*BCSK540
6	*BMBGD550C	*BCSK550
7	*BMBGD560C	*BCSK560
8	*BMBGD570C	*BCSK570
10	*BMBGD590C	*BCSK590
12	*BMBGD610C	*BCSK610
14	*BMBGD620C	*BCSK620
15	*BMBGD625C	
16	*BMBGD630C	*BCSK630
20	BMBGD660C	BCSK660
22	BMBGD670C	BCSK670
24	BMBGD680C	BCSK680
25	BMBGD690C	BCSK690
26	BMBGD695C	BCSK695
28	BMBGD710C	BCSK710
30	BMBGD720C	BCSK720
32	BMBGD730C	BCSK730
35	BMBGD750C	BCSK750
36	BMBGD760C	BCSK760



taper reamers

DIAMOND TAPER REAMERS

Taper Reamers provide a rapid method of grinding the internal taper in both joints and barrels achieving a smooth finish.

OPTIONS:

Types: B
GP

NOTE: Special sizes can be supplied

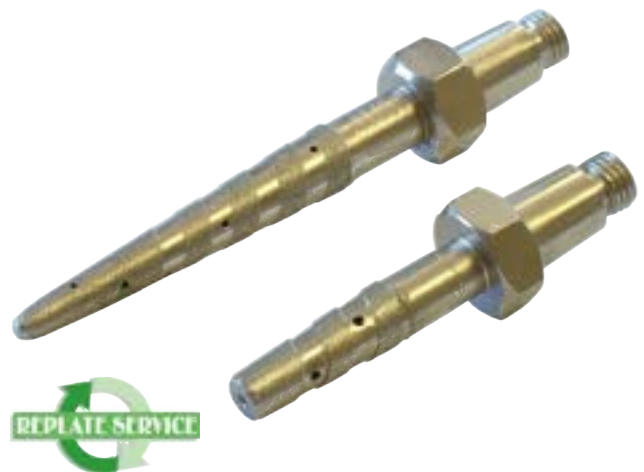
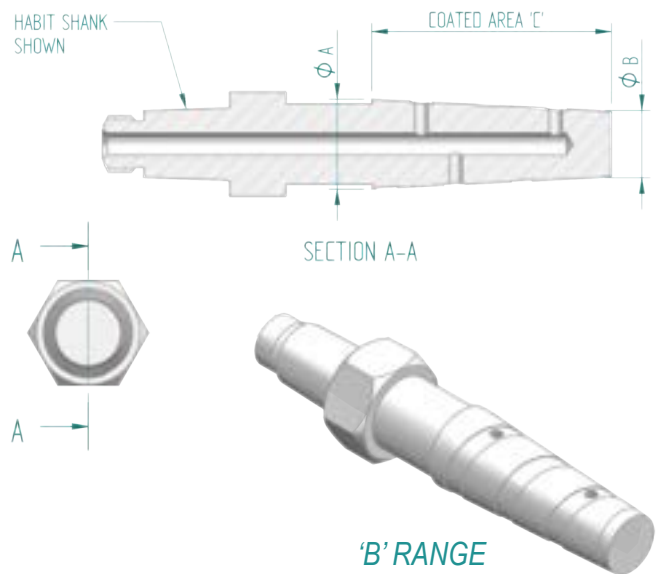
'B' RANGE

Tool No.	Dia 'A' mm	Dia 'B' mm	Dim 'C' mm	GRADE 100/120 CODE	GRADE 150/170 CODE
B.7	7.90	4.73	31.70	ETT010	ETT020
B.10	10.40	6.98	34.20	ETT040	ETT050
B.12	12.90	9.35	35.50	ETT070	ETT080
B.14	14.90	10.97	39.30	ETT100	ETT110
B.16	16.60	12.41	41.90		
B.19	19.20	14.76	44.40		
B.24	24.40	19.20	52.00		
B.29	29.60	23.89	57.10		
B.34	34.90	29.44	54.60		

Tool No.	Dia 'A' mm	Dia 'B' mm	Dim 'C' mm	GRADE 240/300 CODE	GRADE 300/400 CODE
B.7	7.90	4.73	31.70	ETT030	
B.10	10.40	6.98	34.20	ETT060	ETT069
B.12	12.90	9.35	35.50	ETT090	ETT099
B.14	14.90	10.97	39.30	ETT120	
B.16	16.60	12.41	41.90		
B.19	19.20	14.76	44.40		
B.24	24.40	19.20	52.00		
B.29	29.60	23.89	57.10		
B.34	34.90	29.44	54.60		

GP RANGE

Tool No.	Dia 'A' mm	Dia 'B' mm	Dia 'C' mm	Dim 'D' mm	CODE
GP2	12.95	7.87	4.06	50.8	ETT410
GP3	14.73	10.03	5.08	46.9	ETT420
GP4	16.00	10.54	5.08	54.6	ETT430
GP5	18.79	10.66	8.12	81.2	ETT440
GP6	24.63	18.03	12.95	66.0	ETT450
GP2A	12.95	6.60	4.06	63.5	ETT460
GP3A	14.73	8.76	4.06	59.6	ETT470
GP4A	16.00	8.76	5.08	72.3	ETT480
GP5A	18.79	8.76	5.08	100.3	ETT490
GP6	24.63	14.74	10.41	88.8	ETT500



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key tools



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KEY TOOLS

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

OPTIONS:

Diameters — 19.75, 24.75, 30, 35.25 mm,
other sizes available on request.

NOTE: When ordering please specify Tool No. and type of shank.

KEY TOOLS

Tool No.	Dia 'A' mm	Dia 'B' mm	Dim 'C' mm
B.19	19.75	16.00	37.50
B.24	24.75	21.00	37.50
B.29	30.00	25.00	45.00
B.34	35.25	30.75	45.00

When ordering please state Code.

WATER CHUCKS

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 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.*



TYPE 'A'



TYPE 'B'

TYPE 'A'

CODE	DESCRIPTION
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MMP004C	to fit Continental shank
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TYPE 'B'

CODE	DESCRIPTION
------	-------------

*MMPC05C	to fit Continental shank
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*MMPC05H	to fit Habit shank
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flexible introduction






ELECTROFLEX & ELECTROPLUS DIAMOND PRODUCTS

Flexibe Diamond material has been developed 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.






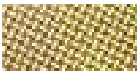

ELECTROFLEX

METAL (M)

	GREEN		BLACK		RED		GOLD		YELLOW
GRIT 60 250 MICRON		GRIT 120 125 MICRON		GRIT 200 74 MICRON		GRIT 300 64 MICRON		GRIT 400 40-50 MICRON	

ELECTROPLUS

METAL (M)

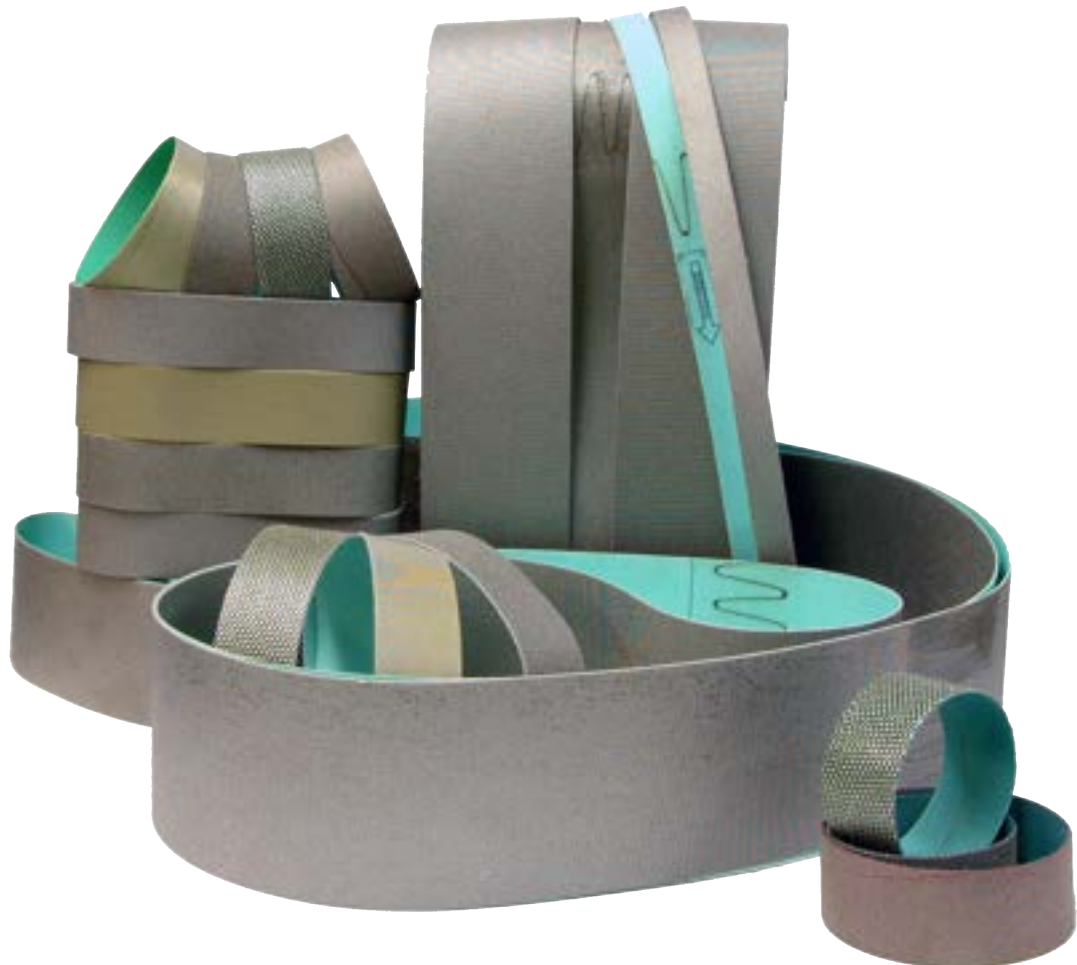
	GREEN		BLACK		RED		GOLD		YELLOW
GRIT 60 250 MICRON		GRIT 120 125 MICRON		GRIT 200 74 MICRON		GRIT 300 64 MICRON		GRIT 800 20-30 MICRON	

ELECTROFLEX & ELECTROPLUS BELTS

Flexible Diamond 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/Electroplus belts can produce a honed or semi polished finish as required.

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



flexible belts



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:

Electroflex Diameters	—	10, 15, 22, 25, 30, 45 & 50 mm
Electroplus Diameters	—	25, 30, 45 & 50 mm
Metal Grades	—	60 - 400 grit

Ø10 x 20mm Wide

ELECTROFLEX

GRADE	CODE
-------	------

M60	BEPN3010A
M120	BEPN3010C
M200	BEPN3010D
M300	BEPN3010M
M400	BEPN3010E

Ø15 x 30mm Wide

ELECTROFLEX

GRADE	CODE
-------	------

M60	BEPN3015A
M120	BEPN3015C
M200	BEPN3015D
M300	BEPN3015M
M400	BEPN3015E

Ø22 x 20mm Wide

ELECTROFLEX

GRADE	CODE
-------	------

M60	BEPN3020A
M120	BEPN3020C
M200	BEPN3020D
M300	BEPN3020M
M400	BEPN3020E

OTHER RELATED PRODUCTS

EXPANDING RUBBER MANDREL - Page 40

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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:

Electroflex Diameters — 10, 15, 22, 25, 30, 45 & 50 mm
Electroplus Diameters — 25, 30, 45 & 50 mm

Metal Grades — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit

Ø25 x 25mm Wide

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN3025A	M60	BEPNP3025A
M120	BEPN3025C	M120	BEPNP3025C
M200	BEPN3025D	M200	BEPNP3025D
M300	BEPN3025M	M300	BEPNP3025M
M400	BEPN3025E	M800	BEPNP3025E

Ø30 x 30mm Wide

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN3030A	M60	BEPNP3030A
M120	BEPN3030C	M120	BEPNP3030C
M200	BEPN3030D	M200	BEPNP3030D
M300	BEPN3030M	M300	BEPNP3030M
M400	BEPN3030E	M800	BEPNP3030E

Ø45 x 30mm Wide

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN3035A	M60	BEPNP3035A
M120	BEPN3035C	M120	BEPNP3035C
M200	BEPN3035D	M200	BEPNP3035D
M300	BEPN3035M	M300	BEPNP3035M
M400	BEPN3035E	M800	BEPNP3035E

Ø50 x 40mm Wide

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN3040A	M60	BEPNP3040A
M120	BEPN3040C	M120	BEPNP3040C
M200	BEPN3040D	M200	BEPNP3040D
M300	BEPN3040M	M300	BEPNP3040M
M400	BEPN3040E	M800	BEPNP3040E

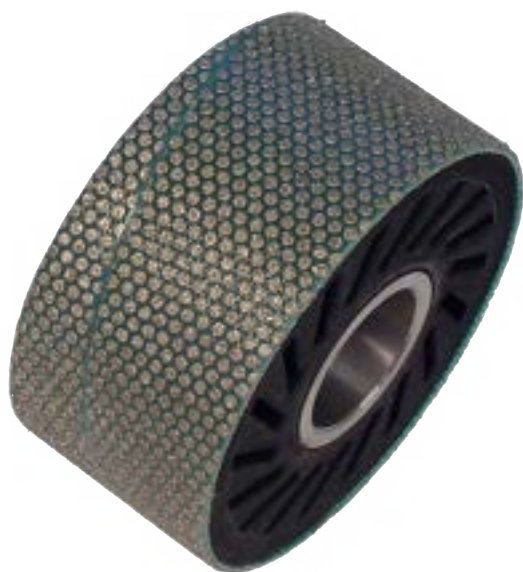


OTHER RELATED PRODUCTS

EXPANDING RUBBER MANDREL - Page 40

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flexible belts



EXPANDING RUBBER DRUM BELTS

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

NOTE: Dry belts available on request.

OPTIONS:

Diameters — 75, 100, 150 & 200 mm
Metal Grades — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit

Ø75 x 38mm Wide

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	*BEPN582	M60	BEPNP582
M120	*BEPN584	M120	BEPNP584
M200	*BEPN586	M200	BEPNP586
M300	BEPN587	M300	BEPNP587
M400	*BEPN588	M800	BEPNP588

Ø75 x 50mm Wide

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	*BEPN575A	M60	BEPNP575A
M120	*BEPN575C	M120	BEPNP575C
M200	*BEPN575D	M200	BEPNP575D
M300	BEPN575M	M300	BEPNP575M
M400	*BEPN575E	M800	BEPNP575E

Ø100 x 38mm Wide

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	*BEPN605A	M60	BEPNP605A
M120	*BEPN605C	M120	BEPNP605C
M200	*BEPN605D	M200	BEPNP605D
M300	BEPN605M	M300	BEPNP605M
M400	*BEPN605E	M800	BEPNP605E

OTHER RELATED PRODUCTS

EXPANDING RUBBER DRUMS - Page 40
DRUM ADAPTOR - Page 40

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When ordering please state Code.

EXPANDING RUBBER DRUM BELTS

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

NOTE: Dry belts available on request.

OPTIONS:

Diameters — 75, 100, 150 & 200 mm
Metal Grades — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit



Ø150 x 38mm Wide

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	*BEPN525	M60	BEPNP525
M120	*BEPN535	M120	BEPNP535
M200	*BEPN540	M200	BEPNP540
M300	BEPN542	M300	BEPNP542
M400	*BEPN545	M800	BEPNP545

Ø150 x 65mm Wide

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN560A	M60	BEPNP560A
M120	BEPN560C	M120	BEPNP560C
M200	BEPN560D	M200	BEPNP560D
M300	BEPN560M	M300	BEPNP560M
M400	BEPN560E	M800	BEPNP560E

Ø200 x 40mm Wide

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN665	M60	BEPNP665
M120	BEPN670	M120	BEPNP670
M200	BEPN675	M200	BEPNP675
M300	BEPN677	M300	BEPNP677
M400	BEPN680	M800	BEPNP680

Ø200 x 65mm Wide

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN615	M60	BEPNP615
M120	BEPN620	M120	BEPNP620
M200	BEPN630	M200	BEPNP630
M300	BEPN632	M300	BEPNP632
M400	BEPN640	M800	BEPNP640

When ordering please state Code.

OTHER RELATED PRODUCTS

EXPANDING RUBBER DRUMS - Page 40
DRUM ADAPTOR - Page 40

Technical Specification: Page 46

flexible belts



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

NOTE:

Other sizes available on request.
Available in Electroplus pattern if required.

305 x 13 mm Wide

ELECTROFLEX	
GRADE	CODE
M60	BEPN695A
M120	BEPN695C
M200	BEPN695D
M300	BEPN695M
M400	BEPN695E

610 x 13 mm Wide

ELECTROFLEX	
GRADE	CODE
M60	BEPN795A
M120	BEPN795C
M200	BEPN795D
M300	BEPN795M
M400	BEPN795E

OTHER RELATED PRODUCTS

AIR BELT POLISHERS - Page 43

Technical Specification: Page 46

flexible belts

GLASS BELTS

Diamond belts developed for glass arissing applications. All sizes available to fit popular Hand, Cross Belt and Robotic machines.

NOTE: Belts for dry use and other sizes are available on request.

533 Long x 30mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN980A
M120	BEPN980C
M200	BEPN980D
M300	BEPN980M
M400	BEPN980E

830 Long x 70mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN990A
M120	BEPN990C
M200	BEPN990D
M300	BEPN990M
M400	BEPN990E

1100 Long x 100mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN1270A
M120	BEPN1270C
M200	BEPN1270D
M300	BEPN1270M
M400	BEPN1270E

1180 Long x 80mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN1185A
M120	*BEPN1185C
M200	*BEPN1185D
M300	BEPN1185M
M400	BEPN1185E

1800 Long x 50mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN1230A
M120	BEPN1230C
M200	BEPN1230D
M300	BEPN1230M
M400	BEPN1230E



RED M200 1100 x 100mm
ELECTROFLEX GLASS BELT

When ordering please state Code.

Technical Specification: Page 46

flexible belts



BLACK M120 2400 x 100mm
ELECTROFLEX GLASS BELT

OPTIONS:

Electroflex:
Metal Grades — 60 - 400 grit

1800 Long x 75mm Wide	
ELECTROFLEX	
GRADE	CODE
M60	BEPN1220A
M120	BEPN1220C
M200	BEPN1220D
M300	BEPN1220M
M400	BEPN1220E

1830 Long x 100mm Wide	
ELECTROFLEX	
GRADE	CODE
M60	BEPN1210A
M120	BEPN1210C
M200	BEPN1210D
M300	BEPN1210M
M400	BEPN1210E

2000 Long x 100mm Wide	
ELECTROFLEX	
GRADE	CODE
M60	BEPN1260A
M120	BEPN1260C
M200	BEPN1260D
M300	BEPN1260M
M400	BEPN1260E

2400 Long x 100mm Wide	
ELECTROFLEX	
GRADE	CODE
M60	BEPN1240A
M120	BEPN1240C
M200	BEPN1240D
M300	BEPN1240M
M400	BEPN1240E

2642 Long x 100mm Wide	
ELECTROFLEX	
GRADE	CODE
M60	BEPN1250A
M120	BEPN1250C
M200	BEPN1250D
M300	BEPN1250M
M400	BEPN1250E

Technical Specification: Page 46

GLASS BELTS

Diamond belts developed for glass abrassing applications. All sizes available to fit popular Hand, Cross Belt and Robotic machines.

NOTE: Dry belts and other sizes are available on request.

OPTIONS:

Electroflex:

Metal Grades — 60 - 400 grit

2690 Long x 100mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN1200A
M120	BEPN1200C
M200	BEPN1200D
M300	BEPN1200M
M400	BEPN1200E

3350 Long x 50mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN3300A
M120	BEPN3300C
M200	BEPN3300D
M300	BEPN3300M
M400	BEPN3300E

3350 Long x 60mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN3310A
M120	BEPN3310C
M200	BEPN3310D
M300	BEPN3310M
M400	BEPN3310E

3350 Long x 100mm Wide

ELECTROFLEX

GRADE CODE

M60	BEPN3355A
M120	BEPN3355C
M200	*BEPN3355D
M300	BEPN3355M
M400	BEPN3355E



RED M200 3350 x 100mm
ELECTROFLEX GLASS BELT

flexible belts

VANITY DRUMS

M14 Drums with central waterfeed for wet grinding and polishing internal cutouts in glass.

OPTIONS:

Diameters	—	50 & 75 mm
Metal Grades	—	Electroflex 60 - 400 grit Electroplus 60 - 800 grit



M14 FITTING		Ø50 x 42mm Wide	
GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN493N	M60	BEPNP493N
M120	*BEPN495N	M120	BEPNP495N
M200	*BEPN500N	M200	BEPNP500N
M300	BEPN502N	M300	BEPNP502N

M14 FITTING		Ø75 x 50mm Wide	
GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN520A	M60	BEPNP520A
M120	*BEPN520C	M120	BEPNP520C
M200	*BEPN520D	M200	BEPNP520D
M300	BEPN520M	M300	BEPNP520M
M400	*BEPN520E	M800	BEPNP520E

M14 DRUM ADAPTORS

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

M14 DRUM ADAPTORS		
CODE	DRUM Ø	DESCRIPTIONS
*MMP193	50mm	Continental to M14
*MMP195	75mm	Continental to M15



When ordering please state Code.

flexible hand pads

ELECTROFLEX & ELECTROPLUS 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 — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit

Recommended sequence: Green (M), Black (M), Red (M), Gold (M) & Yellow (M)



FLAT

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 — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit



FLAT HAND PAD 90 x 55mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN702	M60	BEPNP702
M120	*BEPN712	M120	BEPNP712
M200	*BEPN717	M200	BEPNP717
M300	BEPN719	M300	BEPNP719
M400	*BEPN722	M800	BEPNP722

When ordering please state Code.

flexible hand pads

CUSHIONED

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	—	Electroflex 60 - 400 grit Electroplus 60 - 800 grit

CUSHIONED HAND PADS 90 x 55mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	*BEPN202	M60	BEPNP202
M120	*BEPN212	M120	BEPNP212
M200	*BEPN217	M200	BEPNP217
M300	BEPN219	M300	BEPNP219
M400	*BEPN222	M800	BEPNP222

CUSHIONED HAND PADS 100 x 55mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	*BEPN200	M60	BEPNP200
M120	*BEPN210	M120	BEPNP210
M200	*BEPN215	M200	BEPNP215
M300	BEPN218	M300	BEPNP218
M400	*BEPN220	M800	BEPNP220

GLASSFLEX

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

GLASSFLEX HAND PADS

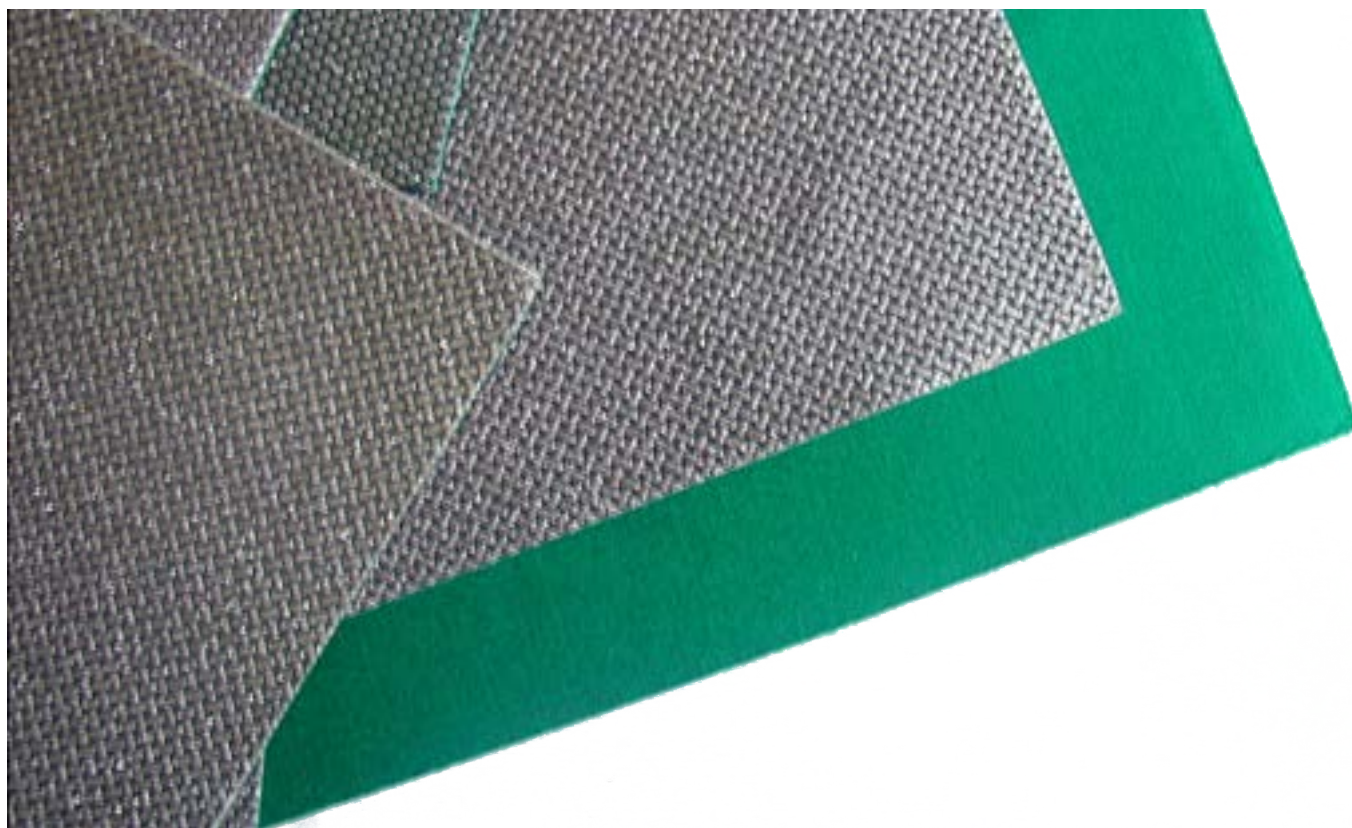
90 x 55 mm		100 x 55 mm
GRADE	CODE	CODE
M60	BEPN202G	BEPN200G
M120	BEPN212G	BEPN210G
M200	BEPN217G	BEPN215G
M300	BEPN219G	BEPN218G
M400	BEPN222G	BEPN220G















SHEETS

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

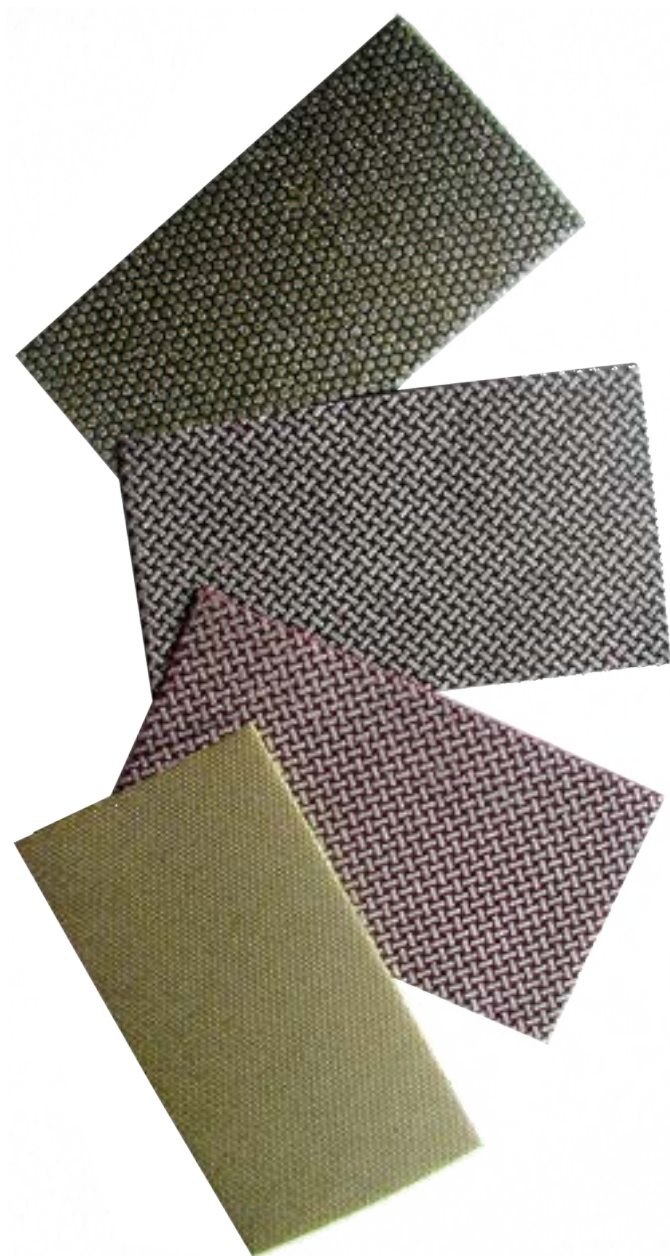
OPTIONS:

Metal Grades	—	Electroflex 60 - 400 grit Electroplus 60 - 800 grit
Maximum Sheet Dimensions	—	850 x 290 mm



GRADES		Recommended Sequence: Green (M), Black (M), Red (M), Gold (M) & Yellow (M)				
	GREEN (M60)	BLACK (M120)	RED (M200)	GOLD (M300)	YELLOW (M400)	
ELECTROFLEX						
	GREEN (M60)	BLACK (M120)	RED (M200)	GOLD (M300)	YELLOW (M800)	
ELECTROPLUS						
BACKINGS						
	QRS (Quick Release System)	SELF ADHESIVE (S/A)	MAGNETIC	UNBACKED (Canvas)	PLASTAZOTE (Foam Rubber)	
						

flexible sheets



SHEETS

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

NOTE:

Other sizes, grades and backings available on request.

PLASTAZOTE 100 x 55mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN250A	M60	BEPNP250A
M120	*BEPN250C	M120	BEPNP250C
M200	*BEPN250D	M200	BEPNP250D
M300	BEPN250M	M300	BEPNP250M
M400	*BEPN250E	M800	BEPNP250E

UNBACKED (CANVAS) 100 x 55mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN905A	M60	BEPNP905A
M120	*BEPN905C	M120	BEPNP905C
M200	*BEPN905D	M200	BEPNP905D
M300	BEPN905M	M300	BEPNP905M
M400	*BEPN905E	M800	BEPNP905E

UNBACKED (CANVAS) 100 x 100mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN2001A	M60	BEPNP2001A
M120	BEPN2001C	M120	BEPNP2001C
M200	BEPN2001D	M200	BEPNP2001D
M300	BEPN2001M	M300	BEPNP2001M
M400	BEPN2001E	M800	BEPNP2001E

UNBACKED (CANVAS) 200 x 100mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN915A	M60	BEPNP915A
M120	BEPN915C	M120	BEPNP915C
M200	BEPN915D	M200	BEPNP915D
M300	BEPN915M	M300	BEPNP915M
M400	BEPN915E	M800	BEPNP915E

When ordering please state Code.

flexible pads

ELECTROFLEX & ELECTROPLUS PADS

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

Available in various sizes with or without water holes.

OPTIONS:

Metal Grades — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit

NOTE:

Other sizes and grades available on request.

FEIN TRIANGLE QRS

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN890A	M60	BEPNP890A
M120	*BEPN890C	M120	BEPNP890C
M200	*BEPN890D	M200	BEPNP890D
M300	BEPN890M	M300	BEPNP890M
M400	*BEPN890E	M800	BEPNP890E

OTHER RELATED PRODUCTS

FEIN MULTITALENT MACHINE - Page 44
FEIN BACKUP PADS - Page 44



ORBITAL SANDER QRS

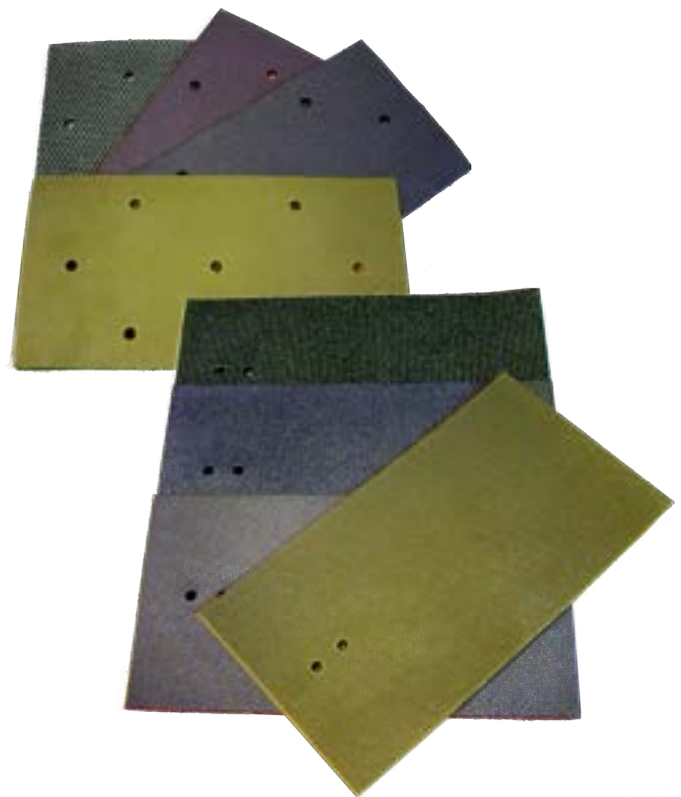
210 x 115mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN400	M60	BEPNP400
M120	BEPN405	M120	BEPNP405
M200	*BEPN410	M200	BEPNP410
M300	BEPN412	M300	BEPNP412
M400	BEPN415	M800	BEPNP415

ORBITAL SANDER QRS

170 x 90mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN365	M60	BEPNP365
M120	BEPN375	M120	BEPNP375
M200	BEPN380	M200	BEPNP380
M300	BEPN382	M300	BEPNP382
M400	BEPN385	M800	BEPNP385



When ordering please state Code.

hand files



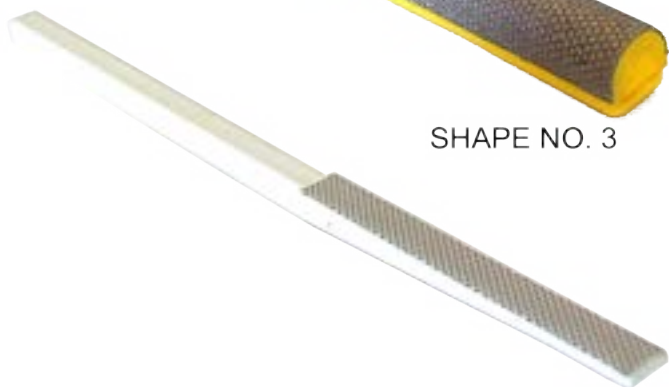
SHAPE NO. 1



SHAPE NO. 2



SHAPE NO. 3



SHAPE NO. 4

HAND FILES

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

OPTIONS:

Electroflex: Metal Grades — 120 - 400 grit

FILES - SET OF 4

ELECTROFLEX

GRADE	CODE
-------	------

M120	*BEP840
------	---------

M200	*BEP845
------	---------

M400	*BEP850
------	---------

M800	*BEP855
------	---------

FILES - SHAPE No. 1

ELECTROFLEX

GRADE	CODE
-------	------

M120	*BEP841
------	---------

M200	*BEP846
------	---------

M400	*BEP851
------	---------

M800	*BEP856
------	---------

FILES - SHAPE No. 2

ELECTROFLEX

GRADE	CODE
-------	------

M120	*BEP842
------	---------

M200	*BEP847
------	---------

M400	*BEP852
------	---------

M800	*BEP857
------	---------

FILES - SHAPE No. 3

ELECTROFLEX

GRADE	CODE
-------	------

M120	*BEP843
------	---------

M200	*BEP848
------	---------

M400	*BEP853
------	---------

M800	*BEP858
------	---------

FILES - SHAPE No. 4

ELECTROFLEX

GRADE	CODE
-------	------

M120	*BEP844
------	---------

M200	*BEP849
------	---------

M400	*BEP854
------	---------

M800	*BEP859
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ELECTROFLEX & ELECTROPLUS DISCS

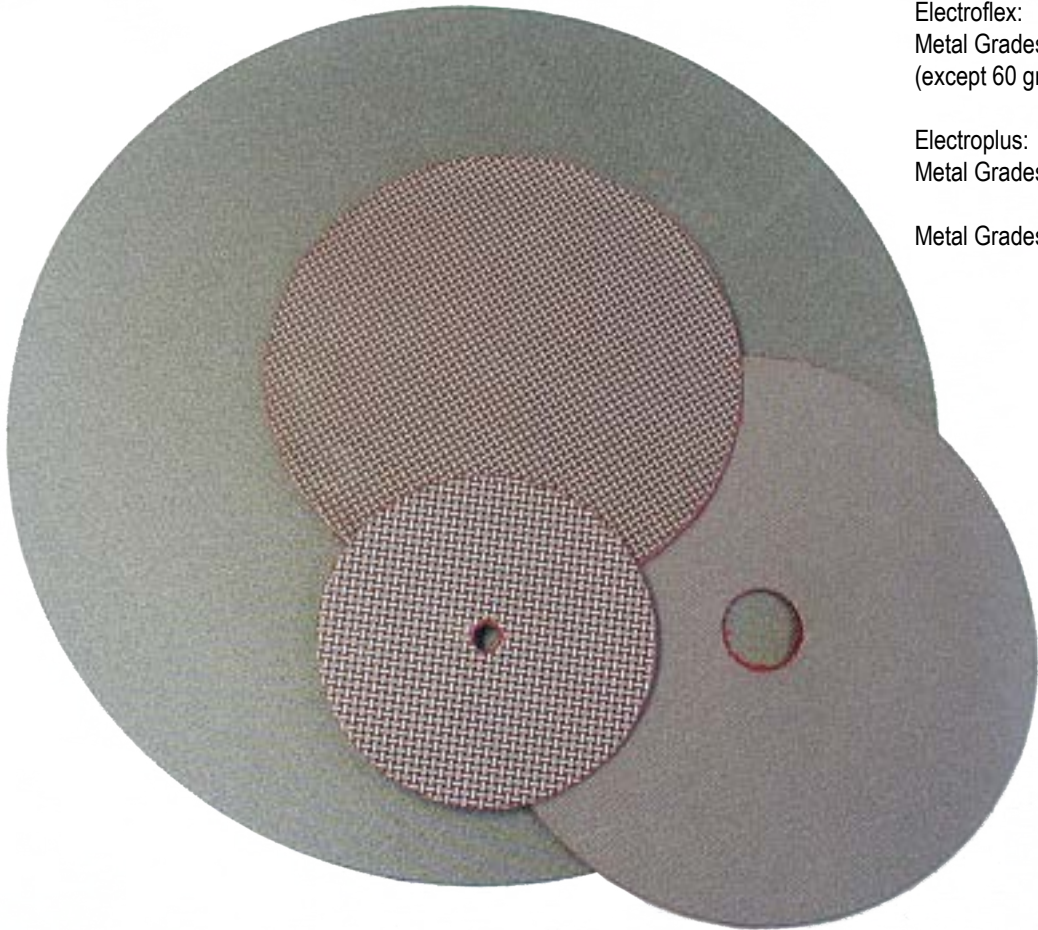
Electroflex and Electroplus discs are suitable for wet polishing glass. All sizes available with various fittings for hand and stationary machines.














OPTIONS:

Electroflex:
Metal Grades up to 600 mm diameter without join
(except 60 grit)

Electroplus:
Metal Grades up to 300 mm diameter without join

Metal Grades — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit

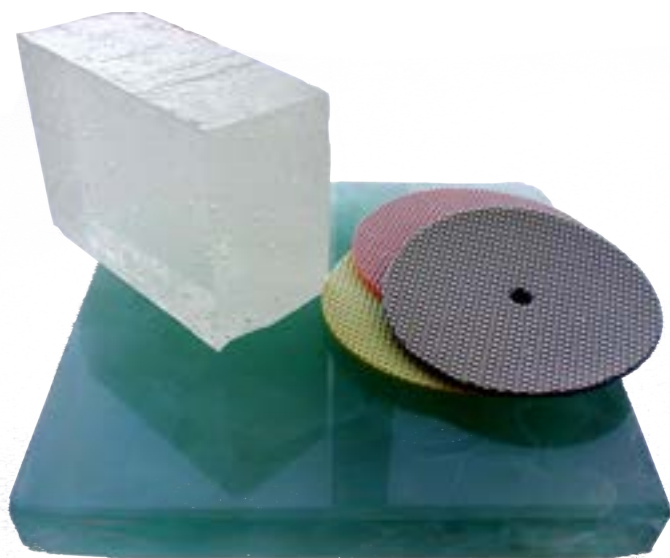


GRADES		Recommended Sequence: Green (M), Black (M), Red (M), Gold (M) & Yellow (M)				
ELECTROFLEX	GREEN (M60)	BLACK (M120)	RED (M200)	GOLD (M300)	YELLOW (M400)	
						
ELECTROPLUS	GREEN (M60)	BLACK (M120)	RED (M200)	GOLD (M300)	YELLOW (M800)	
						
BACKINGS						
QRS (Quick Release System)		SELF ADHESIVE (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.



Repairs to Glass and Art Glass items come in a variety of sizes and the 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.

ELECTROFLEX DIAMOND DISCS Ø100mm

CODE	GRADE
*BEPN069D	Red M200
BEPN069L	Black R120
BEPN069N	Red R200
BEPN069Q	Yellow R400
*BEPN069G	White R800
*BEPN069H	Blue R1800
*BEPN069I	Orange R12000
BEPN06800	Complete Set
*BMP990	Cerium Powder
*MMP112	Felt Pad

ELECTROFLEX DIAMOND DISCS Ø50mm

CODE	GRADE
BEPN062D	Red M200
BEPN062L	Black R120
BEPN062N	Red R200
BEPN062Q	Yellow R400
BEPN062G	White R800
BEPN062H	Blue R1800
BEPN062I	Orange R12000
BEPN062	Set M200 - R12000

ELECTROFLEX DIAMOND DISCS Ø25mm

CODE	GRADE
BEPN061D	Red M200
BEPN061L	Black R120
BEPN061N	Red R200
BEPN061Q	Yellow R400
BEPN061G	White R800
BEPN061H	Blue R1800
BEPN061I	Orange R12000
BEPN061	Set M200 - R12000

OTHER RELATED PRODUCTS

BACKUP PADS - Page 39

When ordering please state Code.



Technical Specification: Page 46

QRS BACKING DISCS (VELCRO™)

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

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

QRS BACKING DISCS Ø75mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN065A	M60	BEPNP065A
M120	BEPN065C	M120	BEPNP065C
M200	BEPN065D	M200	BEPNP065D
M300	BEPN065M	M300	BEPNP065M
M400	BEPN065E	M800	BEPNP065E

QRS BACKING DISCS Ø100 x 10mm Bore

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN069A	M60	BEPNP069A
M120	*BEPN069C	M120	BEPNP069C
M200	*BEPN069D	M200	BEPNP069D
M300	BEPN069M	M300	BEPNP069M
M400	*BEPN069E	M800	BEPNP069E

QRS BACKING DISCS Ø115 x 10mm Bore

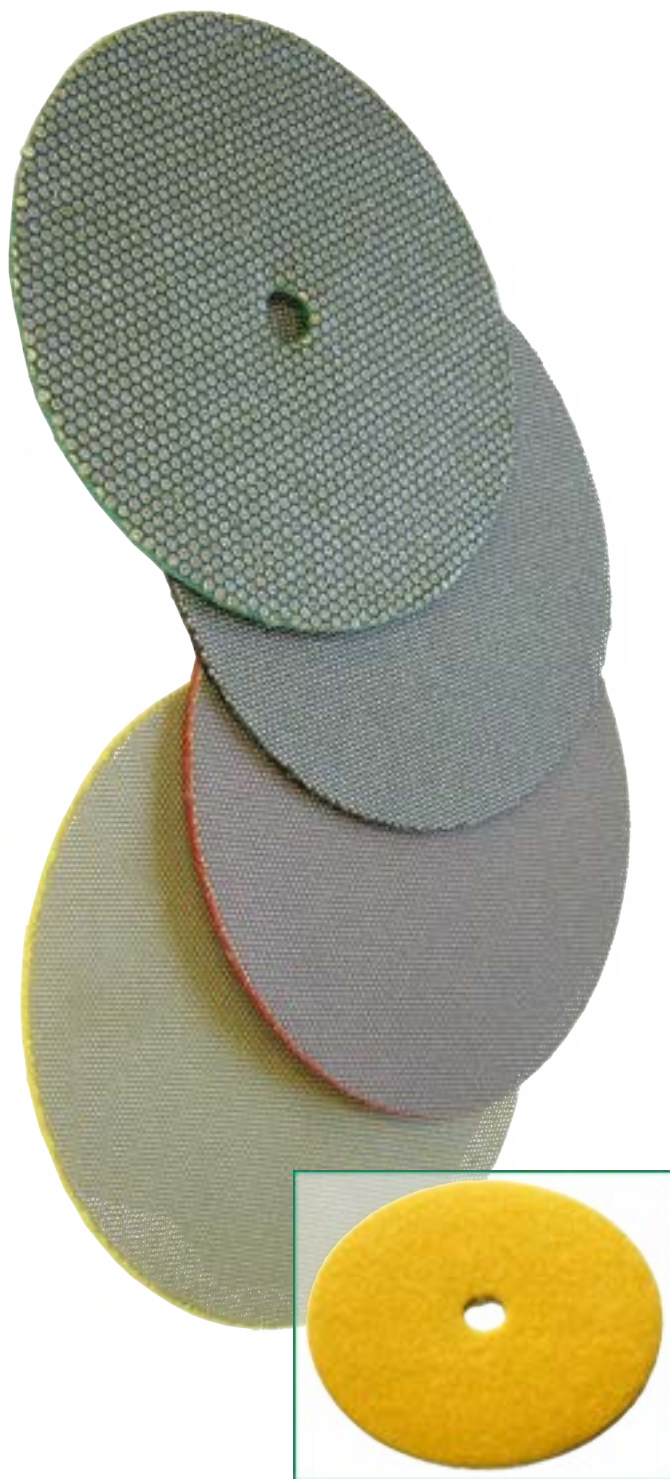
GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN075A	M60	BEPNP075A
M120	*BEPN075C	M120	BEPNP075C
M200	*BEPN075D	M200	BEPNP075D
M300	BEPN075M	M300	BEPNP075M
M400	*BEPN075E	M800	BEPNP075E

QRS BACKING DISCS Ø125 x 20mm Bore

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN085A	M60	BEPNP085A
M120	*BEPN085C	M120	BEPNP085C
M200	*BEPN085D	M200	BEPNP085D
M300	BEPN085M	M300	BEPNP085M
M400	*BEPN085E	M800	BEPNP085E

QRS BACKING DISCS Ø150 x 12mm Bore

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN450A	M60	BEPNP450A
M120	*BEPN450C	M120	BEPNP450C
M200	*BEPN450D	M200	BEPNP450D
M300	BEPN450M	M300	BEPNP450M
M400	*BEPN450E	M800	BEPNP450E



OTHER RELATED PRODUCTS

BACKUP PADS - Page 41
HAND MACHINES - Pages 42 & 44

Technical Specification: Page 46

flexible discs



SELF ADHESIVE (S/A) BACKING DISCS

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

NOTE: Dry Discs and other sizes are available on request.

SA BACKING DISCS Ø75mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN290A	M60	BEPNP290A
M120	BEPN290C	M120	BEPNP290C
M200	BEPN290D	M200	BEPNP290D
M300	BEPN290M	M300	PEPNP290M
M400	BEPN290E	M800	BEPNP290E

SA BACKING DISCS - (AS70 TYPE) Ø100mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN115	M60	BEPNP115
M120	BEPN116	M120	BEPNP116
M200	BEPN117	M200	BEPNP117
M300	BEPN128	M300	BEPNP128
M400	BEPN118	M800	BEPNP118

SA BACKING DISCS Ø100mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN295A	M60	BEPNP295A
M120	BEPN295C	M120	BEPNP295C
M200	BEPN295D	M200	BEPNP295D
M300	BEPN295M	M300	BEPNP295M
M400	BEPN295E	M800	BEPNP295E

SA BACKING DISCS Ø115mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN320A	M60	BEPNP320A
M120	BEPN320C	M120	BEPNP320C
M200	BEPN320D	M200	BEPNP320D
M300	BEPN320M	M300	PEPNP320M
M400	BEPN320E	M800	BEPNP320E

SA BACKING DISCS Ø125mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN325A	M60	BEPNP325A
M120	BEPN325C	M120	BEPNP325C
M200	BEPN325D	M200	BEPNP325D
M300	BEPN325M	M300	BEPNP325M
M400	BEPN325E	M800	BEPNP325E

OTHER RELATED PRODUCTS

HAND MACHINES - Pages 42 & 44

Technical Specification: Page 46

SELF ADHESIVE (S/A) BACKING DISCS

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

NOTE: Dry Discs and other sizes are available on request.

SA BACKING DISCS Ø150mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN340A	M60	BEPNP340A
M120	BEPN340C	M120	BEPNP340C
M200	BEPN340D	M200	BEPNP340D
M300	BEPN340M	M300	BEPNP340M
M400	BEPN340E	M800	BEPNP340E

SA BACKING DISCS Ø200mm

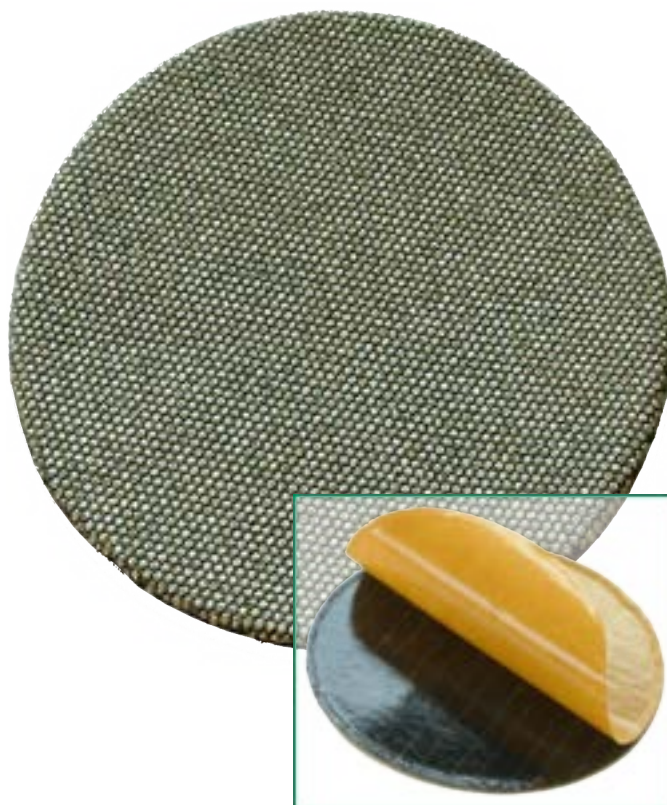
GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN800A	M60	BEPNP800A
M120	BEPN800C	M120	BEPNP800C
M200	BEPN800D	M200	BEPNP800D
M300	BEPN800M	M300	BEPNP800M
M400	BEPN800E	M800	BEPNP800E

SA BACKING DISCS Ø250mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN810A	M60	BEPNP810A
M120	BEPN810C	M120	BEPNP810C
M200	BEPN810D	M200	BEPNP810D
M300	BEPN810M	M300	BEPNP810M
M400	BEPN810E	M800	BEPNP810E

SA BACKING DISCS Ø300mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN831A	M60	BEPNP831A
M120	BEPN831C	M120	BEPNP831C
M200	BEPN831D	M200	BEPNP831D
M300	BEPN831M	M300	BEPNP831M
M400	BEPN831E	M800	BEPNP831E

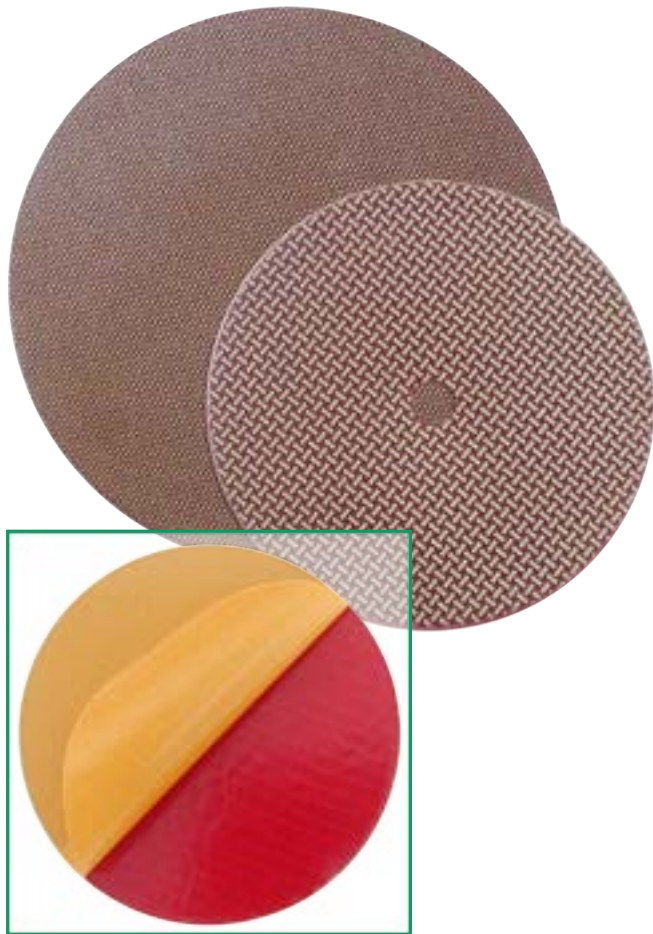


OTHER RELATED PRODUCTS

HAND MACHINES - Pages 42 & 44

Technical Specification: Page 46

flexible discs



OPTIONS:

Electroflex: — up to 600 mm diameter without join (except 60 grit)
Electroplus — up to 300 mm diameter without join

Metal Grades — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit

SA BACKING DISCS

Ø350mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN835A	M60	BEPNP835A
M120	BEPN835C	M120	BEPNP835C
M200	BEPN835D	M200	BEPNP835D
M300	BEPN835M	M300	BEPNP835M
M400	BEPN835E	M800	BEPNP835E

SA BACKING DISCS

Ø400mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN840A	M60	BEPNP840A
M120	BEPN840C	M120	BEPNP840C
M200	BEPN840D	M200	BEPNP840D
M300	BEPN840M	M300	BEPNP840M
M400	BEPN840E	M800	BEPNP840E

SA BACKING DISCS

Ø500mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN845A	M60	BEPNP845A
M120	BEPN845C	M120	BEPNP845C
M200	BEPN845D	M200	BEPNP845D
M300	BEPN845M	M300	BEPNP845M
M400	BEPN845E	M800	BEPNP845E

SA BACKING DISCS

Ø600mm

ELECTROFLEX		ELECTROPLUS	
GRADE	CODE	GRADE	CODE
M60	BEPN865A	M60	BEPNP865A
M120	BEPN865C	M120	BEPNP865C
M200	BEPN865D	M200	BEPNP865D
M300	BEPN865M	M300	BEPNP865M
M400	BEPN865E	M800	BEPNP865E

OTHER RELATED PRODUCTS

HAND MACHINES - Pages 42 & 44

Technical Specification: Page 46

MAGNETIC BACKING DISCS

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

NOTE: Dry Discs and other sizes are available on request.

OPTIONS:

Electroflex: — up to 600 mm diameter without join (except 60 grit)

Electroplus — up to 300 mm diameter without join

Metal Grades — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit

MAGNETIC BACKING DISCS

Ø300mm	ELECTROFLEX		ELECTROPLUS
GRADE	CODE	GRADE	CODE
M60	BEPN2300A	M60	BEPNP2300A
M120	BEPN2300C	M120	BEPNP2300C
M200	BEPN2300D	M200	BEPNP2300D
M300	BEPN2300M	M300	BEPNP2300M
M400	BEPN2300E	M800	BEPNP2300E

Ø350mm

GRADE	CODE	GRADE	CODE
M60	BEPN2350A	M60	BEPNP2350A
M120	BEPN2350C	M120	BEPNP2350C
M200	BEPN2350D	M200	BEPNP2350D
M300	BEPN2350M	M300	BEPNP2350M
M400	BEPN2350E	M800	BEPNP2350E

Ø400mm

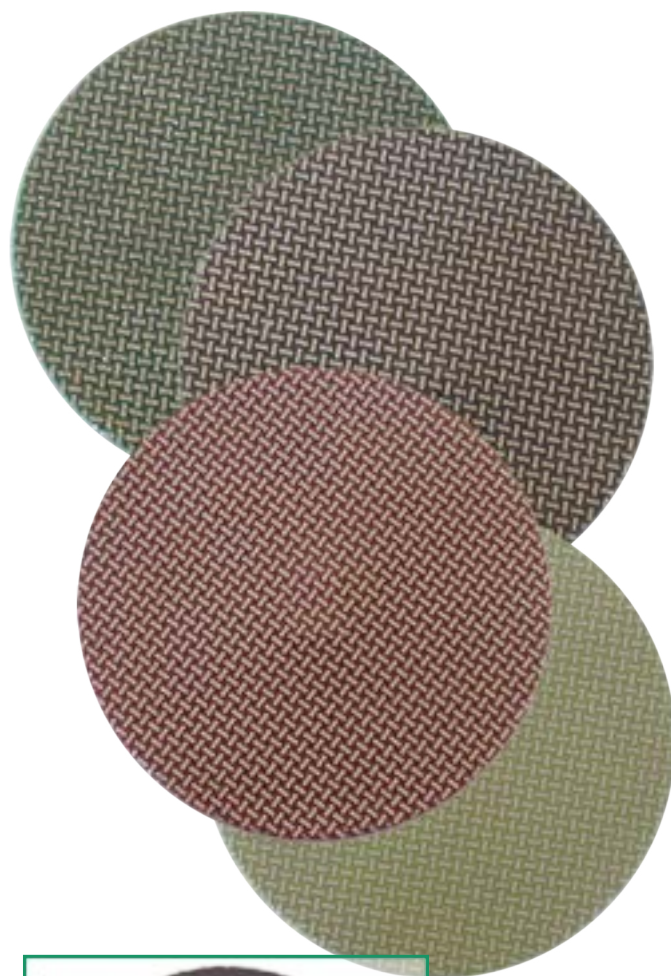
GRADE	CODE	GRADE	CODE
M60	BEPN2400A	M60	BEPNP2400A
M120	BEPN2400C	M120	BEPNP2400C
M200	BEPN2400D	M200	BEPNP2400D
M300	BEPN2400M	M300	BEPNP2400M
M400	BEPN2400E	M800	BEPNP2400E

Ø500mm

GRADE	CODE	GRADE	CODE
M60	BEPN2500A	M60	BEPNP2500A
M120	BEPN2500C	M120	BEPNP2500C
M200	BEPN2500D	M200	BEPNP2500D
M300	BEPN2500M	M300	BEPNP2500M
M400	BEPN2500E	M800	BEPNP2500E

Ø600mm

GRADE	CODE	GRADE	CODE
M60	BEPN2600A	M60	BEPNP2600A
M120	BEPN2600C	M120	BEPNP2600C
M200	BEPN2600D	M200	BEPNP2600D
M300	BEPN2600M	M300	BEPNP2600M
M400	BEPN2600E	M800	BEPNP2600E

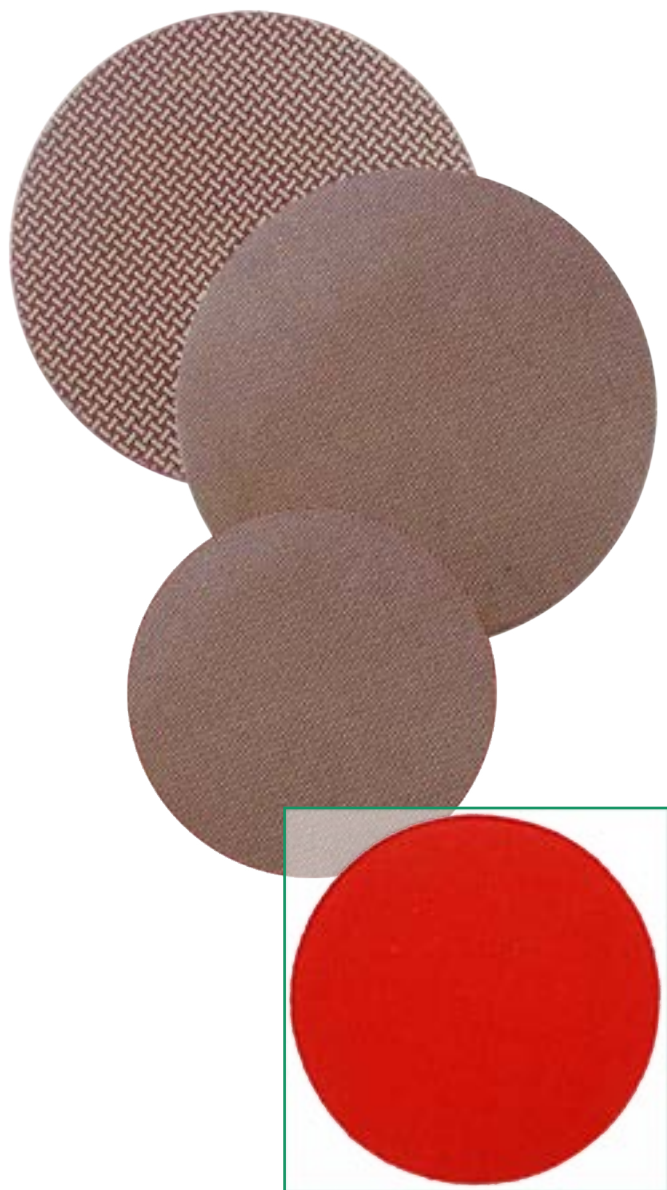


OTHER RELATED PRODUCTS

HAND MACHINES - Pages 42 & 44

Technical Specification: Page 46

flexible discs



UNBACKED (CANVAS) DISCS

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

NOTE: Dry Discs and other sizes are available on request.

OPTIONS:

Electroflex: — up to 600 mm diameter without join (except 60 grit)
Electroplus — up to 300 mm diameter without join

Metal Grades — Electroflex 60 - 400 grit
Electroplus 60 - 800 grit

UNBACKED (CANVAS) DISCS

Ø75mm GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN140A	M60	BEPNP140A
M120	BEPN140C	M120	BEPNP140C
M200	BEPN140D	M200	BEPNP140D
M300	BEPN140M	M300	BEPNP140M
M400	BEPN140E	M800	BEPNP140E
Ø100mm			
M60	BEPN145A	M60	BEPNP145A
M120	BEPN145C	M120	BEPNP145C
M200	BEPN145D	M200	BEPNP145D
M300	BEPN145M	M300	BEPNP145M
M400	BEPN145E	M800	BEPNP145E
Ø115mm			
M60	BEPN150A	M60	BEPNP150A
M120	BEPN150C	M120	BEPNP150C
M200	BEPN150D	M200	BEPNP150D
M300	BEPN150M	M300	BEPNP150M
M400	BEPN150E	M800	BEPNP150E
Ø125mm			
M60	BEPN155A	M60	BEPNP155A
M120	BEPN155C	M120	BEPNP155C
M200	BEPN155D	M200	BEPNP155D
M300	BEPN155M	M300	BEPNP155M
M400	BEPN155E	M800	BEPNP155E
Ø150mm			
M60	BEPN160A	M60	BEPNP160A
M120	BEPN160C	M120	BEPNP160C
M200	BEPN160D	M200	BEPNP160D
M300	BEPN160M	M300	BEPNP160M
M400	BEPN160E	M800	BEPNP160E

OTHER RELATED PRODUCTS

HAND MACHINES - Pages 42 & 44

Technical Specification: Page 46

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	—	Electroflex 60 - 400 grit Electroplus 60 - 800 grit

D-LOC DISCS Ø25mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN900A	M60	BEPNP900A
M120	*BEPN900C	M120	BEPNP900C
M200	*BEPN900D	M200	BEPNP900D
M300	BEPN900M	M300	BEPNP900M
M400	*BEPN900E	M400	BEPNP900E

D-LOC DISCS Ø50mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	*BEPN910A	M60	BEPNP910A
M120	*BEPN910C	M120	BEPNP910C
M200	*BEPN910D	M200	BEPNP910D
M300	BEPN910M	M300	BEPNP910M
M400	*BEPN910E	M400	BEPNP910E

D-LOC DISCS Ø75mm

GRADE	ELECTROFLEX CODE	GRADE	ELECTROPLUS CODE
M60	BEPN915A	M60	BEPNP915A
M120	BEPN915C	M120	BEPNP915C
M200	BEPN915D	M200	BEPNP915D
M300	BEPN915M	M300	BEPNP915M
M400	BEPN915E	M800	BEPNP915E



When ordering please state Code.

OTHER RELATED PRODUCTS

D-LOC MANDRELS - Page 40

Technical Specification: Page 46

resin discs



Technical Specification: Page 46

PUMA FLEXIBLE RESIN DISCS

A good performing 100 mm diameter flexible diamond resin disc available at a very competitive price. The Puma discs very quickly grind and polish harder type plate glass achieving a good finish.

For PLATE GLASS (harder type)		Ø100mm (QRS)
CODE	COLOUR	GRADE
*BWPD005	Green	50
*BWPD015	Black	100
*BWPD020	Red	200
*BWPD025	Yellow	400
*BWPD030	White	800
*BWPD035	Blue	1500
*BWPD040	Orange	3000
*BWPD045	Green	(Buff)
*BWPD100	Complete Set 50 - Green Buff	

DIA-GEM FLEXIBLE QRS DISCS

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

OPTIONS:

Diameters: — 80 & 100 mm
Grades: — 60 - 12000

For GLASS (softer lead based)		Ø80mm (QRS)
CODE	COLOUR	GRADE
BEPNI120A	Green	60
BEPNI120C	Black	140
BEPNI120D	Red	300
BEPNI120E	Yellow	800
BEPNI120G	White	1200
BEPNI120H	Blue	1800

For GLASS (softer lead based)		Ø100mm (QRS)
CODE	COLOUR	GRADE
*BEPNI082	Green	60
*BEPNI087	Black	140
*BEPNI092	Red	300
*BEPNI097	Yellow	800
*BEPNI102	White	1200
*BEPNI107	Blue	1800
*BEPNI112	Orange	12000



Technical Specification: Page 47

OTHER RELATED PRODUCTS

BACKUP PADS - Page 41
HAND MACHINES - Pages 42 & 44

resin discs/wheels

DIA-SOL 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.

OPTIONS:

Diameter: — 100 mm
Grades: — Black (Coarse), Red (Medium), Yellow (Fine)
Fittings: — M14

For GLASS		Ø100mm M14
CODE	COLOUR	GRADE
*RFD005	Green	60
*RFD010	Black	120
*RFD015	Red	200
*RFD020	Yellow	400
*RFD025	White	1000
*RFD030	Blue	2000
RFD035	Orange	10000

M14 SHOULDER ADAPTORS

CODE	DESCRIPTIONS
MMP	M16 to M14 for M14 Flexible Discs
*MMP687	M14 to M14 for M14 Flexible Discs

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.

Special resin wheels for crystal glass grinding and polishing are also available.

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. Prices on request.

When ordering please state Code.



Technical Specification: Page 47



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.

We supply a wide range of metal bond tooling including wheels, parallel routers as well as radius routers, angled routers, and countersinks which can be used in conjunction with the range of electroformed glass drills.

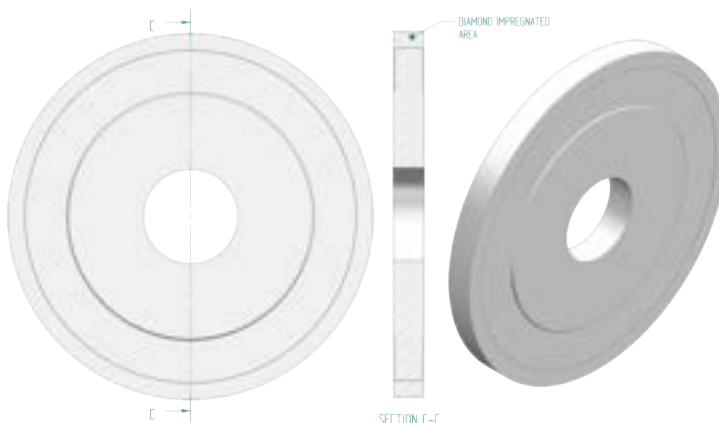


PENCIL EDGE DIAMOND PROFILE WHEELS

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 arrissing machines.

MB DIAMOND 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 — 115 - 500 mm



MB DIAMOND GLASS BLADES

CODE	SIZE (mm)	LAYER HEIGHT
*BMS4106	Ø80 x 1.4 x 20/16mm bore	5mm
*BMS109	Ø100 x 1.2 x 16mm bore	10mm
*BMS4115	Ø115 x 0.8 x 16mm bore	5mm
*BMS4125	Ø125 x 0.8 x 22.2mm bore	5mm
*BMS4150	Ø150 x 0.8 x 22.2mm bore	5mm
*BMS4180	Ø180 x 0.8 x 22.2mm bore	5mm
*BMS4200	Ø200 x 0.8 x 22.2mm bore	5mm
*BMS4230	Ø230 x 0.8 x 22.2mm bore	5mm
*BMS4250	Ø250 x 0.8 x 22.2mm bore	5mm



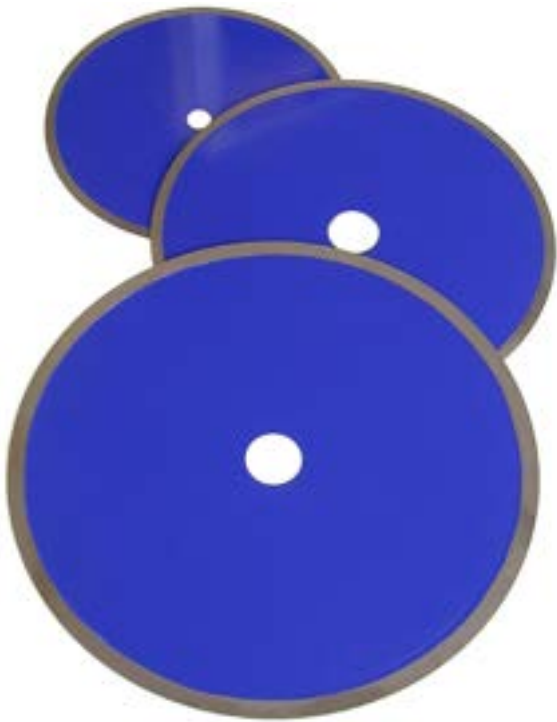
MB DIAMOND GLASS BLADES

CODE	SIZE (mm)	LAYER HEIGHT
*BMS4300	Ø300 x 1.6mm	5mm
*BMS4350	Ø350 x 1.8mm	7.5mm
*BMS4400	Ø400 x 1.8mm	7.5mm
*BMS4450	Ø450 x 2mm	7.5mm
*BMS4500	Ø500 x 2mm	7.5mm

Note: Please specify bore size when ordering.

When ordering please state Code.

Technical Specification: Page 47



RB DIAMOND GLASS BLADES

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

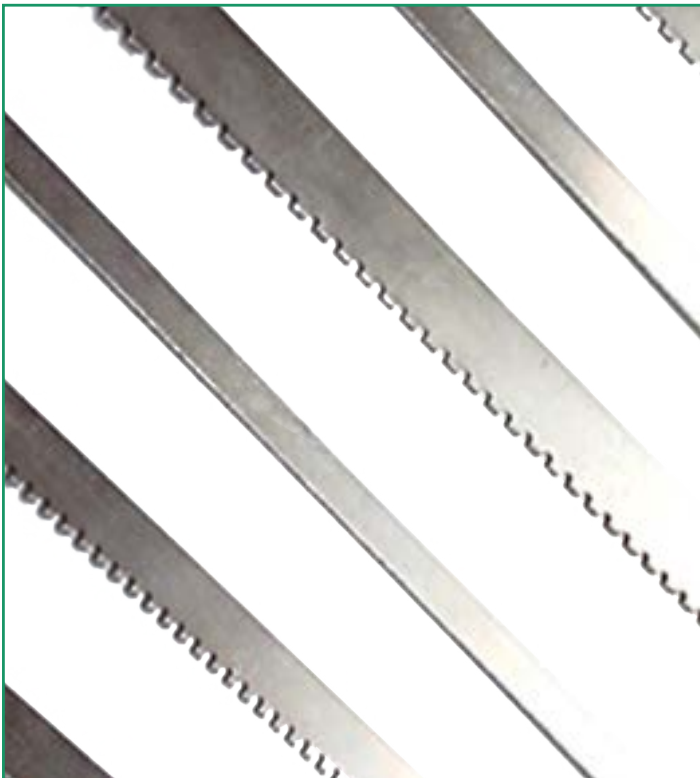
OPTIONS:

Diameters — 200, 250 & 300 mm

RB DIAMOND GLASS BLADES

CODE	SIZE (mm)	SPECIFICATION
RPW160	200 x 1 x 6	TD46-C100-T2-S
RPW170	250 x 1 x 6	TD46-C100-T2-S
RPW180	300 x 1.5 x 6	TD46-C100-T2-S

Note: Please specify bore size when ordering.



BANDSAW BLADES

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

BANDSAWS 12, 19 & 25 mm Widths

GRADE

60/85

85/100

100/120

150/170

200/240

Tension Gauge

Technical Specification: Page 47

CERIUM POWDER

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.

POLISH FINISHING ENHANCER

CODE	SIZE
*BMP990	1 Kg
*BMP989	½ Kg

FELT MOP DONUT

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

FELT MOP DONUT

CODE	DESCRIPTION
*BMP292	125mm diameter, 50mm thick, M14
BMP296	180mm diameter, 25mm thick, M14

FELT PADS

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

FELT PAD

CODE	FITTING
*MMP112	M14
*BES100	QRS

BACKUP PADS

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

BACKUP PADS

CODE	DESCRIPTION	SIZE
*BMP137	QRS	Ø 25mm, 3mm shank
	with soft foam	
*BMP138	QRS	Ø 50mm, shank 6mm x 30mm long
	with soft conical foam	
*BMP139	QRS Rigid	Ø 50mm, shank 6mm x 30mm long
*BMP131	QRS	Ø 50mm, M14 fixing
	with soft conical foam	
*BMP132	Shank adaptor	M14 to 6mm x 20mm long



OTHER RELATED PRODUCTS

GPS FLEXIBLE DISCS - Page 26



EXPANDING RUBBER DRUMS

Suitable for hand held or stationary machines.

NOTE:

For use with Expanding Rubber Drum Belts - see Pages 12 & 13.
Reducing adaptors are available

Ø 75 x 38mm, 100 x 38mm and 150 x 38mm

CODE	SIZE	BORE Ø
*BES580	Ø75 x 38mm	25mm
*BES605	Ø100 x 38mm	25mm
*BES520	Ø150 x 38mm	50mm

RUBBER DRUM ADAPTOR

Used in conjunction with expanding drums on stationary machines.

CONTINENTAL (½" BSP) TO 75 / 100mm

CODE
*MMP190

D-LOC MANDRELS

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

BACKUP PAD

CODE	DIAMETER
*BES900	Ø25mm
*BES910	Ø50mm
*BES915	Ø75mm

EXPANDING RUBBER MANDRELS

For flexible diamond mandrel bands. See pages 10-11.

MANDREL

CODE	DIAMETER
*BES3010	10 x 20mm, Shank Ø6mm
*BES3015	15 x 30mm, Shank Ø6mm
*BES3020	22 x 20mm, Shank Ø6mm
*BES3025	25 x 25mm, Shank Ø6mm
*BES3030	30 x 30mm, Shank Ø6mm
*BES3035	45 x 30mm, Shank Ø6mm

OTHER RELATED PRODUCTS

EXPANDING RUBBER DRUM BELTS - Pages 12 - 13
D-LOC DISCS - Page 33
MANDREL BANDS - Pages 10 - 11

BACKUP PADS

Backing pads for QRS discs.

QRS FLAT TYPE

DIAMETER	FITTING	CODE
80mm	M14	MMP067
100mm	M14	*MMP070

QRS CUSHIONED TYPE (12mm Cushion)

DIAMETER	FITTING	CODE
80mm	M14	*MMP067C
100mm	M14	*MMP070C
115mm	M14	*MMP090C

QRS RUBBER TYPE (Semi Rigid)

DIAMETER	FITTING	CODE
75mm	M14	*BMP140
100mm	M14	*BMP143
125mm	M14	*BMP146



CUSHIONED TYPE



RUBBER TYPE



QRS FLAT TYPE

OTHER RELATED PRODUCTS

QRS Discs - Page 27
Puma Discs - Page 34
Dia-Gem Discs - Page 34

OIL MIST LUBRICATOR

Complete with filter, regulator, oil mist lubricator and manual drain.

For use with Air Machines

CODE		DESCRIPTION
*BMP032	Mini	55 cu. ft./min 1650 litre/min

OTHER RELATED PRODUCTS

Air Machines - Pages 42 - 43

ALUMINIUM OXIDE DRESSING STICKS

Dress diamond drills wet with aluminium oxide sticks.

DRESSING STICKS

CODE	SIZE	GRADE
*BMP010	1" x 1" x 6"	120 grit
*BMP015	1" x 1" x 6"	220 grit

OTHER RELATED PRODUCTS

Diamond Drills - Pages 1-3



AIR POWERED MACHINE

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.

AS100 Angle Saw

CODE	DESCRIPTION
*BPMAS100	AS100 Angle Saw Machine

Continuous Rim Metal Bond Saw Blade

CODE	SIZE
*BMS109	100mm diameter x 1.2 x 16mm



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.

AS125 Angle Saw

CODE	DESCRIPTION
*BPMAS125	AS125 Angle Saw Machine

Continuous Rim Metal Bond Saw Blade

CODE	SIZE
*BMS4125	125mm diameter x 0.8 x 22.2mm

Soleplate with adjustable depth gauge

CODE	DESCRIPTION
MMPS01	Adjustable Sole Plate & Handle



When ordering please state Code.

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.

AS80 ANGLE SAW

CODE	DESCRIPTION
*BPMAS80W	AS80 Pneumatic Wet Saw

SAW ACCESSORIES

CODE	DESCRIPTION
*BMS4105	Ø80mm x 0.7 x 15mm bore - MB



QUICK Q-6R PNEUMATIC WET POLISHER

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

Variable Speed Polisher

CODE	DESCRIPTION
*BPMQ6R	Q-6R Rear Exhaust Polisher

OTHER RELATED PRODUCTS

100mm Flexible Discs - Pages 27 - 32
Puma & Dia-Gem Discs - Page 34
Dia-Sol Discs - Page 35
Drums - Page 18



AIR BELT POLISHERS

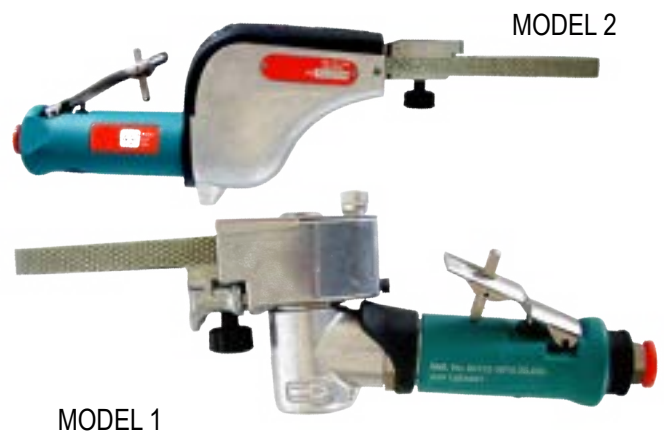
Diamond belt machine with Locklever for grinding, deburring and polishing difficult to reach areas. With 7° offset and rear exhaust.

Narrow Belt Polishing Machines

CODE	MODEL	BELT SIZE
BPMDY005	1	8-13 x 305mm
BPMDY010	2	8-13 x 610mm

OTHER RELATED PRODUCTS

Electroflex Belts - Page 14



MODEL 1

MODEL 2

Technical Specification: Page 47

hand machines

ELECTRIC MACHINE

FEIN MULTIMASTER MM 700

The Fein Multimaster MM 700 is used for dry polishing or grout removal.

Angle Grinders 110v

PART NO.	MODEL	SPEED
BEMFMM	DRY	Variable 10,000-19,500

Fein Backup Pads

Box of 2

CODE	DESCRIPTION
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OTHER RELATED PRODUCTS

FEIN TRIANGULAR PADS - Page 23

FLEX ANGLE POLISHERS

A powerful electrically driven angle grinder used for removing sharp edges, arrising and bevelling. The Flex produces a smooth and even cut due to the fixed low speed.

Angle Grinders 110v

PART NO.	MODEL	SPEED
*BEMLW1503	WET	3,600
BEMLE123VR	100 110v WET/DRY	Variable 1200-3,700
*BEML1503VR	1200 Watt - DRY	Variable 1200-3,700
*MMP687	M14 - M14 AS70 Adaptor	
MMP686	Spanner 22mm open end for Adaptor	
MMP881	Splashguard	
MMP680	Hose 3 mt including male couplins	

OTHER RELATED PRODUCTS

100mm Flexible Discs - Pages 25, 27 - 32
Puma & Dia-Gem Discs - Page 34
Dia-Sol Discs - Page 35
Drums - Page 18

When ordering please state Code.

Technical Specification: Page 47

STRIP, REPLATE & REDRESS SERVICE

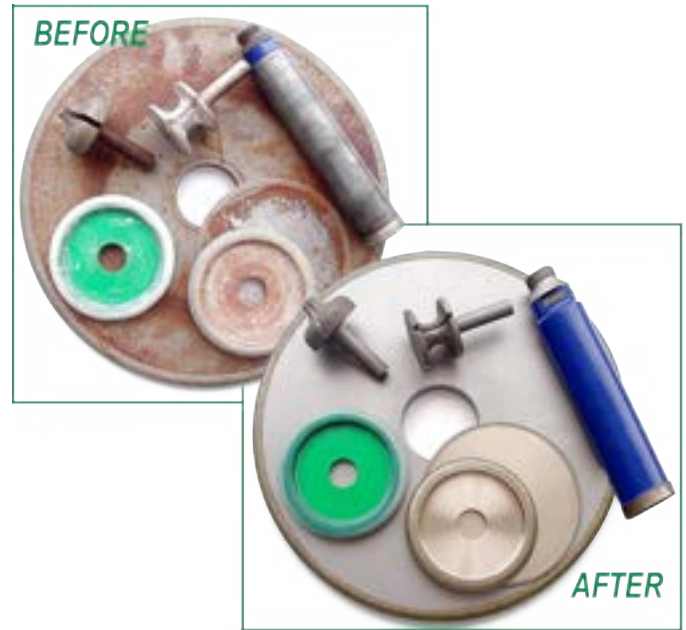
SAVE up to 40% by giving your old tools a new lease of life using a STRIP & REPLATE or RE-TIP SERVICE!

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

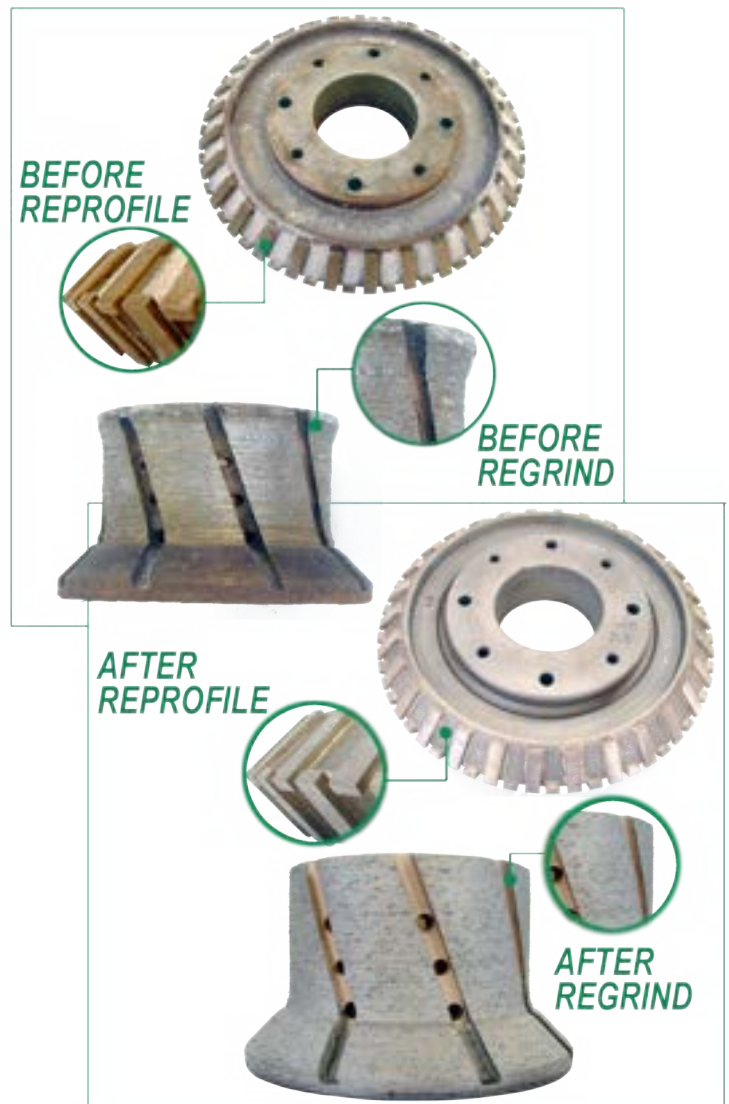


REGRINDING & REPROFILING METAL BOND TOOLS

We can offer 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 us 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 - 4

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 3 - 4

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 5

Refer to machine manufacturers recommendations for speeds.

KEY TOOLS - PAGE 6

Refer to machine manufacturers recommendations for speeds.

EXPANDING RUBBER MANDREL BANDS - PAGES 10 - 11

Refer to machine manufacturers recommendations for speeds.

EXPANDING RUBBER DRUM BELTS - PAGES 12 - 13

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 14 - 17

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 18

POLISHING	MOS
Wet	3,600 rpm

ELECTROFLEX GPS DISCS - PAGE 26

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

FLEXIBLE DISCS - PAGES 27 - 32

Refer to machine manufacturers recommendations for speeds.

D-LOC DISCS - PAGE 33

Refer to machine manufacturers recommendations for speeds.

PUMA FLEXIBLE RESIN DISCS - PAGE 34

POLISHING	MOS
Wet	3,600 rpm

technical specification

DIA-GEM FLEXIBLE QRS DISCS - PAGE 34

POLISHING	MOS
Wet	3,600 rpm

DIA-SOL DISCS - PAGE 35

POLISHING	MOS
Wet	3,600 rpm

MB GLASS BLADES - PAGE 37

CUTTING	MOS
Wet	35M/SEC

RB DIAMOND GLASS BLADES - PAGE 38

CUTTING	MOS
Wet	35M/SEC

BANDSAW BLADES - PAGE 38

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

AS100 ANGLE SAW - PAGE 42

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 42

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 43

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

AIR BELT POLISHERS - PAGE 43

WEIGHT	MODEL	AIR FLOW	MOTOR	SPEED
		SCFM (LPM)	hp	
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 44

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

FLEX ELECTRIC ANGLE POLISHERS - PAGE 44

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

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.

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