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THE COMPANY

BIBIELLE is a company specialized in the production and marketing of top-quality abrasive products which are particularly suited to working on metals.

Founded in 1965, over the last years BIBIELLE has allocated considerable resources to the development of innovative materials such as **STRIP-IT**, **SURFACE CONDITIONING** and **HIGH PERFORMANCE NONWOVEN** products which are manufactured in the modern factory in Margarita - Italy. Alongside more traditional flexible abrasives, these basic materials have been developed into a wide range of finished products sold in more than 45 countries spread over 5 continents.

We are fully aware that our customers are our most valuable resource. And that is why our customer-oriented vision forces us to keep on creating innovative products and effective sales tools allowing us to build up a mutually profitable and long-lasting cooperation with you.

BIBIELLE is and always will be your honest, serious, attentive and reliable partner.



GENERAL TERMS AND CONDITIONS OF SALE

Carriage Paid: Orders over £100 (exclusive of VAT) will not be subject to a carriage charge.

Carriage Charge: Orders under £100 (exclusive of VAT) will incur a carriage charge of £8.00.

Special Delivery: Special delivery requests will be charged at cost.

Returns: No returns shall be accepted without prior consent of BIBIELLE UK Ltd.

Only highlighted item may be returned in full un-opened boxed quantities.

Non highlighted items cannot be cancelled or returned once ordered.

Handling Charge: A handling charge of 30% will be incurred on all returned goods.

Order Cancellation: If an order is to be cancelled this must occur within 24 hours of the order being placed, BIBIELLE UK Ltd must be notified in writing.

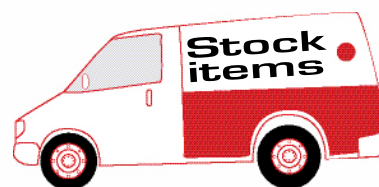
Disputes: Any disputes relating to invoicing must be notified in writing within 7 days from date of invoice.

Pack Quantities: Each order has to request at least one packaging unit or its multiples. For orders requesting partial packaging units a whole packaging unit will be supplied.

All goods remain the property of BIBIELLE UK Ltd until paid for in full.

BIBIELLE UK Ltd reserves the right to make changes without notification.

If BIBIELLE UK Ltd, does not accept an order due to insolvency or lack of trust due to unresolved payment issues, BIBIELLE UK Ltd may notify the customer in writing detailing the reason, and next course of action.



Stock items

Fast-moving items are marked with a red dot in the catalogue and are available from local stock or from the general european stock in Italy.

LIST OF SYMBOLS AND ABBREVIATIONS

diam.	outer diameter of the tool;
th.	thickness (width) of the tool;
shaft	diameter of the shaft of the tool;
hole	diameter of the hole of the tool;



max max. oper. speed not to be exceeded;



rpm suggested oper. speed to obtain the best performances of the tool;



packaging unit of the product (number of pieces);

A/O Aluminium Oxide.

Z Zirconium.

S/C Sicilon Carbide.

All the measures mentioned in the price list are in millimeters.

All prices are Unit in GBP net of VAT.

Each order has to request at least one packaging unit or its multiples. For orders requesting partial packaging units a whole packaging unit will be supplied.



bibielle

Abrasive Technologies

**SECTION I:
FINISHING, MASKING and
SATIN FINISHING products**

Introduction to BIBIELLE three-dimensional abrasives

BIBIELLE is one of the few manufacturers of top-quality three-dimensional abrasives in the world.

Our three-dimensional abrasive materials consist of an open web made of nylon filaments into which the abrasive grits are evenly distributed and fixed into position with special resins.

Thanks to their unique texture they offer lots of benefits compared with traditional abrasives both in terms of surface finish quality and user friendliness.

The rapid technological advances in metal cutting, welding, forming and moulding processes increasingly require innovative abrasive materials which are able to offer state-of-the-art performance and high standards of finish.

During the last ten years BIBIELLE has allocated considerable resources to the research and development of a series of high-technology three-dimensional abrasive materials in order to meet this specific market requirement.

Thanks to its dedication to research sustained over many years and to the investments used for developing this project, BIBIELLE is nowadays in a position to offer one of the most comprehensive ranges of three-dimensional materials available on the market and has rapidly won renown as a reliable and highly qualified manufacturer.

In addition to this our very stringent inspection system monitors all production and conversion processes thus ensuring the extremely consistent quality levels which our products enjoy.

But ... we never rest on our laurels. Our R&D department is constantly engaged in developing new solutions for improving our production technology as well as the performance levels of our products. Moreover, the experience gained from our daily direct contact with end users enables us to keep in touch with all the possible developing needs and requirements of the various end-user industries.

Our principal aim is to constantly offer innovative and efficient solutions which are able to satisfy the requirements of the many types of application.

The products included in this section are:

SURFACE CONDITIONING

NON WOVEN

STRIP-IT

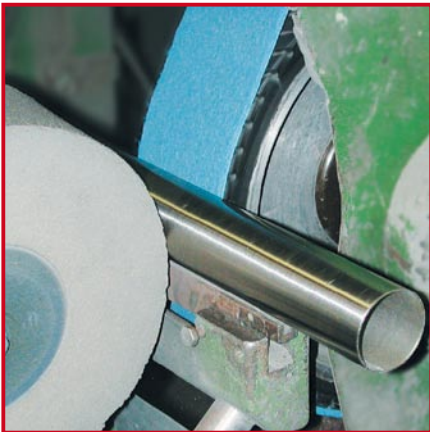
STRIP-IT RED

STRIP-IT PLUS

SYSTEM FOR SATIN FINISH MACHINE



SURFACE CONDITIONING



Description:

BIBIELLE Surface Conditioning products are made of an abrasive material evenly distributed through a three-dimensional network of nylon filaments reinforced by a cloth backing so as to perform in applications requiring high mechanical strength.

Main features and benefits:

Thanks to their texture, Surface Conditioning products combine the typical benefits of abrasive nonwoven products (consistent finishing quality, user friendliness, ventilation) with the use on standard machine tools for flexible abrasives which can be both portable (angle or straight grinders, small-sized belt grinders) and stationary (standard belt polishing machines).

Specific feature of BIBIELLE's Surface Conditioning are:

- **consistent and repeatable finish during the entire application:** thanks to their three-dimensional texture, Surface Conditioning products ensure continuous exposure of new grit as the abrasive material wears out.

As a consequence, finishing quality is consistent during the entire working process.

- **controlled cutting process:** slight pressure variations due to the shape of the workpiece (sagging, protrusion, imperfect flatness) or to manual working are easily compensated by the soft texture of the Surface Conditioning products leading to even and smooth operation. The flexible three-dimensional texture avoids deep scratches along the edge of the abrasive tool.

- **user friendliness:** thanks to their tolerance to slight pressure variations and to their adaptability to the workpiece, our Surface Conditioning products are extremely easy to use. In the case of manual operations abrasive waste caused by working errors, operator's fatigue and training time are dramatically reduced.

- **low temperature of work surfaces:** thanks to the forced ventilation of the three-dimensional texture, work surface temperature is kept under control while avoiding deformation in the case of thin plates and reducing setup time for subsequent operations.

- **resistance to clogging:** the three-dimensional texture facilitates the escape of waste whilst preventing the abrasive surface from clogging and reducing its efficiency.

- **no smearing:** thanks to special resin formulations BIBIELLE Surface Conditioning products ensure bright surfaces without smearing.

- **low noise levels:** the soft low-density texture of our Surface Conditioning products leads to dramatically lower noise levels than traditional abrasives whilst reducing operators' fatigue and ensuring compliance with health and safety rules.

- **one or more abrasive operations can be avoided:** since our Surface Conditioning products offer highly efficient removal and excellent finish quality they sometimes allow operators to reduce the number of operations needed for obtaining the desired result.

- **fast cutting process:** our Surface Conditioning products offer faster cutting performance than nonwoven abrasives without backing since they can be used at high speed and in heavy-duty applications.

- **surfaces are easier to clean:** because the abrasive action is kept under control marks left by the abrasive grit on the work surface are very consistent, shallow and therefore easier to clean.

More aggressive abrasives – even with the same grit size – (are likely to leave deeper 'swirl marks' with irregular edges.

In the case of machinery used for food processing, for instance, very deep or irregular scratches can be easily filled with organic substances hard to wash away using standard

methods thus contaminating subsequent working cycles.

Recommended applications:

Surface Conditioning products are suitable for cleaning parts made of stainless steel, aluminium or other metals, for satin finishing small or large surfaces, for light deburring or removing thin TIG or MIG weld beads, for cleaning marks left by previous operations as well as for removing scale.

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass.

Industries served:

- Production and maintenance of machinery and equipment for the chemical, pharmaceutical, medical and food industries.
- Automotive industry, in particular for satin finishing parts and for cleaning and removing weld beads on thin plates and aluminium.
- Metalworking.
- Steel and stainless steel furniture.
- Decorative finish of design objects and fittings.
- Inner surface finish of high-quality pots and pans.
- Manufacture of motorbike and bicycle frames.
- Inner and outer surface finish of aircrafts.
- Manufacture of turbines.
- Manufacture of skis and snowboards.
- Shipbuilding, production and maintenance of hulls made of aluminium, steel and plastic reinforced by fibre glass

Types of Surface Conditioning:

BIBIELLE manufactures a wide range of Surface Conditioning materials so as to offer the most suitable product for each application. This range has been developed thanks to a direct knowledge of these specific applications and has been designed to meet users' requirements and needs in the best possible way.

BIBIELLE Surface Conditioning products are available in a wide range of grits and types easily identifiable by the colour of their abrasive and the colour of their backing.

SCLS - Low Stretch

The main features of BIBIELLE Surface Conditioning Low Stretch products are:

- Long life
- High cutting performance and consistent finishing quality
- Maximum user friendliness
- Excellent tensile strength

SCLS Low Stretch – disponibilità grane e codifica colore

Grit	Abrasive colour	Backing colour	Grit type
Coarse	Brown	Brown	Aluminum Oxide
Medium	Red	Red	Aluminum Oxide
Very Fine	Blue	Blue	Aluminum Oxide
Ultra Fine	Grey	Grey	Silicon Carbide

This material has a high tensile strength and has been specifically designed to be converted into medium & large-sized belts.

SCSB – Scrim Back

The main features of BIBIELLE Surface Conditioning Scrim Back products are:

- Fast and heavy abrasive action
- High resistance to clogging
- Extremely long life

SCSB Scrim Back – disponibilità grane e codifica colore

Grit	Abrasive colour	Backing colour	Grit type
Coarse	Brown	Brown	Aluminum Oxide
Medium	Red	Red	Aluminum Oxide
Very Fine	Blue	Blue	Aluminum Oxide

This material can be ideally converted into discs and quick-change discs. High stock removal, open coat.

SCXF – X-Flex

BIBIELLE is the only manufacturer of this material which has been specially designed to avoid delamination, in particular when converted into short belts for portable machine tools (for example Dynabrade).

The main features of BIBIELLE Surface Conditioning X-Flex products are:

- Extreme flexibility
- No delamination even if used on 3-mm diameter contact wheels
- Easy to fit even on very compact machines (for instance Dynabrade 1)

SCXF X-Flex – disponibilità grane e codifica colore

Grit	Abrasive colour	Backing colour	Grit type
Coarse	Brown	Green	Aluminum Oxide
Medium	Red	Green	Aluminum Oxide
Very Fine	Blue	Green	Aluminum Oxide

SCHD – Heavy Duty

Thanks to its ceramic aluminium oxide abrasive grit, this material is particularly suitable for all applications requiring heavy removal since it ensures faster and heavier cutting operations. By offering highly efficient removal SCHD products can replace fibre discs or flap discs in some applications (for instance, removal of thin, small-sized TIG weld seams).

The main features of BIBIELLE Surface Conditioning Heavy Duty products are:

- Fast and heavy cutting action
- Highly efficient removal
- Removal of TIG or MIG weld beads
- High resistance to stress

SCHD Heavy Duty – disponibilità grane e codifica colore

Grit	Abrasive colour	Backing colour	Grit type
Coarse	Brown	Blue	Ceramic Aluminum Oxide
Medium	Red	Blue	Ceramic Aluminum Oxide

This material can be converted into discs, quick-change discs or belts



SCLS custom-made surface conditioning belts

LOW STRETCH

Description:

This SCLS Low Stretch material can be converted into custom-made sizes at the customer's request.

Main features and benefits:

Long life, good cutting performance and consistent finishing quality, user friendliness, excellent tensile strength.

Recommended applications:

Cleaning parts made of stainless steel, aluminium or other metals, satin finishing small or large surfaces, light deburring, cleaning marks left by previous operations and removing scale

Work surfaces:

Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass.

SCLS belts for industrial grinders

sizes		A/O Coarse Brown	A/O Medium Red	A/O Very Fine Blue	S/C Ultra Fine Grey
100x1000	5	SCB400 • 35,57	SCB401 • 34,00	SCB402 • 32,35	SCB413 32,42
120x1500	5	SCB403 • 62,15	SCB404 • 59,20	SCB405 • 56,44	SCB414 • 56,44
150x1750	5	SCB406 89,78	SCB407 85,58	SCB408 81,51	SCB415 81,44
75x2000	5	SCB409 • 34,31	SCB410 • 32,70	SCB411 • 31,13	SCB412 • 31,13
150x2000	5	SCB518 68,63	SCB519 65,39	SCB520 62,26	SCB521 62,26

SCLS custom-made belts PRICE (running meter)

width	min. order q.ty	A/O Coarse Brown	A/O Medium Red	A/O Very Fine Blue	S/C Ultra Fine Grey	Joint
15	16	4,00	3,80	3,62	3,62	1,07
20	12	5,34	5,08	4,83	4,83	1,07
25	12	6,68	6,35	6,04	6,04	1,07
30	8	8,01	7,61	7,23	7,23	1,07
35	8	9,07	8,88	8,43	8,43	1,07
40	6	10,69	10,15	9,66	9,66	1,07
50	6	13,36	12,69	12,06	12,06	1,33
55	5	14,69	13,96	13,27	13,27	1,47
60	4	16,01	15,21	14,46	14,46	1,60
70	4	18,69	17,76	16,87	16,87	1,87
75	4	20,03	19,04	18,08	18,08	2,01
80	3	21,36	20,30	19,30	19,30	2,14
100	3	26,70	25,37	24,11	24,11	2,67
120	2	32,05	30,44	28,93	28,93	3,20
150	2	40,06	38,06	36,16	36,16	4,00
200	1	53,40	50,75	48,22	48,22	5,34
250	1	66,76	63,42	60,27	60,27	6,68
300	1	80,10	76,10	72,30	72,30	8,01



SCXF surface conditioning belts X-FLEX

Description: This SCXF X-Flex material can be converted into custom-made sizes at the customer's request.

Main features and benefits: Extremely flexible, does not delaminate even if used with 3 mm diameter contact wheels. Easy to fit on very compact machinery.

Recommended applications: Cleaning parts made of stainless steel, aluminium or other metals, satin finishing small surfaces, light deburring or removing TIG or MIG weld beads on hard-to-reach places, cleaning marks left by previous operations and removing scale.

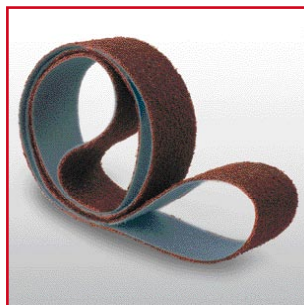
Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass.

SCXF for portable machine tools

width x lenght		A/O Coarse Brown	A/O Medium Red	A/O Very Fine Blue	Tool Manufacturer
6x610	20	SCB306 • 2,22	SCB307 • 2,13	SCB308 • 2,10	DYNABRADE, LOESER
13x610	20	SCB309 • 3,64	SCB310 • 3,52	SCB311 • 3,39	DYNABRADE, LOESER
6x457	20	SCB218 • 1,87	SCB219 • 1,78	SCB220 • 1,75	DYNABRADE
13x457	20	SCB221 • 2,99	SCB222 • 2,91	SCB223 • 2,81	DYNABRADE
19x457	20	SCB312 • 3,64	SCB313 • 3,52	SCB314 • 3,39	DYNABRADE
6x305	20	SCB315 • 1,61	SCB316 • 1,55	SCB317 • 1,52	DYNABRADE
13x305	20	SCB318 • 2,36	SCB319 • 2,29	SCB320 • 2,24	DYNABRADE
12x520	20	SCB500 • 3,08	SCB501 • 2,87	SCB502 • 2,84	SUHNER, PFERD
19x520	20	SCB503 • 4,27	SCB504 • 4,13	SCB505 • 3,99	SUHNER, PFERD
9x533	20	SCB506 • 3,08	SCB507 • 2,94	SCB508 • 2,91	FLEX
13x533	20	SCB324 • 3,32	SCB325 • 3,21	SCB326 • 3,11	SUHNER, PFERD, FLEX, SECO
30x533	20	SCB509 • 5,95	SCB510 • 5,67	SCB511 • 5,46	SUHNER, PFERD, FLEX, SECO
40x618	20	SCB512 • 8,61	SCB513 • 8,19	SCB514 • 7,84	SUHNER, PFERD
20x815	20	SCB515 • 6,09	SCB516 • 5,74	SCB517 • 5,53	FEIN, FLEX

SCXF custom-made belts PRICE (running meter)

width	min. order q.ty	A/O Coarse Brown	A/O Medium Red	A/O Very Fine Blue	Joint
15	16	4,22	4,01	3,81	1,07
20	12	5,62	5,34	5,08	1,07
25	12	7,00	6,68	6,34	1,07
30	8	8,42	8,00	7,60	1,07
35	8	9,82	9,33	8,86	1,07
40	6	11,22	10,67	10,14	1,07
50	6	14,03	13,34	12,67	1,33
55	5	15,42	14,67	13,94	1,47
60	4	16,83	15,98	15,18	1,60
70	4	19,63	18,66	17,71	1,87
75	4	21,03	19,98	18,99	2,01
80	3	22,43	21,32	20,26	2,14
100	3	28,04	26,65	25,32	2,67
120	2	33,65	31,97	30,38	3,20
150	2	42,07	39,96	30,38	4,00
200	1	56,08	53,29	50,62	5,33



SCHD nastri su misura in surface conditioning **HEAVY DUTY**

Description:

This SCHD Heavy Duty material can be converted into into custom-made sizes at the customer's request.

Main features and benefits:

Fast and heavy cutting performance combined with highly efficient stock removal can help operators avoid one or more abrasive operations

Recommended applications:

Cleaning parts made of stainless steel, aluminium or other metals, deburring, removing thin TIG or MIG weld beads and removing scale.

Work surfaces:

Stainless steel, standard or alloyed steel, titanium, nonferrous materials and alloys.

PRICE (running meter)

width	min. order q.ty	A/O Coarse Brown	A/O Medium Red	Joint
15	16	4,44	4,22	1,43
20	12	5,94	5,65	1,43
25	12	7,42	7,06	1,43
30	8	8,90	8,46	1,43
35	8	10,08	9,87	1,43
40	6	11,88	11,28	1,43
50	6	14,84	14,10	1,77
55	5	16,32	15,52	1,96
60	4	17,79	16,90	2,13
70	4	20,77	19,73	2,49
75	4	22,26	21,15	2,68
80	3	23,73	22,55	2,86
100	3	29,67	28,18	3,56
120	2	35,61	33,82	4,27
150	2	44,51	42,29	5,33
200	1	59,34	56,39	7,13
250	1	74,17	70,47	8,90
300	1	89,01	84,56	10,68





SCD velcro surface conditioning discs

Description: SCSB Scrim Back discs without hole. To be fitted on Velcro backup pads. (page 31)

Main features and benefits: Fast and heavy abrasive action, high unloading properties, extremely long life, quick to change.

Recommended applications: Plastic products, machinery for the chemical and food industries (manufacture and maintenance), stainless steel furniture, the automotive and railway industries, shipbuilding, the aeronautical industry, propellers and jet engines, stainless steel structural work.

Work surfaces: Steel, stainless steel, aluminium, titanium and alloys, fibre glass, plastic and glass fibre.

diameter			A/O Coarse Brown	A/O Medium Red	A/O Very Fine Blue	S/C Ultra Fine Grey
100	15.150	10	SCD100 • 2,33	SCD101 • 1,93	SCD102 • 1,93	SCD103 • 1,93
115	13.300	10	SCD110 • 2,67	SCD111 • 2,22	SCD112 • 2,22	SCD113 • 2,22
127	12.150	10	SCD120 • 3,12	SCD121 • 2,61	SCD122 • 2,61	SCD123 • 2,61
150	9.600	10	SCD150 • 4,38	SCD151 • 3,64	SCD152 • 3,64	SCD153 • 3,64
178	8.600	10	SCD170 • 6,17	SCD171 • 5,18	SCD172 • 5,18	SCD173 • 5,18
200	6.300	10	SCD200 7,58	SCD201 • 6,31	SCD202 6,31	SCD203 6,31





SCD surface conditioning discs with hole

Description: SCSB Scrim Back discs with hole. To be fixed by means of metal rings. (page 31)

Main features and benefits: Fast and heavy abrasive action, high unloading properties, extremely long life.

Recommended applications: Plastic products, machinery for the chemical and food industries (manufacture and maintenance), stainless steel furniture, the automotive and railway industries, shipbuilding, the aeronautical industry, propellers and jet engines, stainless steel structural work.

Work surfaces: Standard steel, stainless steel, aluminium, titanium and alloys, fibre glass, plastic and glass fibre.

diam/hole			A/O Coarse Brown	A/O Medium Red	A/O Very Fine Blue	S/C Ultra Fine Grey
100x16	15.150	10	SCD490 • 2,33	SCD491 • 1,93	SCD492 • 1,93	SCD493 • 1,93
115x22	13.300	10	SCD500 • 2,67	SCD501 • 2,22	SCD502 • 2,22	SCD503 • 2,22
127x22	12.150	10	SCD520 • 3,12	SCD521 • 2,61	SCD522 • 2,61	SCD523 • 2,61
150x22	9.600	10	SCD550 • 4,38	SCD551 • 3,64	SCD552 • 3,64	SCD553 • 3,64
178x22	8.600	10	SCD570 • 6,17	SCD571 • 5,18	SCD572 • 5,18	SCD573 • 5,18
200x22	6.300	10	SCD600 7,58	SCD601 6,31	SCD602 6,31	SCD603 6,31



SCD-HD HEAVY DUTY surface conditioning discs



Description: SCHD Heavy Duty discs with hole to be fixed by means of metal rings or without hole for velcro locking. To be used with backing pads (page 31).

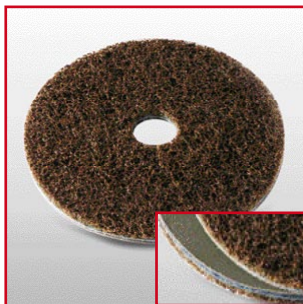
Main features and benefits: Extremely heavy abrasive action, extremely long life.

Recommended applications: Machinery for the chemical and food industries (manufacture and maintenance), stainless steel furniture, shipbuilding and stainless steel structural work.

Work surfaces: Steel, stainless steel, titanium and alloys.



diam (x hole)			HD Coarse Brown	HD Medium Red	HD Coarse Brown	HD Medium Red
			with hole		velcro	
100 (x 16)	15.150	10	SDH490 • 2,51	SDH491 • 2,13	SCDH00 • 2,51	SCDH01 • 2,13
115 (x 22)	13.300	10	SDH500 • 2,89	SDH501 • 2,40	SCDH10 • 2,89	SCDH11 • 2,40
127 (x 22)	12.150	10	SDH520 • 3,37	SDH521 • 2,82	SCDH20 • 3,37	SCDH21 • 2,82
150 (x 22)	9.600	10	SDH550 • 4,74	SDH551 • 3,94	SCDH50 • 4,74	SCDH51 • 3,94
178 (x 22)	8.600	10	SDH570 • 6,67	SDH571 • 5,59	SCDH70 • 6,57	SCDH71 • 5,44
200 (x 22)	6.300	10	SDH600 • 8,20	SDH601 • 6,81	SCDH80 • 8,20	SCDH81 • 6,81





SLD laminated surface conditioning discs with hole

Description: SCSB Scrim Back or SCHD Heavy Duty discs with hole. To be fixed by means of metal rings.

Main features and benefits: Fast and heavy abrasive action, extremely long life, good rigidity. Ensure excellent flatness and uniformity.

Recommended applications: Machinery for the chemical and food industries (manufacture and maintenance), stainless steel furniture, shipbuilding and stainless steel structural work.

Work surfaces: Steel, stainless steel, aluminium, titanium and alloys, fibre glass, plastic and glass fibre.

diam/hole			A/O Coarse Brown	Heavy Duty Coarse Brown
100x16	15.150	10	SLD001 • 2,71	SLDH40 • 2,93
115x22	13.300	10	SLD010 • 3,14	SLDH50 • 3,36
127x22	12.150	10	SLD020 • 3,64	SLDH60 • 3,64
178x22	9.600	10	SLD070 • 7,20	SLDH80 • 7,77





DCR R quick-change surface conditioning discs – R

Description: Quick-change Surface Conditioning SCSB Scrim Back discs with R fastening system. Recommended for use in applications requiring considerable mechanical strength.

Main features and benefits: Extremely quick to change. Fast and heavy abrasive action, highly efficient escape of waste. Thanks to their compact design they can be used in hard-to-reach places.

Recommended applications: Plastic products, machinery for the chemical and food industries, stainless steel furniture, the automotive and railway industries, the aeronautical industry, stainless steel structural work.

Work surfaces: Steel, stainless steel, aluminium, titanium and alloys, fibre glass, plastic and glass fibre.

diameter			A/O Coarse Brown	A/O Medium Red	A/O Very fine Blue	S/C Ultra fine Grey	Holder (page 31)
25	25.000	100	DR1310 • 0,38	DR1311 • 0,38	DR1312 • 0,38	DR1313 0,38	RH0050
38	24.000	100	DR1320 • 0,65	DR1321 • 0,65	DR1322 • 0,65	DR1323 0,65	RH0051
51	23.000	100	DR1330 • 0,87	DR1331 • 0,87	DR1332 • 0,87	DR1333 0,87	RH0052
76	18.000	50	DR1340 • 1,55	DR1341 • 1,55	DR1342 • 1,55	DR1343 1,55	RH0053





DCR S quick-change surface conditioning discs – S

Description: Quick-change Surface Conditioning SCSB Scrim Back discs with S fastening system. Not recommended for use in applications requiring considerable mechanical strength.

Main features and benefits: Extremely quick to change. Fast and heavy abrasive action, highly efficient escape of waste. Thanks to their compact design, they can be used in hard-to-reach places.

Recommended applications: Plastic products, machinery for the chemical and food industries, stainless steel furniture, the automotive and railway industries, the aeronautical industry, stainless steel structural work.

Work surfaces: Steel, stainless steel, aluminium, titanium and alloys, fibre glass, plastic and glass fibre.

diameter			A/O Coarse Brown	A/O Medium Red	A/O Very fine Blue	S/C Ultra fine Grey	Holder (page 31)
25	25.000	100	DR0310 • 0,38	DR0311 • 0,38	DR0312 0,38	DR0313 0,38	RH0070
38	24.000	100	DR0320 • 0,65	DR0321 • 0,65	DR0322 0,65	DR0323 0,65	RH0071
51	23.000	100	DR0330 • 0,87	DR0331 • 0,87	DR0332 • 0,87	DR0333 0,87	RH0072
76	18.000	50	DR0340 • 1,55	DR0341 • 1,55	DR0342 • 1,55	DR0343 1,55	RH0073

STK Velcro Surface Conditioning Discs Merchandiser

The whole range of BIBIELLE Surface Conditioning discs, to be fitted on the correct backup pads, introduced in a easy to re-stock merchandiser.

It includes, as well, the new **SCHD** discs made with Heavy Duty **Surface Conditioning**.



Item nr.	Diam. mm	Grit	Pieces in the merchandiser
SCD110	115	Coarse	20
SCD111	115	Medium	20
SCD112	115	Very Fine	20
SCDH10	115	HD Coarse	20
SCDH11	115	HD Medium	20
BAO100	115	Back Up Pad	5

Kit Discs
STK115 • Price
298,00

Item nr.	Diam. mm	Grit	Pieces in the merchandiser
SCD120	127	Coarse	20
SCD121	127	Medium	20
SCD122	127	Very Fine	20
SCDH20	127	HD Coarse	20
SCDH21	127	HD Medium	20
BAO101	127	Back Up Pad	5

Kit Discs
STK127 • Price
342,00

TESSUTO NON TESSUTO



Description: Our Nonwoven Abrasive material is made of abrasive grits fixed into a three-dimensional web made of nylon filaments which thus resulting in a soft, open texture.

Main features and benefits:

The abrasive grits of BIBIELLE Nonwoven products are made of aluminium oxide (suitable for a wide range of applications on numerous work surfaces) or of silicon carbide (being particularly sharp and keen, it produces extremely bright surfaces and it is particularly suitable for very fine grits).

Since the abrasive material is evenly distributed and the web is soft and adaptable the following excellent characteristics are offered:

- **consistent finishing quality:** thanks to continuous exposure of new grit the finishing quality offered by BIBIELLE nonwoven abrasive products does not change significantly throughout the entire life of the tool;
- **efficient ventilation:** the three-dimensional texture of the products produces a highly efficient flow of air which subsequently prevents work surfaces from overheating;
- **flexibility:** the size of nylon filaments and the resin used for fixing abrasive grits vary according to the grit size thus resulting in an excellent support which adapts perfectly to the shape of the work surface;
- **user friendliness:** thanks to flexibility and controlled cutting performance, BIBIELLE Nonwoven Abrasive tools are extremely easy to use. Moreover, abrasive waste and training time are dramatically reduced;
- **low noise levels:** thanks to their flexible, ventilated texture noise levels are extremely low whilst reducing operators' fatigue and ensuring compliance with health and safety rules;
- **resistance to clogging:** thanks to their three-dimensional texture BIBIELLE nonwoven abrasive products do not retain abrasive waste and thus avoid clogging;
- **can be cleaned** using compressed air or water.

Recommended applications:

- Light deburring and cleaning parts of irregular shape, pipes or moulded parts.
- Satin finishing small and large surfaces.
- Removing scale, grease and paints.
- Workpiece preparation for subsequent treatments such as chromium plating, nickel plating and painting.
- Removing marks left by previous operations and re-finishing after bending, welding or satin coil moulding.

Work surfaces:

Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, paint, varnish, filler.

Industries served:

- Production and maintenance of machinery and equipment for the chemical, pharmaceutical, medical and food industries.

- Automotive industry, in particular for satin finishing stainless steel parts, light deburring and after-moulding finish.
- Steel and stainless steel fittings such as cookers, extractor hoods, hobs and domestic appliances.
- Design objects and fittings.
- Inner surface finish of high-quality pots and pans.
- Bodywork: removal of paints and protective coats as well as finish on fillers.

Nonwoven abrasive products:

BIBIELLE Nonwoven Abrasive products are divided into two main categories:

Products for mechanical applications (High Performance)

These products feature excellent mechanical strength and highly efficient abrasive action even at high speed without smearing (dark marks due to material residues left on the work surface).

For this reason they are used on all tools for high-speed electrical or pneumatic machinery, such as discs, wheels with holes or on shafts, bias mops.

Products for manual applications:

Questo prodotto è caratterizzato dall'ottima flessibilità e maneggevolezza ed è quindi adatto alla conversione in rolls e tamponi per uso manuale o per l'utilizzo su macchine rotorbitali.




NHP hand pads

Description: This nonwoven abrasive material is converted into convenient pre-cut sheets. Can be used manually or on orbital sanders.

Main features and benefits: Extremely flexible and handy. Excellent cutting performance and resistance to clogging. Easy to clean using compressed air or water.

Recommended applications: Cleaning parts of irregular shape, removing scale, grease and paints. Removing marks left by previous operations

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass.

sizes		General Purpose Green	A/O Medium Red	A/O Fine Red	A/O Very Fine Red	S/C Very Fine Grey	S/C Ultra Fine Grey
120x280	20	NHP020 • 0,49	NHP010 • 0,74	NHP001 • 0,74	NHP002 • 0,74	NHP003 • 0,74	NHP004 • 0,74
152x229	20	NHP021 • 0,49	NHP011 • 0,74	NHP005 • 0,74	NHP006 • 0,74	NHP007 • 0,74	NHP008 • 0,74




NRL economy rolls

Description: This nonwoven abrasive material is converted into rolls to be cut to the desired length so as to avoid wastage.

Main features and benefits: Extremely flexible and handy. Excellent cutting performance and resistance to clogging. Easy to clean using compressed air or water.

Recommended applications: Cleaning parts of irregular shape, removing scale, grease and paints. Removing marks left by previous operations.

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass.

sizes		General Purpose Green	A/O Medium Red	A/O Fine Red	A/O Very Fine Red	S/C Very Fine Grey	S/C Ultra Fine Grey
100x10000	1	NRL017 • 13,90	NRL906 • 20,71	NRL001 • 20,71	NRL002 • 20,71	NRL003 • 20,71	NRL004 • 20,71
115x10000	1	NRL018 • 15,95	NRL907 • 23,79	NRL005 • 23,79	NRL006 • 23,79	NRL007 • 23,79	NRL008 • 23,79
120x10000	1	NRL019 • 16,65	NRL909 • 24,87	NRL009 • 24,87	NRL010 • 24,87	NRL011 • 24,87	NRL012 • 24,87
150x10000	1	NRL020 • 20,82	NRL924 • 31,09	NRL013 • 31,09	NRL014 • 31,09	NRL015 • 31,09	NRL016 • 31,09



RGB nonwoven wheels on 6-mm shaft

Description:

This High Performance Nonwoven material is converted into wheels on 6-mm shaft to be used on straight grinders.



Main features and benefits:

These shaft-mounted Nonwoven wheels offer consistent finishing quality, excellent user friendliness, highly efficient ventilation, low-noise levels, resistance to clogging.

Recommended applications:

Light deburring and cleaning parts of irregular shape, pipes or moulded parts. Satin finishing small surfaces. Removing scale. Removing marks left by previous operations and re-finishing after bending, welding or satin coil moulding.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic.

diam/th/shaft			A/O Coarse	A/O Medium	A/O Fine	A/O Very Fine	S/C Ultra Fine
40x20x6	17.100	10		RB0001 • 6,89	RB0002 • 6,89	RB0003 • 6,89	RB0004 • 6,89
40x30x6	17.100	10		RB0005 • 7,17	RB0006 • 7,17	RB0007 • 7,17	RB0008 • 7,17
50x20x6	13.700	10	RB0062 7,22	RB0009 7,22	RB0010 • 7,22	RB0011 • 7,22	RB0012 7,22
50x30x6	13.700	10	RB0063 7,69	RB0013 • 7,69	RB0014 • 7,69	RB0015 • 7,69	RB0016 7,69
50x40x6	13.700	10	RB0064 8,38	RB0017 8,38	RB0018 8,38	RB0019 8,38	RB0020 8,38
60x30x6	11.500	10	RB0061 • 8,61	RB0021 • 8,61	RB0022 • 8,61	RB0023 • 8,61	RB0024 • 8,61
60x40x6	11.500	10	RB0065 9,52	RB0025 • 9,52	RB0026 • 9,52	RB0027 • 9,52	RB0028 • 9,52
60x50x6	11.500	10	RB0066 9,52	RB0029 • 9,52	RB0030 • 9,52	RB0031 • 9,52	RB0032 • 9,52
80x30x6	8.600	10	RB0067 • 8,95	RB0033 • 8,95	RB0034 • 8,95	RB0035 • 8,95	RB0036 8,95
80x40x6	8.600	10	RB0068 9,42	RB0037 • 9,42	RB0038 9,42	RB0039 • 9,42	RB0040 9,42
80x50x6	8.600	10	RB0069 • 9,93	RB0041 • 9,93	RB0042 • 9,93	RB0043 • 9,93	RB0044 • 9,93
100x30x6	6.900	10	RB0070 9,93	RB0045 9,93	RB0046 9,93	RB0047 9,93	RB0048 9,93
100x50x6	6.900	10	RB0071 • 11,06	RB0049 • 11,06	RB0050 • 11,06	RB0051 • 11,06	RB0052 11,06



RGB nonwoven wheels on threaded shaft

Description:

This High Performance Nonwoven material is converted into wheels on threaded shaft for fast fitting on suitable toolholders (see bottom)

Main features and benefits:



Thanks to the threaded shafts wheel change is extremely quick and easy. These shaft-mounted Nonwoven wheels offer consistent finishing quality, highly efficient ventilation, flexibility, excellent user friendliness, low-noise levels, resistance to clogging. Can be cleaned using compressed air or water.

Recommended applications:

Light deburring and cleaning parts of irregular shape, pipes or moulded parts. Satin finishing small surfaces.

Removing scale, grease and paints. Workpiece preparation for subsequent treatments such as chromium plating, nickel plating and painting. Removing marks left by previous operations and re-finishing after bending, welding or satin coil moulding.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic.

diam/th/shaft			A/O Medium	A/O Fine	A/O Very Fine	S/C Ultra Fine	Shaft
50x30xTH	13.700	10	RBO053 8,84	RBO054 8,84	RBO055 8,84	RBO056 8,84	00Y21
80x30xTH	8.600	10	RBO057 10,30	RBO058 10,30	RBO059 10,30	RBO060 10,30	00Y21



RGM interleaf wheels on threaded shaft

Description:

High Performance Nonwoven & Cloth wheels on threaded shaft for fast fitting on suitable toolholders (see bottom).



Main features and benefits:

The threaded shafts make wheel change extremely quick and easy. Thanks to the abrasive cloth, the scrubbing action of BIBIELLE shaft-mounted Nonwoven wheels is more aggressive whilst ensuring high finishing quality, excellent user friendliness combined with highly efficient ventilation and low-noise levels typical of nonwoven products.

Recommended applications:


Light deburring and cleaning parts of irregular shape, pipes or moulded parts. Removing scale. Removing marks left by previous operations

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium.

diam/th/shaft			A/O 60/M	A/O 100/F	A/O 150/F	S/C 240/F	Shaft
50x30xTH	13.700	10	RBO152 10,15	RBO153 10,15	RBO154 10,15	RBO155 10,15	00Y21
80x30xTH	8.600	10	RBO156 11,83	RBO157 11,83	RBO158 11,83	RBO159 11,83	00Y21



Extended shaft for RGB, RGM, SRS, SRE with threaded shaft

	
1	00Y21 • 8,17



RGM interleaved wheels on 6-mm shaft

Description:

These wheels on 6-mm shaft are made of a combination of cloth flaps and High Performance Nonwoven material. To be used on straight grinders.



Main features and benefits:

Thanks to the abrasive cloth the scrubbing action of BIBIELLE shaft-mounted nonwoven wheels is more aggressive whilst ensuring high finishing quality, excellent user friendliness combined with highly efficient ventilation and low-noise levels typical of nonwoven products.

Recommended applications:

Light deburring and cleaning parts of irregular shape, pipes or moulded parts. Removing scale. Removing marks left by previous operations.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium.

diam/th/shaft			A/O 60/M	A/O 80/M	A/O 100/F	A/O150/F	S/C240/F
40x20x6	17.100	10	RBO100 • 7,92	RBO160 • 7,92	RBO101 • 7,92	RBO102 • 7,92	RBO103 7,92
40x30x6	17.100	10	RBO104 • 8,24		RBO105 8,24	RBO106 • 8,24	RBO107 8,24
50x20x6	13.700	10	RBO108 8,32	RBO161 8,32	RBO109 8,32	RBO110 8,32	RBO111 8,32
50x30x6	13.700	10	RBO112 • 8,84		RBO113 • 8,84	RBO114 • 8,84	RBO115 • 8,84
50x40x6	13.700	10	RBO116 9,63		RBO117 9,63	RBO118 9,63	RBO119 9,63
60x30x6	11.500	10	RBO120 • 9,90		RBO121 • 9,90	RBO122 • 9,90	RBO123 9,90
60x40x6	11.500	10	RBO124 10,30		RBO125 10,30	RBO126 10,30	RBO127 10,30
60x50x6	11.500	10	RBO128 10,94	RBO162 10,94	RBO129 • 10,94	RBO130 10,94	RBO131 10,94
80x30x6	8.600	10	RBO132 10,30		RBO133 10,30	RBO134 10,30	RBO135 10,30
80x40x6	8.600	10	RBO136 10,83		RBO137 10,83	RBO138 10,83	RBO139 10,83
80x50x6	8.600	10	RBO140 • 11,42	RBO163 • 11,42	RBO141 • 11,42	RBO142 • 11,42	RBO143 • 11,42
100x30x6	6.900	10	RBO144 11,41		RBO145 11,41	RBO146 11,41	RBO147 11,41
100x50x6	6.900	10	RBO148 • 12,69		RBO149 • 12,69	RBO150 • 12,69	RBO151 12,69



NTD nonwoven discs


Aluminum Oxide

Description: This Aluminium Oxide High Performance Nonwoven material is converted into discs with hole.

Main features and benefits: Discs can be assembled to reach the desired size. Depending on the pressure used for assembling the discs it is also possible to vary the hardness. These pre-cut nonwoven discs offer consistent finishing quality, highly efficient ventilation, flexibility, excellent user friendliness, low-noise levels and resistance to clogging. Can be cleaned using compressed air or water.

Recommended applications: Cleaning parts of irregular shape or moulded parts. Satin finishing small and large surfaces. Workpiece preparation for subsequent treatments such as chromium plating, nickel plating and painting. Removing marks left by previous operations and re-finishing after bending, welding or satin coil moulding.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, paint, varnish, filler.

diameter/hole		A/O Coarse	A/O Medium	A/O MF (Grey)	A/O Fine	A/O Very Fine
100 x 15	50	NTD500 0,60	NTD501 0,48	NTD502 0,47	NTD503 0,47	NTD504 0,47
150 x 20	50	NTD511 1,12	NTD512 0,91	NTD513 0,90	NTD514 0,90	NTD515 0,91
200 x 20	50	NTD522 1,56	NTD523 1,24	NTD524 1,21	NTD525 • 1,21	NTD526 1,21
250 x 20	50	NTD533 2,37	NTD534 1,86	NTD535 1,84	NTD536 1,84	NTD537 1,84
300 x 20	50	NTD544 3,40	NTD545 2,72	NTD546 • 2,66	NTD547 2,66	NTD548 2,66



NTD nonwoven discs


Silicon Carbide

Description: This Silicon Carbide High Performance Nonwoven material is converted into discs with hole.

Main features and benefits: Discs can be assembled to reach the desired size. Depending on the pressure used for assembling the discs it is also possible to vary the hardness. These pre-cut nonwoven discs offer consistent finishing quality, highly efficient ventilation, flexibility, excellent user friendliness, low-noise levels and resistance to clogging. Can be cleaned using compressed air or water.

Recommended applications: Cleaning parts of irregular shape or moulded parts. Satin finishing small and large surfaces. Workpiece preparation for subsequent treatments such as chromium plating, nickel plating and painting. Removing marks left by previous operations and re-finishing after bending, welding or satin coil moulding.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, paint, varnish, filler.

diameter/hole		S/C Medium	S/C Fine	S/C Very Fine	S/C Super Fine	S/C Ultra Fine
100 x 15	50	NTD505 0,49	NTD506 0,48	NTD507 0,48	NTD508 0,48	NTD509 0,48
150 x 20	50	NTD516 0,93	NTD517 0,92	NTD518 0,92	NTD519 0,92	NTD520 0,92
200 x 20	50	NTD527 1,26	NTD528 1,21	NTD529 1,21	NTD530 1,21	NTD531 1,21
250 x 20	50	NTD538 1,90	NTD539 1,84	NTD540 1,84	NTD541 1,84	NTD542 1,84
300 x 20	50	NTD549 2,77	NTD550 2,66	NTD551 2,66	NTD552 2,66	NTD553 2,66



FB nonwoven flap brushes

Description:

This High Performance Nonwoven material is converted into flap brushes.

Main features and benefits:

These Nonwoven Flap Wheels can be cut in the desired width so as to perfectly adapt to work surface size.

Thanks to the high quality of our nonwoven material and to our unique manufacturing technology, BIBIELLE flap brushes ensure extremely long life.

A comprehensive range of densities is available. Each density is marked with a number:

- **density 8** – this is our standard density. Unless otherwise stated in the order, all products are delivered in this density
- **density 4** – very soft density. It easily adapts to parts with very irregular shapes;
- **density 5** – soft density. Increases flexibility, adaptability and resistance to clogging;
- **density 10** – hard density. Extends life and increases aggressiveness while reducing flexibility and resistance to clogging.

Nonwoven flap brushes offer consistent finishing quality, highly efficient ventilation, flexibility, excellent user friendliness, low-noise levels and resistance to clogging. Can be cleaned using compressed air or water

Recommended applications:

Light deburring and cleaning parts of irregular shape, pipes or moulded parts. Satin finishing small and large surfaces.


Removing scale. Workpiece preparation for subsequent treatments such as chromium plating, nickel plating and painting. Removing marks left by previous operations and re-finishing after bending, welding or satin coil moulding.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic.

Other densities available: 4 - 5 - 10

25mm width or lower : 5mm to be added to the width to calculate the price.

BIBIELLE guarantees a perfect strenght of the flap brush till a min. width of 15mm.

diameter/width/hole		A/O Medium	A/O Fine	A/O Very Fine
165 x 30 x 55	10		RFBO17 • 9,95	
165 x 50 x 55	10		RFBO24 • 16,58	
200 x 30 x 76	5		RFBO31 • 11,40	
200 x 50 x 76	5	RFBO37 • 19,00	RFBO38 • 19,00	RFBO39 • 19,00

FB nonwoven flap brushes

diameter/hole	PRICE per CENTIMETER	Min. order in CENTIMETERS
110 x 25	2,68	50
165 x 55	3,72	50
200 x 76	4,81	50
250 x 115	6,11	50
300 x 150	7,13	50
350 x 200	9,88	50
400 x 250	11,56	50

AVAILABLE GRIT SIZES:

A/O: Coarse, Medium, MF (Grey), Fine, Very Fine
S/C: Medium, Fine, Very Fine, Ultra Fine, Super Fine



FM interleaf flap brushes

Description:

This High Performance Nonwoven & Cloth material is converted into flap wheels.

Main features and benefits:

These Nonwoven & Cloth Flap Wheels can be cut in the desired width so as to perfectly adapt to work surface size. They offer better cutting performance than nonwoven wheels whilst ensuring high finishing quality and excellent user friendliness combined with highly efficient ventilation and low-noise levels typical of nonwoven products.

Thanks to their large size they offer extremely long life.

Recommended applications:

Light deburring and cleaning parts of irregular shape, pipes or moulded parts. Satin finishing small and large surfaces.

Removing scale. Workpiece preparation for subsequent treatments such as chromium plating, nickel plating and painting. Removing marks left by previous operations and re-finishing after bending, welding or satin coil moulding.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium.

Flaps execution:

diam 110:

1 cloth flap + 1 non woven flap

diam 165:

5 cloth flaps + 2 non woven flaps till grit 180/MF

5 cloth flaps + 3 non woven flaps for finer grits

diam. 200:

5 cloth flaps + 2 non woven flaps till grit 180/MF

5 cloth flaps + 3 non woven flaps for finer grits

diam. 250:

4 cloth flaps + 2 non woven flaps grits 40, 60, 80

5 cloth flaps + 2 non woven flaps from grit 120 to 180/MF

5 cloth flaps + 3 non woven flaps for finer grits


diam. 300:

5 cloth flaps + 2 non woven flaps till grit 180/MF

5 cloth flaps + 3 non woven flaps for finer grits

25mm width or lower: 5mm to be added to the width to calculate the price.

BIBIELLE guarantees a perfect strenght of the flap brush till a min. width of 15mm.

diameter/width/hole		A/O 150/MF	A/O 180/MF	A/O 180/F
250 x 30 x 76	5	RFM557 • 23,67	RFM958 • 23,67	RFM558 • 23,67

FM interleaf flap brushes

diameter/hole	PRICE per CENTIMETER	Min. order in CENTIMETERS
110 x 25	4,39	50
165 x 55	5,70	50
200 x 76	9,14	50
250 x 115	9,99	50
300 x 150	14,57	50

AVAILABLE GRIT SIZES:	A/O: 40/MF, 60/MF, 80/MF, 120/MF, 150/MF, 180/MF, 180/F (only diam. 200, 250 e 300), 220/F, 240/F, 320/F
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NB: MF is Grey coloured



STRIP-IT STRIP-IT RED STRIP-IT PLUS

Description:

BIBIELLE STRIP-IT is made of an open web of strong continuous nylon filaments to which a coarse silicon carbide abrasive grit, which evenly penetrated deep throughout the material, is bonded.

STRIP-IT PLUS is similar to STRIP-IT but its open texture is filled with a porous compound.



Main features and benefits:

The characteristics of STRIP-IT derive from the combination of a soft open backing with an extremely aggressive abrasive, that is, silicon carbide coarse grits.

The resulting material is extremely efficient in removing resistant materials left on the work surface without excessively altering its shape.

Its open texture avoids clogging and, if necessary, STRIP-IT can be easily cleaned using compressed air.

Consistent ventilation decreases the temperature of the work surface.

Noise levels are quite low.

STRIP-IT does not leave any contaminants and therefore can be used on parts to be subjected to X-ray analyses.

The PLUS version dramatically reduces the emission of particles and sparks.



Recommended applications:

STRIP-IT is used for mechanically cleaning all types of welding, for rapidly removing scale and oxidation, for satin finishing small and large surfaces, for removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes.

Work surfaces:

Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.

Industries served:

- Production and maintenance of machinery, equipment and containers for the chemical, pharmaceutical, medical and food industries.
- Bodywork: removal of paints and protective coatings.
- Metalworking.
- Shipbuilding, maintenance of hulls made of aluminium, steel and plastic reinforced by fibre glass.
- Petrochemistry: since STRIP-IT PLUS reduces the production of sparks, it allows operators to work in fire-dangerous environments.



STW STRIP-IT wheels with hole

Description:

This STRIP-IT material is cut in the shape of a disc with a hole in the centre. They can be fitted individually or in pairs on suitable fixing shafts.

Main features and benefits:

They are particularly suitable for cleaning weld beads without removing any material and without weakening the workpiece. Our STW wheels can be easily used even by non-highly skilled operators. The work surface doubles when discs are used in pairs.

Recommended applications:

STRIP-IT is used for mechanically cleaning all types of welding, for rapidly removing scale and oxidation, for satin finishing small surfaces, for removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes.

Work surfaces:

Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.

diam/th/hole	max	rpm			Suggested shaft (page 31)
50x13x6	16.000	12.000	10	STW010 • 2,64	single O0Y42 double O0Y42
76x13x6	10.500	8.000	10	STW001 • 13,94	single O0Y42 double O0Y42
100x13x13	8.000	6.000	10	STW002 • 5,27	single O0Y40 double O0Y41
115x13x13	6.900	5.000	10	STW008 • 6,08	single O0Y40 double O0Y41
125x13x13	6.400	4.900	10	STW003 • 6,62	single O0Y40 double O0Y41
150x13x13	5.350	4.100	10	STW004 • 8,27	single O0Y40 double O0Y41
178x13x13	4.500	3.450	10	STW007 • 10,20	single O0Y41 double O0Y41
200x13x13	4.000	3.050	10	STW005 • 13,94	single O0Y41 double O0Y41
200x13x16	4.000	3.050	10	STW006 • 13,94	single O0Y41 double O0Y41



SDR STRIP-IT discs with fibreglass backing

Description:

This STRIP-IT material is applied on a stiff fibre backing thus allowing it to be used on angle grinders.

Main features and benefits: Thanks to their rigid backing these discs can be used at high speed on standard angle grinders which enables them to be used for extremely heavy scrubbing on large work surfaces. No backup pad is needed.

Recommended applications: Rapidly removing scale and oxidation, satin finishing small and large surfaces, removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes.

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.

diam/hole	max	rpm		
100x16	12.400	9.900	10	SDR800 • 7,77
115x22	11.000	8.600	10	SDR801 • 7,49
127x22	9.800	7.800	10	SDR802 • 8,23
178x22	7.000	5.600	10	SDR803 • 11,89



SSW STRIP-IT shaft-mounted wheels

Description:

This STRIP-IT material is cut in the shape of a disc mounted on a pre-assembled shaft of 6 or 8-mm shafts.

Main features and benefits:




They are particularly suitable for cleaning weld beads without removing any material and without weakening the workpiece. These wheels on a pre-assembled shaft do not require any hub and are fitted directly onto suitable toolholders.

Recommended applications:

STRIP-IT is used for mechanically cleaning all types of welding, for rapidly removing scale and oxidation, for satin finishing small surfaces, for removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes.

Work surfaces:

Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.

diam/th/shaft				
50x13x6	16.000	12.000	10	SSW120 • 3,14
50x25x6	16.000	12.000	10	SSW121 • 4,36
76x13x6	10.500	8.000	10	SSW122 • 4,80
76x25x6	10.500	8.000	10	SSW123 • 6,89
100x13x6	8.000	6.000	10	SSW100 • 6,34
100x25x6	8.000	6.000	10	SSW101 • 11,37
150x13x8	5.350	4.100	10	SSW102 • 9,92
150x25x8	5.350	4.100	10	SSW103 • 18,20



SRS STRIP-IT threaded shaft-mounted wheels

Description:

This STRIP-IT material is cut in the shape of a disc mounted on a pre-assembled threaded shaft (page 15).

Main features and benefits:




They are particularly suitable for cleaning weld beads without removing any material and without weakening the workpiece. These wheels on a pre-assembled shaft do not require any hub and are fitted directly onto suitable toolholders.

Recommended applications:

STRIP-IT is used for mechanically cleaning all types of welding, for rapidly removing scale and oxidation, for satin finishing small surfaces, for removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes.

Work surfaces:

Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.

diam/th/shaft				
50x13xTH	16.000	12.000	10	SSW300 • 3,43
76x13xTH	10.500	8.000	10	SSW302 • 4,99
100x13xTH	8.000	6.000	10	SSW304 • 7,01






SDF STRIP-IT discs with flexible fibre backing

Description: This STRIP-IT material is applied to a flexible fibre backing which allows it to be used on angle grinders with suitable backup pads (page 31).

Main features and benefits: Thanks to their backup pad they can be used at high speed on standard angle grinders which enables them to be used for extremely heavy scrubbing on large work surfaces.

Recommended applications: Rapidly removing scale and oxidation, satin finishing small and large surfaces, removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes.

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.

diam/hole					Back up Pad
115x22	10.000	8.300	10	SDF501 • 8,27	BA0001
178x22	6.500	5.400	10	SDF502 • 13,23	BA0003





SDC STRIP-IT quick change discs

Description: This STRIP-IT material is cut in the shape of a disc and stuck to the nylon threaded shaft

Main features and benefits: They are particularly suitable for cleaning weld beads without removing any material, for removing scale, in general for cleaning operations in small spaces.

Recommended applications: Strip-It is used for mechanically cleaning all types of welding, for rapidly removing scale and oxidation, for satin finishing small surfaces, for removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.

diameter				Holder (page 31)
51	10.500	10	SDC601 • 4,36	RH0052
76	7.000	10	SDC602 • 5,08	RH0053

STRIP-IT RED

Description: The STRIP-IT RED material is more rigid with faster cut and longer life compared to the black one.

Main features and benefits: The STRIP-IT RED offers a longer lifetime in heavy application.

Recommended applications: STRIP-IT RED is used for mechanically cleaning all types of welding, for rapidly removing scale and oxidation, for satin finishing small surfaces, for removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes.

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.



STWR STRIP-IT RED wheels with hole

diam/th/hole	max	rpm			Suggested shaft (page 31)
100x13x13	8.000	6.000	10	STWR02 • 6,13	single O0Y40 double O0Y41
150x13x13	5.350	4.100	10	STWR04 • 10,17	single O0Y40 double O0Y41



SDRR STRIP-IT RED discs with with fibreglass backing

diam/hole	max	rpm			
115x22	11.000	8.600	10	SDRR01 • 8,36	
127x22	9.800	7.800	10	SDRR02 • 9,19	
178x22	7.000	5.600	10	SDRR03 • 13,27	



SSW STRIP-IT RED shaft-mounted wheels

diam/th/shaft	max	rpm			
100x13x6	8.000	6.000	10	SSWR00 • 7,42	
100x25x6	8.000	6.000	10	SSWR01 • 13,31	
150x13x8	5.350	4.100	10	SSWR02 • 10,67	
150x25x8	5.350	4.100	10	SSWR03 • 21,40	



SDC STRIP-IT RED quick change discs

diameter	max			Holder (page 31)
51	10.500	10	SDCR01 • 4,46	RH0052
76	7.000	10	SDCR02 • 6,98	RH0053

STRIP-IT PLUS

Description: The STRIP-IT PLUS material is similar to the black one, but the structure is filled by a foam.




Main features and benefits: STRIP-IT PLUS offer a lower emission of sparkle and dust and lower vibrations during the use.

Recommended applications: STRIP-IT PLUS can be used for mechanically cleaning all types of welding, for rapidly removing scale and oxidation, for satin finishing small surfaces.

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.






SSE STRIP-IT PLUS shaft-mounted wheels

diam/th/shaft				
76x13x6	10.500	8.000	10	SSE001 • 8,20
76x25x6	10.500	8.000	10	SSE002 • 12,46
100x13x6	8.000	6.000	10	SSE003 • 11,71
100x25x6	8.000	6.000	10	SSE004 • 20,96
150x13x8	5.350	4.100	10	SSE005 • 16,82
150x25x8	5.350	4.100	10	SSE006 • 33,79






SRE STRIP-IT PLUS threaded shaft-mounted wheels

diam/th/shaft				
50x13xTH	16.000	12.000	10	SRE300 • 8,00
76x13xTH	10.500	8.000	10	SRE302 • 11,62
100x13xTH	8.000	6.000	10	SRE304 • 16,37



STE STRIP-IT PLUS wheels with hole

diam/th/hole					Suggested shaft (page 31)
76x13x6	10.500	8.000	10	STE100 • 5,78	single O0Y42 double O0Y42
100x13x13	8.000	8.000	10	STE102 • 8,23	single O0Y40 double O0Y41
150x13x13	5.350	4.100	10	STE104 • 13,66	single O0Y40 double O0Y41



SYSTEM FOR SATIN FINISH MACHINES

Description:

BIBIELLE offers a complete system of tools that, together with suitable satin finish machines, can be ideally used in a large number of cleaning and satin finishing applications on medium and large work surfaces

Main features and benefits:

The abrasive tools for satin finish machines allow operators to work on quite large areas (from 50 to 100 mm in width) with a lightweight compact machine that can be used "freehand" even on parts already in place.

The abrasive tool is efficiently driven by means of a unique split pin system.

Recommended applications:

This system can be used in a large number of applications depending on the type of abrasive tool used. These include satin finishing, light deburring and cleaning small and large surfaces, removing scale, grease and paints.

Work surfaces:

Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, paint, varnish, filler, stone or wood.

Industries served:

- Production and maintenance of machinery and equipment for the chemical, pharmaceutical, medical and food industries.
- Steel and stainless steel fittings such as cookers, extractor hoods, hobs and domestic appliances.



MS Satin Finish Machine

Description: BIBIELLE offers a very good satin finish machine, particularly suitable to be used with the provided abrasive tools.

Main features and benefits:

The abrasive tools for satin finish machines allow operators to work on quite large areas (from 50 to 100 mm in width) with a lightweight compact machine that can be used "freehand" even on parts already in place. The abrasive tool is efficiently driven by means of a unique split pin system.

speed (electronic regulation)	r.p.m.	1300 - 3100
max tool diameter	mm	120
power	watt	1300
roller bearing shaft diameter	mm	19
thread of rollerbearing shaft		M14
voltage	V	230
	Hz	50 - 60

Recommended applications: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, paint, varnish, filler, stone or wood.

Work surfaces:

- Production and maintenance of machinery and equipment for the chemical, pharmaceutical, medical and food industries.
- Steel and stainless steel fittings such as cookers, extractor hoods, hobs and domestic appliances.

satin finish machine MS soft box	MS0101 •
	512,43
satin finish machine MS metal box	MS0102 •
	568,80



Kit for satin finish machines

Description: This particularly low-cost kit includes four commonly used tools for satin finish machines.

Main features and benefits:

Il kit è composto da :

- **RF0805** – ruota mista A/O 100 - F
- **SRF851** – ruota Strip-It
- **RF0705** – ruota in tessuto non tessuto coarse
- **RF0613** – Ruota in tela al Aluminum oxide Grit 60

Recommended applications:

This system can be used in a large number of applications depending on the type of abrasive tool used. These include satin finishing, light deburring and cleaning small and large surfaces, removing scale, grease and paints.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, paint, varnish, filler.

Kit for satin finish machines	STK001 •
	131,12





Aluminium Oxide wheels for Satin Finish Machines

Description: Aluminium oxide cloth, X Flex weight.

Main features and benefits: Excellent combination of user friendliness and durability. The cloth used ensures a perfect balance of flexibility and strength. The abrasive tool is efficiently driven by means of a unique 4-split-pin system.

Recommended applications: Finishing large flat, concave or convex surfaces; grinding the inner and outer surfaces of tanks and containers. Removing and cleaning weld beads.

Work surfaces: Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic, plastic reinforced by fibre glass, marble, stone.

diam/th.	hole			P40	P50	P60	P80	P100	P120
100x50	19	5.700	8	RF0600 • 16,88	RF0601 16,88	RF0602 • 16,88	RF0603 • 18,46	RF0604 18,46	RF0605 • 18,46
100x100	19	5.700	4	RF0611 • 32,15	RF0612 32,15	RF0613 • 32,15	RF0614 • 35,15	RF0615 • 35,15	RF0616 • 35,15

				P150	P180	P220	P240	P280	P320
100x50	19	5.700	8	RF0606 20,16	RF0607 20,16	RF0608 20,16	RF0609 22,99	RF0610 22,99	RF0631 22,99
100x100	19	5.700	4	RF0617 38,36	RF0618 38,36	RF0619 38,36	RF0620 43,63	RF0621 43,63	RF0622 43,63



Nonwoven wheels for Satin Finish Machines



Description: This High Performance Nonwoven material is converted into wheels with a split pin hole for satin finish machines.

Main features and benefits: These nonwoven wheels with a hole offer consistent finishing quality, highly efficient ventilation, flexibility, excellent user friendliness, low-noise levels and resistance to clogging. They can be cleaned using compressed air or water.

The abrasive tool is efficiently driven by means of a unique 4-split-pin system and can be quickly fitted.

Recommended applications: Light deburring and cleaning. Satin finishing small and large surfaces. Removing scale. Removing marks left by previous operations and re-finishing after bending, welding or satin coil moulding.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic.

diam/th.	hole			A/O Coarse	A/O Medium	A/O Fine	A/O Very Fine	S/C Ultra Fine
100x50	19	5.700	8	RF0700 • 22,90	RF0701 • 22,90	RF0702 • 22,90	RF0703 • 22,90	RF0704 22,90
100x100	19	5.700	4	RF0705 • 34,31	RF0706 • 34,31	RF0707 • 34,31	RF0708 • 34,31	RF0709 • 34,31



Interleaf wheels for Satin Finish Machines



Description: This High Performance Nonwoven and cloth material is converted into wheels with a split pin hole for satin finish machines.

Main features and benefits: These wheels offer better cutting performance than nonwoven wheels whilst ensuring high finishing quality and excellent user friendliness combined with highly efficient ventilation and low-noise levels typical of nonwoven products.

Thanks to a unique 4-split-pin system, the abrasive tool can be efficiently driven and quickly fitted.

Recommended applications: Light deburring and cleaning. Satin finishing small and large surfaces. Removing scale. Removing marks left by previous operations.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium.

diam/th.	hole			A/O 60/M	A/O 80/M	A/O 100/F	A/O 150/F	S/C 240/F
100x50	19	5.700	8	RF0800 • 23,84	RF0808 • 23,84	RF0801 • 23,84	RF0802 • 23,84	RF0803 23,84
100x100	19	5.700	4	RF0804 • 38,31	RF0809 • 38,31	RF0805 • 38,31	RF0806 • 38,31	RF0807 • 38,31





Strip-it wheels for Satin Finish Machines

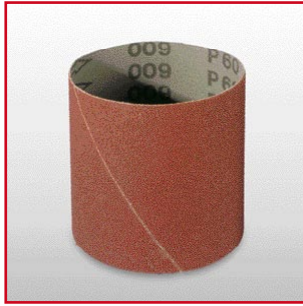
Description: STRIP-IT® flaps are radially arranged from the core. They are fitted on satin finish machines.

Main features and benefits: Being large in size, they allow operators to rapidly and efficiently work on wide surfaces. The wheels can be quickly fitted and are efficiently driven by means of their hole with 4 splines for split pins.

Recommended applications: Satin finishing large surfaces, rapidly removing scale, oxidation, paints or other clogging materials such as salt, rust, grease, oil and protective waxes.

Work surfaces: Stainless steel, standard or alloyed steel, aluminium, titanium, nonferrous materials and alloys, fibre glass, plastic or plastic reinforced by fibre glass, stone or wood.

diam/th.	hole			
100x50	19	4.000	1	SRF850 • 26,73
100x100	19	4.000	1	SRF851 • 40,25





Aluminium Oxide bands for Satin Finish Machines

Description: Aluminium oxide bands to be used (with suitable expanders) on satin finish machines.

Main features and benefits: Thanks to their wide abrasive area, they allow operators to rapidly and efficiently work on a wide range of surfaces.

Recommended applications: Light deburring, cleaning, finishing small and large surfaces. Removing scale or marks left by previous operations.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, wood.

diam/th.			P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320
100x50	5.700	10	SB0400 0,90	SB0401 0,84	SB0402 0,80	SB0403 0,74	SB0404 0,70	SB0405 0,70	SB0406	SB0407	SB0408	SB0409	SB0410	SB0411
100x100	5.700	10	SB0412 • 1,82	SB0413 1,68	SB0414 • 1,56	SB0415 • 1,46	SB0416 1,39	SB0417 • 1,39	SB0418 • 1,39	SB0419 1,39	SB0420 1,39	SB0421 1,39	SB0422 1,39	SB0423 1,39





Surface Conditioning bands for Satin Finish Machines

Description: Surface Conditioning bands to be used (with suitable expanders) on satin finish machines.

Main features and benefits: These easy-to-use rollers offer all the benefits of Surface Conditioning material.

Recommended applications: Satin finishing and cleaning, finishing small and large surfaces. Removing scale or marks left by previous operations.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, wood.

diam/th.			A/O Coarse	A/O Medium	A/O Very Fine
100x50	5.700	5	SB0500 5,98	SB0501 5,52	SB0502 5,52
100x100	5.700	5	SB0503 • 11,97	SB0504 • 11,06	SB0505 • 11,06





Holders for Satin Finish Machines

Description: Rubber holders to be used on satin finish machines. It is inserted into a roller made of abrasive material and expands during rotation.

Main features and benefits: Expanders for using cloth or Surface Conditioning rollers. Easy to use and low cost.

Recommended applications: Applications can be any of the following depending on the abrasive roller used: light deburring, cleaning, satin finishing small and large surfaces, removing scale or marks left by previous operations.

Work surfaces: Stainless steel, standard or alloyed steel, nonferrous metals and alloys, aluminium, cast iron, titanium, plastic, paint, varnish, filler, wood.

diam/th.	hole			
100x50	19	4.000	1	RH0030 • 50,72
100x100	19	4.000	1	RH0031 • 82,41

ACCESSORIES



BA back-up pad
per SCD con foro (pagg. 8, 9)
per SDF (page 23)

diam./hole	hardness		
100 x 16	Media	1	BA0005 • 4,51
115 x 22	Media	1	BA0001 • 5,22
127 x 22	Media	1	BA0002 • 6,11
178 x 22	Media	1	BA0003 • 11,15



BA back-up pad
per SCD velcrati (pagg. 8, 9)

diam./hole	hardness		
100xM14	Media	1	BA0099 • 9,89
115xM14	Media	1	BA0100 • 10,48
127xM14	Media	1	BA0101 • 11,34
150xM14	Media	1	BA0102 • 14,77
178xM14	Media	1	BA0103 • 19,06
200xM14	Media	1	BA0104 • 31,44



shaft for STW, STE

diameter		
6 x M8	1	00Y42 • 5,36
6 x M12	1	00Y40 • 5,95
8 x M12	1	00Y41 • 7,14



adapter for DCR
Holders-M14

To fit the RH Holders for DCR both R or S
to the M14 thread of angle grinders.

1	00Y25 • 4,48



RH holders for DCR-R
6 mm shaft

diam./shaft.	hardness		
25x6	Media (80 SHA)	5	RH0050 • 8,64
38x6	Media (80 SHA)	5	RH0051 • 9,61
51x6	Media (80 SHA)	5	RH0052 • 13,65
76x6	Media (80 SHA)	5	RH0053 • 15,99



RH holders for DCR-S
6 mm shaft

diam./shaft.	hardness		
25x6	Media (80 SHA)	5	RH0070 • 8,64
38x6	Media (80 SHA)	5	RH0071 • 9,61
51x6	Media (80 SHA)	5	RH0072 • 13,65
76x6	Media (80 SHA)	5	RH0073 • 15,99

INSTRUCTIONS FOR CORRECTLY USING AND STORING BIBIELLE FINISHING, MASKING AND SATIN FINISHING PRODUCTS.

1) General information.

The abrasive products can get broken and therefore they should be handled with great care. The use of damaged or incorrectly fitted abrasives is dangerous and can cause serious damage to both operators and all persons present in the work area where the abrasive process is occurring.

2) Handling, transport and storage.

All abrasive products should be handled, used and carried with care.

They should be stored in a dry place protected from frost, and kept away from heat, wet walls, doors or windows. They should be ideally stored at a temperature of between 18° C and 22° C and at a relative humidity of between 45% and 65%.

The abrasive products should be stored in their original packages so as to avoid any mechanical damage.

3) How to fit and prepare the abrasive product.

All information written on the label or on the abrasive as well as any use restrictions, safety instructions and other kind of precautions should be read and respected.

The products of this section have not been studied for heavy removal operations and therefore no excessive pressure is recommended.

If heavy removal is required we recommend you select a coarser grit and follow the suggested operating speed. Excessive pressure can slow speed down, increase temperature and put both the abrasive and the machine tool under excessive stresses which could result in breakages.

BIBIELLE after sales service, distributors and retailers are always at your disposal for any advice you might need on the most suitable product to be used in any given application.

4) How to fit and prepare the abrasive product.

All abrasive products should be fitted following the instructions provided by BIBIELLE and the manufacturer of the machine tool on which the product is going to be fitted.

All abrasive products should only be fitted by competent, highly skilled and trained personnel.

Once fitted, every abrasive product should be subjected to a rotation test for a reasonable period of time (never exceed the maximum operating speed recommended).

Always read and follow the user manuals supplied by BIBIELLE.

5) Further information.

Besides reading the instructions given by BIBIELLE, we recommend you:

- read the user manual of the grinder;
- set up guards before operating the machine tool;
- never start any grinding operation unless guards are set up and use appropriate personal protective equipment according to the type of machine tool and application, for instance goggles or face masks, ear plugs, dust masks, safety shoes, gloves and other protective clothing;
- use the abrasive product only for the intended purposes (read and follow use restrictions, safety instructions as well as any other relevant information);
- do not use the abrasive products suitable for radial use for applications with a join angle different from 90 degrees.
- switch off the motor and make sure that the abrasive product has come to a stop before laying the portable grinder on the work bench or on the floor;
- always make sure that the power rating and speed of the machine tool used is suitable for the abrasive selected.



bibielle
Abrasive Technologies

SECTION II
SURFACE PREPARATION
and BLENDING products

Surface preparation and blending products

BIBIELLE offers its Customers a wide range of top-quality products for metal surface preparation and blending.

BIBIELLE has over 40 years' experience in the production of shaft-mounted flap wheels and flap wheels on flanges. Our wide and comprehensive catalogue of products meets the specific requirements of a large number of users all over the world and covers a wide range of applications for a host of industries of many kinds.

We at BIBIELLE have increased our range of products over time and this has grown in parallel with the evolution of the industrial and manufacturing technologies thus allowing us to become one of the leading companies in this field thanks to our high-performing and comprehensive catalogue

The catalogue of our surface preparation and heavy scrubbing products includes:

RG - Shaft-mounted Flap wheels;

RF - Flap wheels on flanges;

SB - Reinforced spiral bands;

DCR - Quick-change discs;

CHP - Sheets;

CRL - Economy rolls;

CA - Abrasive belts;

Paper products;

Accessories.

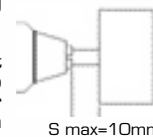
All BIBIELLE products are available in eye-catching packages. The units per package meet both the requirements of the distributor and of the end user whilst satisfying important safety requirements such as the correct handling and storage of abrasives.



RG shaft-mounted flap wheels

Description: The abrasive flaps are radially arranged from the tool axis. RG shaft-mounted flap wheels are coupled to the electrical or pneumatic tool spindle by means of a cylindrical or threaded shaft inserted through the central hub.

Main features and benefits: The special flap arrangement ensures consistent abrasive wear and continuous exposure of new grit while maintaining high cutting performance and consistent finishing quality throughout the entire life of the tool. Being extremely flexible, these wheels can perfectly adapt to irregular shapes. Excessive overheating of work surfaces is avoided with the aid of constant ventilation. Compact design and low weight make our wheels extremely easy to handle. The low noise levels of our RG shaft-mounted flap wheels are a further comfort for end users. When using shaft-mounted flap wheels never exceed a maximum overhang of 10 mm



Recommended applications: Finishing, light deburring, cleaning or preparation for subsequent treatments (chromium plating, nickel plating or painting) on small or hard-to-reach surfaces such as the internal surfaces of pipes, cylinders, moulds, parts of irregular shape.

Work surfaces: Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic materials, plastic reinforced by fibre glass, rubber, marble, stone, concrete, wood, hide and leather.

Industries served: Thanks to their extraordinary versatility, our RG Shaft-mounted flap wheels can be used in a large number of industries such as:

- **Production and maintenance** of machinery for the chemical, pharmaceutical, medical and food industry.
- **Automotive industry**, in particular for deburring and cleaning moulded parts (for instance alloy wheels).
- **Metalworking**.
- **Steel and stainless steel furniture**.
- **Moulding**
- **Production of tools and moulded parts**.



MICRO RG ALUMINIUM OXIDE flap wheels on 3mm-shaft

Description: These RG aluminium oxide flap wheels are characterized by extremely compact design, 3-mm diameter cylindrical shaft and X-Flex weight backing.

Main features and benefits: Being very compact, our Micro RG wheels can be used in confined spaces. The small shaft diameter allows them to be used on light and versatile machine tools.

Recommended applications: Finishing moulds, small-sized pipes and cylinders, drilled parts in general.

Work surfaces: Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic materials, glass fibre.

diam/th/shaft	max	rpm		P60	P80	P120	P150	P180	P240	P320
10x10x3	38.200	27.500	10	RG0001 • 2,59	RG0002 • 2,59	RG0003 • 2,59	RG0004 • 2,59	RG0005 • 2,59	RG0006 • 2,59	RG0007 2,59
15x15x3	38.200	27.500	10	RG0008 • 2,97	RG0009 • 2,97	RG0010 • 2,97	RG0011 2,97	RG0012 2,97	RG0013 • 2,97	RG0014 2,97
20x05x3	38.200	27.500	10	RG0015 2,85	RG0016 2,85	RG0017 • 2,85	RG0018 2,85	RG0019 2,85	RG0020 2,85	RG0021 2,85
20x10x3	38.200	27.500	10	RG0022 2,99	RG0023 2,99	RG0024 2,99	RG0025 2,99	RG0026 2,99	RG0027 2,99	RG0028 2,99
20x15x3	38.200	27.500	10	RG0029 3,14	RG0030 3,14	RG0031 3,14	RG0032 3,14	RG0033 3,14	RG0034 3,14	RG0035 3,14
25x10x3	38.200	27.500	10	RG0043 3,09	RG0044 3,09	RG0045 3,09	RG0046 3,09	RG0047 3,09	RG0048 3,09	RG0049 3,09
30x05x3	31.800	22.900	10	RG0071 2,05	RG0072 2,05	RG0073 2,05	RG0074 2,05	RG0075 2,05	RG0076 2,05	RG0077 2,05
30x10x3	31.800	22.900	10	RG0078 • 2,10	RG0079 • 2,10	RG0080 • 2,10	RG0081 • 2,10	RG0082 2,10	RG0083 2,10	RG0084 2,10
30x15x3	31.800	22.900	10	RG0085 • 2,22	RG0086 • 2,22	RG0087 • 2,22	RG0088 • 2,22	RG0089 2,22	RG0090 2,22	RG0091 2,22
40x10x3	23.800	17.100	10	RG0106 2,22	RG0107 2,22	RG0108 2,22	RG0109 2,22	RG0110 2,22	RG0111 2,22	RG0112 2,22



RG ALUMINIUM OXIDE flap wheels on 6mm-shaft

Description:

Aluminium oxide flaps and X-Flex weight backing. 6-mm diameter cylindrical shaft.

Main features and benefits:

These wheels are our most versatile RG tools. Robust and suitable for numerous applications on work surfaces of various kinds. Excellent flexibility.

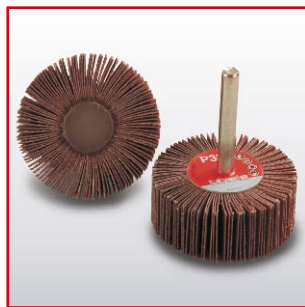
Recommended applications:

Finishing, light deburring, cleaning or preparation for subsequent treatments (chromium plating, nickel plating or painting) on small or hard-to-reach surfaces such as the internal surfaces of pipes, cylinders, parts of irregular shape.

Work surfaces:

Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic materials, glass fibre, rubber, marble, stone, concrete, wood, hide or leather

diam/th/shaft	max	rpm		P40	P60	P80	P120	P150	P180	P240	P320
20x10x6	38.200	27.500	10	RG0113 • 2,98	RG0115 • 2,98	RG0116 • 2,98	RG0118 • 2,98	RG0119 • 2,98	RG0120 • 2,98	RG0121 2,98	RG0122 2,98
20x15x6	38.200	27.500	10	RG0123 • 3,09	RG0125 • 3,09	RG0126 • 3,09	RG0128 • 3,09	RG0129 3,09	RG0130 • 3,09	RG0131 3,09	RG0132 3,09
20x20x6	38.200	27.500	10	RG0133 • 3,23	RG0135 • 3,23	RG0136 • 3,23	RG0138 • 3,23	RG0139 3,23	RG0140 • 3,23	RG0141 3,23	RG0142 3,23
25x10x6	38.200	27.500	10	RG0143 • 3,09	RG0145 • 3,09	RG0146 • 3,09	RG0148 • 3,09	RG0149 3,09	RG0150 3,09	RG0151 3,09	RG0152 3,09
25x15x6	38.200	27.500	10	RG0153 • 3,23	RG0155 • 3,23	RG0156 • 3,23	RG0158 • 3,23	RG0159 • 3,23	RG0160 3,23	RG0161 3,23	RG0162 3,23
25x20x6	38.200	27.500	10	RG0163 • 3,40	RG0165 • 3,40	RG0166 • 3,40	RG0168 • 3,40	RG0169 3,40	RG0170 3,40	RG0171 3,40	RG0172 3,40
25x25x6	38.200	27.500	10	RG0173 • 3,50	RG0175 • 3,50	RG0176 • 3,50	RG0178 • 3,50	RG0179 3,50	RG0180 3,50	RG0181 3,50	RG0182 3,50
30x05x6	31.800	22.900	10	RG0183 • 2,05	RG0185 • 2,05	RG0186 • 2,05	RG0188 • 2,05	RG0189 • 2,05	RG0190 • 2,05	RG0191 2,05	RG0192 2,05
30x10x6	31.800	22.900	10	RG0193 • 2,10	RG0195 • 2,10	RG0196 • 2,10	RG0198 • 2,10	RG0199 • 2,10	RG0200 • 2,10	RG0201 • 2,10	RG0202 • 2,10
30x15x6	31.800	22.900	10	RG0203 • 2,22	RG0205 • 2,22	RG0206 • 2,22	RG0208 • 2,22	RG0209 • 2,22	RG0210 • 2,22	RG0211 • 2,22	RG0212 • 2,22
30x20x6	31.800	22.900	10	RG0213 • 2,32	RG0215 • 2,32	RG0216 • 2,32	RG0218 • 2,32	RG0219 2,32	RG0220 • 2,32	RG0221 • 2,32	RG0222 2,32
30x25x6	31.800	22.900	10	RG0223 • 2,44	RG0225 • 2,44	RG0226 • 2,44	RG0228 2,44	RG0229 2,44	RG0230 2,44	RG0231 2,44	RG0232 2,44
40x10x6	23.800	17.100	10	RG0233 • 2,22	RG0235 • 2,22	RG0236 • 2,22	RG0238 • 2,22	RG0239 2,22	RG0240 • 2,22	RG0241 2,22	RG0242 2,22
40x15x6	23.800	17.100	10	RG0243 • 2,32	RG0245 • 2,32	RG0246 • 2,32	RG0248 • 2,32	RG0249 • 2,32	RG0250 • 2,32	RG0251 • 2,32	RG0252 • 2,32
40x20x6	23.800	17.100	10	RG0253 • 2,44	RG0255 • 2,44	RG0256 • 2,44	RG0258 • 2,44	RG0259 • 2,44	RG0260 • 2,44	RG0261 • 2,44	RG0262 • 2,44
40x25x6	23.800	17.100	10	RG0263 • 2,68	RG0265 • 2,68	RG0266 • 2,68	RG0268 2,68	RG0269 2,68	RG0270 2,68	RG0271 2,68	RG0272 2,68
40x30x6	23.800	17.100	10	RG0273 • 2,95	RG0275 • 2,95	RG0276 • 2,95	RG0278 • 2,95	RG0279 • 2,95	RG0280 • 2,95	RG0281 • 2,95	RG0282 2,95



RG ALUMINIUM OXIDE flap wheels on 6mm-shaft

Description:

Aluminium oxide flaps and X-Flex weight backing. 6-mm diameter cylindrical shaft.

Main features and benefits:

These wheels are our most versatile RG tools. Robust and suitable for numerous applications on work surfaces of various kinds. Excellent flexibility.

Recommended applications:

Finishing, light deburring, cleaning or preparation for subsequent treatments (chromium plating, nickel plating or painting) on small or hard-to-reach surfaces such as the internal surfaces of pipes, cylinders, parts of irregular shape.

Work surfaces:

Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic materials, glass fibre, rubber, marble, stone, concrete, wood, hide or leather

diam/th/shaft	max	rpm		P40	P60	P80	P120	P150	P180	P240	P320
50x10x6	19.000	13.700	10	RG0283 • 2,27	RG0285 • 2,27	RG0286 • 2,27	RG0288 • 2,27	RG0289 2,27	RG0290 2,27	RG0291 • 2,27	RG0292 2,27
50x15x6	19.000	13.700	10	RG0293 • 2,59	RG0295 • 2,59	RG0296 • 2,59	RG0298 • 2,59	RG0299 2,59	RG0300 2,59	RG0301 • 2,59	RG0302 2,59
50x20x6	19.000	13.700	10	RG0303 2,85	RG0305 • 2,85	RG0306 • 2,85	RG0308 • 2,85	RG0309 2,85	RG0310 • 2,85	RG0311 • 2,85	RG0312 • 2,85
50x25x6	19.000	13.700	10	RG0313 • 3,13	RG0315 • 3,13	RG0316 • 3,13	RG0318 • 3,13	RG0319 3,13	RG0320 3,13	RG0321 3,13	RG0322 3,13
50x30x6	19.000	13.700	10	RG0323 • 3,28	RG0325 • 3,28	RG0326 • 3,28	RG0328 • 3,28	RG0329 • 3,28	RG0330 3,28	RG0331 • 3,28	RG0332 3,28
50x40x6	19.000	13.700	10	RG0333 • 3,60	RG0335 • 3,60	RG0336 • 3,60	RG0338 • 3,60	RG0339 3,60	RG0340 3,60	RG0341 3,60	RG0342 3,60
60x15x6	16.100	11.500	10	RG0343 • 2,75	RG0345 • 2,75	RG0346 • 2,75	RG0348 • 2,75	RG0349 • 2,75	RG0350 2,75	RG0351 2,75	RG0352 2,75
60x20x6	16.100	11.500	10	RG0353 • 3,09	RG0355 • 3,09	RG0356 • 3,09	RG0358 • 3,09	RG0359 • 3,09	RG0360 • 3,09	RG0361 • 3,09	RG0362 • 3,09
60x25x6	16.100	11.500	10	RG0363 3,32	RG0365 3,32	RG0366 3,32	RG0368 3,32	RG0369 3,32	RG0370 3,32	RG0371 3,32	RG0372 3,32
60x30x6	16.100	11.500	10	RG0373 • 3,49	RG0375 • 3,49	RG0376 • 3,49	RG0378 • 3,49	RG0379 • 3,49	RG0380 • 3,49	RG0381 • 3,49	RG0382 • 3,49
60x40x6	16.100	11.500	10	RG0383 • 4,04	RG0385 • 4,04	RG0386 • 4,04	RG0388 • 4,04	RG0389 4,04	RG0390 • 4,04	RG0391 • 4,04	RG0392 4,04
60x50x6	16.100	11.500	10	RG0393 • 4,63	RG0395 • 4,63	RG0396 • 4,63	RG0398 • 4,63	RG0399 4,63	RG0400 4,63	RG0401 4,63	RG0402 4,63
80x15x6	11.800	8.600	10	RG0403 • 3,37	RG0405 • 3,37	RG0406 • 3,37	RG0408 • 3,37	RG0409 3,37	RG0410 3,37	RG0411 3,37	RG0412 3,37
80x20x6	11.800	8.600	10	RG0413 • 3,76	RG0415 • 3,76	RG0416 • 3,76	RG0418 • 3,76	RG0419 3,76	RG0420 3,76	RG0421 3,76	RG0422 3,76
80x25x6	11.800	8.600	10	RG0423 4,14	RG0425 4,14	RG0426 4,14	RG0428 4,14	RG0429 4,14	RG0430 4,14	RG0431 4,14	RG0432 4,14
80x30x6	11.800	8.600	10	RG0433 • 4,77	RG0435 • 4,77	RG0436 • 4,77	RG0438 • 4,77	RG0439 • 4,77	RG0440 • 4,77	RG0441 • 4,77	RG0442 • 4,77
80x40x6	8.900	6.500	10	RG0443 • 5,88	RG0445 • 5,88	RG0446 • 5,88	RG0448 • 5,88	RG0449 5,88	RG0450 5,88	RG0451 • 5,88	RG0452 5,88
80x50x6	8.900	6.500	10	RG0453 • 6,60	RG0455 • 6,60	RG0456 • 6,60	RG0458 • 6,60	RG0459 • 6,60	RG0460 • 6,60	RG0461 • 6,60	RG0462 • 6,60

RG ALUMINIUM OXIDE flap wheels on threaded shaft



Description:

Aluminium oxide flaps and X-Flex weight backing 1/4-20 UNC shaft thread.

Main features and benefits:

Being quick to change, our RG flap wheels on threaded shaft can be ideally used in robotized applications or intensive production lines. In addition to this, it is extremely easy to switch over to a new grit on the same tool by manually unscrewing the wheel.

Recommended applications:

Finishing small parts, moulds, alloy wheels, robotized applications.

Work surfaces:

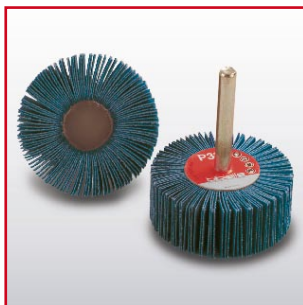
Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic materials, glass fibre, rubber, marble.

diam/th/shaft	max	rpm		P60	P80	P120	P180	P240	P320
25x15xTH	38.200	27.500	10	RG0463 3,39	RG0464 3,39	RG0465 3,39	RG0466 3,39	RG0467 3,39	RG0468 3,39
25x25xTH	38.200	27.500	10	RG0475 3,68	RG0476 3,68	RG0477 3,68	RG0478 3,68	RG0479 3,68	RG0480 3,68
30x10xTH	31.800	22.900	10	RG0481 2,20	RG0482 2,20	RG0483 2,20	RG0484 2,20	RG0485 2,20	RG0486 2,20
40x25xTH	23.800	17.100	10	RG0487 2,81	RG0488 2,81	RG0489 2,81	RG0490 2,81	RG0491 2,81	RG0492 2,81
50x25xTH	19.000	13.700	10	RG0499 3,29	RG0500 3,29	RG0501 3,29	RG0502 3,29	RG0503 3,29	RG0504 3,29



extended shaft for RG with threaded shaft

length/diameter	
50x6	00Y23 2,00
80x6	00Y20 2,85



RG ZIRCONIUM flap wheels on 6mm-shaft

Description:

Zirconium flaps and X-weight backing. 6-mm diameter cylindrical shaft.

Main features and benefits:

Highly efficient removal. Since flaps are quite rigid, do not use this product where high stresses could result in cloth breakage.

Recommended applications:

Cleaning welded surfaces or steel, stainless steel and titanium parts.

Work surfaces:

Stainless steel, standard steel, titanium.

diam/th/shaft	max	rpm		P40	P60	P80	P120
30x15x6	31.800	22.900	10	RG0505 • 2,65	RG0506 • 2,65	RG0507 • 2,65	RG0508 2,65
30x20x6	31.800	22.900	10	RG0509 • 2,79	RG0510 • 2,79	RG0511 • 2,79	RG0512 2,79
40x15x6	23.800	17.100	10	RG0513 2,79	RG0514 2,79	RG0515 2,79	RG0516 2,79
40x20x6	23.800	17.100	10	RG0517 • 2,92	RG0518 • 2,92	RG0519 • 2,92	RG0520 • 2,92
50x15x6	19.000	13.700	10	RG0521 3,14	RG0522 3,14	RG0523 3,14	RG0524 3,14
50x20x6	19.000	13.700	10	RG0525 3,40	RG0526 3,40	RG0527 3,40	RG0528 3,40
50x25x6	19.000	13.700	10	RG0529 3,75	RG0530 3,75	RG0531 3,75	RG0532 3,75
50x30x6	19.000	13.700	10	RG0533 • 3,94	RG0534 • 3,94	RG0535 3,94	RG0536 3,94
60x30x6	16.100	11.500	10	RG0537 • 4,18	RG0538 • 4,18	RG0539 • 4,18	RG0540 • 4,18
60x40x6	16.100	11.500	10	RG0541 4,85	RG0542 4,85	RG0543 4,85	RG0544 4,85
80x30x6	11.800	8.600	10	RG0545 5,72	RG0546 5,72	RG0547 5,72	RG0548 5,72



RF flap wheels on flanges

Description:

The Aluminium Oxide abrasive flaps with X-Flex weight backing are radially arranged from the tool axis.

The central hole is reinforced by a metal ring whose size varies according to wheel diameter. This ensures firm wheel holding on the machine tool by means of suitable reduction flanges.

Main features and benefits:

This big-sized tool ensures long life, continuous working cycles and reduced change time.

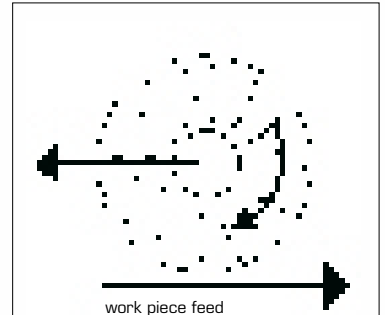
This product can be used both manually on flexible-shaft machines and on stationary polishing machines.

Large diameters increase contact surface while making finish more even compared with similar smaller-sized tools.

Our RF Flap Wheels on Flanges can be used on wide surfaces.

The special flap arrangement ensures consistent abrasive wear and continuous exposure of new grit while maintaining high and stable cutting performance as well as consistent finishing quality for the entire life of the tool. It also ensures extreme flexibility and perfect adaptability to irregular shapes.

Adequate ventilation prevents work surfaces from overheating.



When using our Flap Wheels on Flanges, always respect the direction of rotation given by the abrasive flap surface and operate at low pressure.

The work piece should be fed in the direction opposite to the direction of rotation of the wheel. Besides reducing performance, any misuse can result in wheel breakage.

Recommended applications:

Finishing wide flat, concave and convex surfaces; grinding the internal and outer surfaces of tanks, containers and pipes; finishing parts of irregular shape such as handles, taps and moulded parts. Removing and cleaning welding seams.

Work surfaces:

Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic materials, plastic reinforced by fibre glass, marble, stone, rubber.

Industries served:

- Metalworking.
- Production of metal tanks and reservoirs.
- Production of machinery and equipment for chemical, medical, textile and food companies.
- Automotive industry, in particular for deburring and cleaning stainless steel or chromium-plated parts.
- Design objects and fittings (handles, taps, small tools).
- Manufacture of pots and pans.
- Stainless steel fittings (hobs, cookers, domestic appliances, extractor hoods).



RF ALUMINIUM OXIDE flap wheels with wooden hub

Description:

Aluminium Oxide flaps and X-Flex weight backing. The central wooden hub has a hole allowing it to be fitted on threaded conical shafts.

Main features and benefits:



Threaded shafts allow you to fit and remove very quickly while reducing balance control.

Recommended applications:

Finishing wide flat, concave and convex surfaces; grinding the internal and outer surfaces of tanks, containers and pipes; finishing parts of irregular shape.


Work surfaces:

Stainless steel, standard steel, alloyed steel, nonferrous materials and alloys.

diam./th	hole			P40	P60	P80	P120	A 180	A 240
165x25	13	5.200	5	RF0481 • 18,06	RF0483 • 18,06	RF0484 • 19,69	RF0486 • 19,69	RF0488 • 21,21	RF0490 • 21,56
165x50	13	5.200	5	RF0493 • 27,93	RF0495 • 27,93	RF0496 • 31,55	RF0498 • 31,55	RF0500 • 35,77	RF0502 • 39,32



pair of metal reduction flanges for RF

	Flap wheel hole	25,4	26	30	44	54	100	132	152
1		00U1 • 2,42	00U3 • 2,42	00U4 • 2,42	00U15 • 10,84	00U5 • 13,21	00U6 • 32,00	00U12 • 37,31	00U13 • 43,96



RF ALUMINIUM OXIDE flap wheels on flanges

Description:

Aluminium oxide flaps and X-Flex weight backing.

Main features and benefits:

Thanks to the exceptional range of diameters and heights available, the most appropriate handiness/durability combination is guaranteed.

The abrasive used ensures perfect flexibility/strength balance.

Since 350 and 410-mm diameter wheels are heavier, they are individually balanced so as to ensure their stability and balance when used on automatic machines or robotized lines.

Recommended applications:

Finishing wide flat, concave and convex surfaces; grinding the internal and outer surfaces of tanks, containers and pipes; finishing parts of irregular shape such as handles, taps and moulded parts. Removing and cleaning welding seams.

Work surfaces:

Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic materials, plastic reinforced by fibre glass, marble, stone, rubber.

diam./th	hole			P40	P50	P60	P80	P100	P120
100x25	26	8.600	10	RF0001 10,52	RF0002 10,52	RF0003 10,52	RF0004 11,98	RF0005 11,98	RF0006 11,98
100x30	26	8.600	10	RF0013 • 11,09	RF0014 11,09	RF0015 • 11,09	RF0016 • 12,62	RF0017 12,62	RF0018 • 12,62
100x50	26	8.600	10	RF0025 15,52	RF0026 15,52	RF0027 15,52	RF0028 17,04	RF0029 17,04	RF0030 17,04
150x25	25,4	5.700	10	RF0037 13,58	RF0038 13,58	RF0039 13,58	RF0040 13,87	RF0041 13,87	RF0042 13,87
150x30	25,4	5.700	10	RF0049 14,00	RF0050 14,00	RF0051 14,00	RF0052 15,52	RF0053 15,52	RF0054 15,52
150x50	25,4	5.700	10	RF0061 18,52	RF0062 18,52	RF0063 18,52	RF0064 21,47	RF0065 21,47	RF0066 21,47
165x25	25,4	5.200	5	RF0073 15,52	RF0074 15,52	RF0075 15,52	RF0076 17,04	RF0077 17,04	RF0078 17,04
165x30	25,4	5.200	5	RF0085 18,52	RF0086 18,52	RF0087 18,52	RF0088 20,50	RF0089 20,50	RF0090 20,50
165x50	25,4	5.200	5	RF0097 • 23,60	RF0098 23,60	RF0099 • 23,60	RF0100 28,18	RF0101 28,18	RF0102 28,18
165x25	30	5.200	5	RF0109 15,52	RF0110 15,52	RF0111 15,52	RF0112 17,04	RF0113 17,04	RF0114 17,04
165x30	30	5.200	5	RF0121 18,52	RF0122 18,52	RF0123 18,52	RF0124 20,50	RF0125 20,50	RF0126 20,50
165x50	30	5.200	5	RF0133 23,60	RF0134 23,60	RF0135 23,60	RF0136 28,18	RF0137 28,18	RF0138 28,18
165x25	44,45	5.200	5	RF0145 • 15,52	RF0146 • 15,52	RF0147 • 15,52	RF0148 • 17,04	RF0149 • 17,04	RF0150 • 17,04
165x30	44,45	5.200	5	RF0157 18,52	RF0158 18,52	RF0159 18,52	RF0160 20,50	RF0161 20,50	RF0162 20,50
165x50	44,45	5.200	5	RF0169 • 23,60	RF0170 • 23,60	RF0171 • 23,60	RF0172 • 28,18	RF0173 • 28,18	RF0174 • 28,18
165x25	54	5.200	5	RF0181 15,52	RF0182 15,52	RF0183 15,52	RF0184 17,04	RF0185 17,04	RF0186 17,04
165x30	54	5.200	5	RF0193 • 18,52	RF0194 18,52	RF0195 • 18,52	RF0196 • 20,50	RF0197 • 20,50	RF0198 • 20,50
165x50	54	5.200	5	RF0205 • 23,60	RF0206 • 23,60	RF0207 • 23,60	RF0208 • 28,18	RF0209 • 28,18	RF0210 • 28,18



RF ALUMINIUM OXIDE flap wheels on flanges

Description:

Aluminium oxide flaps and X-Flex weight backing.

Main features and benefits:

Thanks to the exceptional range of diameters and heights available, the most appropriate handiness/durability combination is guaranteed.

The abrasive used ensures perfect flexibility/strength balance.


Since 350 and 410-mm diameter wheels are heavier, they are individually balanced so as to ensure their stability and balance when used on automatic machines or robotized lines.

Recommended applications:

Finishing wide flat, concave and convex surfaces; grinding the internal and outer surfaces of tanks, containers and pipes; finishing parts of irregular shape such as handles, taps and moulded parts. Removing and cleaning welding seams.

Work surfaces:

Stainless steel, standard steel, alloyed steel, aluminium, titanium, nonferrous materials and alloys, plastic materials, plastic reinforced by fibre glass, marble, stone, rubber.

diam./th	hole			P150	P180	P220	P240	P280	P320
100x25	26	8.600	10	RF0007 12,80	RF0008 12,80	RF0009 12,80	RF0010 14,31	RF0011 14,31	RF0012 14,31
100x30	26	8.600	10	RF0019 13,47	RF0020 13,47	RF0021 13,47	RF0022 15,07	RF0023 15,07	RF0024 15,07
100x50	26	8.600	10	RF0031 18,52	RF0032 18,52	RF0033 18,52	RF0034 21,12	RF0035 21,12	RF0036 21,12
150x25	25,4	5.700	10	RF0043 15,52	RF0044 15,52	RF0045 15,52	RF0046 18,52	RF0047 18,52	RF0048 18,52
150x30	25,4	5.700	10	RF0055 18,52	RF0056 18,52	RF0057 18,52	RF0058 21,47	RF0059 21,47	RF0060 21,47
150x50	25,4	5.700	10	RF0067 23,60	RF0068 23,60	RF0069 23,60	RF0070 26,05	RF0071 26,05	RF0072 26,05
165x25	25,4	5.200	5	RF0079 19,99	RF0080 19,99	RF0081 19,99	RF0082 20,77	RF0083 20,77	RF0084 20,77
165x30	25,4	5.200	5	RF0091 23,60	RF0092 23,60	RF0093 23,60	RF0094 25,74	RF0095 25,74	RF0096 25,74
165x50	25,4	5.200	5	RF0103 32,16	RF0104 32,16	RF0105 32,16	RF0106 35,00	RF0107 35,00	RF0108 35,00
165x25	30	5.200	5	RF0115 19,99	RF0116 19,99	RF0117 19,99	RF0118 20,77	RF0119 20,77	RF0120 20,77
165x30	30	5.200	5	RF0127 23,60	RF0128 23,60	RF0129 23,60	RF0130 25,74	RF0131 25,74	RF0132 25,74
165x50	30	5.200	5	RF0139 32,16	RF0140 32,16	RF0141 32,16	RF0142 35,00	RF0143 35,00	RF0144 35,00
165x25	44,45	5.200	5	RF0151 • 19,99	RF0152 • 19,99	RF0153 • 19,99	RF0154 • 20,77	RF0155 • 20,77	RF0156 • 20,77
165x30	44,45	5.200	5	RF0163 23,60	RF0164 23,60	RF0165 23,60	RF0166 25,74	RF0167 25,74	RF0168 25,74
165x50	44,45	5.200	5	RF0175 • 32,16	RF0176 • 32,16	RF0177 • 32,16	RF0178 • 35,00	RF0179 • 35,00	RF0180 • 35,00
165x25	54	5.200	5	RF0187 19,99	RF0188 19,99	RF0189 19,99	RF0190 20,77	RF0191 20,77	RF0192 20,77
165x30	54	5.200	5	RF0199 • 23,60	RF0200 • 23,60	RF0201 • 23,60	RF0202 25,74	RF0203 25,74	RF0204 • 25,74
165x50	54	5.200	5	RF0211 • 32,16	RF0212 • 32,16	RF0213 • 32,16	RF0214 35,00	RF0215 35,00	RF0216 35,00



RF ALUMINIUM OXIDE flap wheels on flanges

Description:

Aluminium oxide flaps and X-Flex weight backing.

Main features and benefits:

Thanks to the exceptional range of diameters and heights available, the most appropriate handiness/durability combination is guaranteed.

The abrasive used ensures perfect flexibility/strength balance.

Since 350 and 410-mm diameter wheels are heavier, they are individually balanced so as to ensure their stability and balance when used on automatic machines or robotized lines.

diam./th	hole			P40	P50	P60	P80	P100	P120
200x25	30	4.300	5	RF0217 23,01	RF0218 23,01	RF0219 23,01	RF0220 26,66	RF0221 26,66	RF0222 26,66
200x30	30	4.300	5	RF0229 26,66	RF0230 26,66	RF0231 26,66	RF0232 28,80	RF0233 28,80	RF0234 28,80
200x50	30	4.300	5	RF0241 34,72	RF0242 34,72	RF0243 34,72	RF0244 41,65	RF0245 41,65	RF0246 41,65
200x25	54	4.300	5	RF0253 23,02	RF0254 23,02	RF0255 23,02	RF0256 26,68	RF0257 26,68	RF0258 26,68
200x30	54	4.300	5	RF0265 26,68	RF0266 26,68	RF0267 26,68	RF0268 28,82	RF0269 28,82	RF0270 28,82
200x50	54	4.300	5	RF0277 • 34,72	RF0278 • 34,72	RF0279 • 34,72	RF0280 • 41,68	RF0281 • 41,68	RF0282 • 41,68
250x25	100	3.400	5	RF0289 28,14	RF0290 28,14	RF0291 28,14	RF0292 • 35,70	RF0293 35,70	RF0294 • 35,70
250x30	100	3.400	5	RF0301 34,88	RF0302 34,88	RF0303 • 34,88	RF0304 • 41,58	RF0305 • 41,58	RF0306 • 41,58
250x50	100	3.400	5	RF0313 • 49,84	RF0314 • 49,84	RF0315 • 49,84	RF0316 • 58,00	RF0317 • 58,00	RF0318 • 58,00
300x30	100	2.850	5	RF0325 54,74	RF0326 54,74	RF0327 54,74	RF0328 • 63,00	RF0329 63,00	RF0330 • 63,00
300x50	100	2.850	5	RF0337 • 68,65	RF0338 68,65	RF0339 • 68,65	RF0340 • 78,54	RF0341 • 78,54	RF0342 • 78,54
300x75	100	2.850	5	RF0349 94,18	RF0350 94,18	RF0351 • 94,18	RF0352 • 110,04	RF0353 110,04	RF0354 • 110,04
350x30	132	2.250	2	RF0361 62,29	RF0362 62,29	RF0363 62,29	RF0364 73,23	RF0365 73,23	RF0366 73,23
350x50	132	2.250	2	RF0373 88,24	RF0374 88,24	RF0375 88,24	RF0376 99,44	RF0377 99,44	RF0378 99,44
350x60	132	2.250	2	RF0385 102,90	RF0386 102,90	RF0387 102,90	RF0388 123,24	RF0389 123,24	RF0390 123,24
350x75	132	2.250	2	RF0397 132,56	RF0398 132,56	RF0399 132,56	RF0400 139,55	RF0401 139,55	RF0402 139,55
350x100	132	2.250	2	RF0409 159,85	RF0410 159,85	RF0411 159,85	RF0412 188,42	RF0413 188,42	RF0414 188,42
410x30	152	2.080	2	RF0421 81,80	RF0422 81,80	RF0423 81,80	RF0424 92,84	RF0425 92,84	RF0426 92,84
410x50	152	2.080	2	RF0433 116,00	RF0434 116,00	RF0435 116,00	RF0436 139,41	RF0437 139,41	RF0438 139,41
410x60	152	2.080	2	RF0445 151,79	RF0446 151,79	RF0447 151,79	RF0448 184,63	RF0449 184,63	RF0450 184,63
410x75	152	2.080	2	RF0457 159,76	RF0458 159,76	RF0459 159,76	RF0460 194,36	RF0461 194,36	RF0462 194,36
410x100	152	2.080	2	RF0469 207,58	RF0470 207,58	RF0471 207,58	RF0472 247,28	RF0473 247,28	RF0474 247,28



RF ALUMINIUM OXIDE flap wheels on flanges

Description:



Aluminium oxide flaps and X-Flex weight backing.

Main features and benefits:

Thanks to the exceptional range of diameters and heights available, the most appropriate handiness/durability combination is guaranteed.

The abrasive used ensures perfect flexibility/strength balance.

Since 350 and 410-mm diameter wheels are heavier, they are individually balanced so as to ensure their stability and balance when used on automatic machines or robotized lines.

diam./th	hole			P150	P180	P220	P240	P280	P320
200x25	30	4.300	5	RF0223 30,17	RF0224 30,17	RF0225 30,17	RF0226 33,74	RF0227 33,74	RF0228 33,74
200x30	30	4.300	5	RF0235 33,74	RF0236 33,74	RF0237 33,74	RF0238 38,60	RF0239 38,60	RF0240 38,60
200x50	30	4.300	5	RF0247 51,45	RF0248 51,45	RF0249 51,45	RF0250 58,57	RF0251 58,57	RF0252 58,57
200x25	54	4.300	5	RF0259 30,19	RF0260 30,19	RF0261 30,19	RF0262 33,76	RF0263 33,76	RF0264 33,76
200x30	54	4.300	5	RF0271 33,76	RF0272 33,76	RF0273 33,76	RF0274 38,60	RF0275 38,60	RF0276 38,60
200x50	54	4.300	5	RF0283 51,45	RF0284 51,45	RF0285 51,45	RF0286 58,59	RF0287 58,59	RF0288 58,59
250x25	100	3.400	5	RF0295 41,58	RF0296 • 41,58	RF0297 • 41,58	RF0298 47,25	RF0299 • 47,25	RF0300 47,25
250x30	100	3.400	5	RF0307 48,09	RF0308 • 48,09	RF0309 • 48,09	RF0310 54,74	RF0311 • 54,74	RF0312 54,74
250x50	100	3.400	5	RF0319 • 66,78	RF0320 • 66,78	RF0321 • 66,78	RF0322 • 75,28	RF0323 • 75,28	RF0324 • 75,28
300x30	100	2.850	5	RF0331 70,24	RF0332 • 70,24	RF0333 70,24	RF0334 73,89	RF0335 73,89	RF0336 • 73,89
300x50	100	2.850	5	RF0343 • 92,83	RF0344 • 92,83	RF0345 • 92,83	RF0346 • 108,99	RF0347 • 108,99	RF0348 • 108,99
300x75	100	2.850	5	RF0355 • 133,42	RF0356 • 133,42	RF0357 • 133,42	RF0358 • 154,81	RF0359 • 154,81	RF0360 154,81
350x30	132	2.250	2	RF0367 84,51	RF0368 84,51	RF0369 84,51	RF0370 97,44	RF0371 97,44	RF0372 97,44
350x50	132	2.250	2	RF0379 125,26	RF0380 125,26	RF0381 125,26	RF0382 139,48	RF0383 139,48	RF0384 139,48
350x60	132	2.250	2	RF0391 147,73	RF0392 147,73	RF0393 147,73	RF0394 168,05	RF0395 168,05	RF0396 168,05
350x75	132	2.250	2	RF0403 177,24	RF0404 177,24	RF0405 177,24	RF0406 202,68	RF0407 202,68	RF0408 202,68
350x100	132	2.250	2	RF0415 225,09	RF0416 225,09	RF0417 225,09	RF0418 261,75	RF0419 261,75	RF0420 261,75
410x30	152	2.080	2	RF0427 115,10	RF0428 115,10	RF0429 115,10	RF0430 128,22	RF0431 128,22	RF0432 128,22
410x50	152	2.080	2	RF0439 167,91	RF0440 167,91	RF0441 167,91	RF0442 188,25	RF0443 188,25	RF0444 188,25
410x60	152	2.080	2	RF0451 223,29	RF0452 223,29	RF0453 223,29	RF0454 252,32	RF0455 252,32	RF0456 252,32
410x75	152	2.080	2	RF0463 235,06	RF0464 235,06	RF0465 235,06	RF0466 265,58	RF0467 265,58	RF0468 265,58
410x100	152	2.080	2	RF0475 304,26	RF0476 304,26	RF0477 304,26	RF0478 345,99	RF0479 345,99	RF0480 345,99

SB reinforced spiral bands

Description: Small-sized abrasive cylinders internally reinforced with cotton cloth.

Main features and benefits: Compact design allows you to work even on very confined spaces. Perfect adherence to backing and top-quality abrasive ensure long life. They should be used on expanders the size of the band (page 52).

Recommended applications: Finishing of moulded parts, internal surfaces of cylinders, pipes and drilled parts in general.

Work surfaces: Standard steel, stainless steel, nonferrous materials and alloys, plastic materials.



SB ALUMINIUM OXIDE reinforced spiral bands



Description: Aluminium oxide SB, X-weight backing.

Main features and benefits:

Thanks to aluminium oxide, they are suitable for a wide range of work surfaces.

Recommended applications: Finishing of moulded parts, internal surfaces of cylinders, pipes and drilled parts in general.

Work surfaces: Standard steel, nonferrous materials and alloys, plastic materials.

diam./th.			P36	P50	P60	P80	P120	P150	P180
10x10	38.000	100				SB0004 • 0,14	SB0005 0,14	SB0006 0,14	SB0007 0,14
10x20	38.000	100		SB0016 0,18	SB0017 • 1,17	SB0018 • 1,17	SB0019 • 1,17	SB0020 1,17	SB0021 1,17
13x25	30.000	100	SB0029 0,21	SB0030 0,19	SB0031 • 0,19	SB0032 • 0,19	SB0033 0,19	SB0034 • 0,19	SB0035 0,19
15x10	26.000	100				SB0046 0,14	SB0047 0,14	SB0048 0,14	SB0049 0,14
15x30	26.000	100	SB0057 • 0,14	SB0058 • 0,23	SB0059 • 0,22	SB0060 • 0,22	SB0061 • 0,22	SB0062 • 0,22	SB0063 0,22
19x25	20.000	100	SB0071 0,25	SB0072 0,24	SB0073 • 0,23	SB0074 0,22	SB0075 0,22	SB0076 0,22	SB0077 0,22
22x20	17.000	100	SB0085 • 0,27	SB0086 • 0,25	SB0087 • 0,25	SB0088 • 0,25	SB0089 0,25	SB0090 • 0,25	SB0091 0,25
25x25	15.000	100	SB0099 • 0,29	SB0100 0,27	SB0101 • 0,26	SB0102 • 0,26	SB0103 0,26	SB0104 0,26	SB0105 0,26
30x20	13.000	100	SB0113 0,25	SB0114 0,24	SB0115 • 0,23	SB0116 • 0,23	SB0117 0,23	SB0118 0,23	SB0119 0,23
30x30	13.000	100	SB0127 • 0,32	SB0128 0,29	SB0129 • 0,29	SB0130 • 0,28	SB0131 0,28	SB0132 • 0,28	SB0133 0,28
38x25	10.000	100	SB0141 0,35	SB0142 0,33	SB0143 0,32	SB0144 0,32	SB0145 0,29	SB0146 0,29	SB0147 0,29
45x30	8.500	100	SB0155 • 0,39	SB0156 • 0,38	SB0157 • 0,37	SB0158 • 0,36	SB0159 0,36	SB0160 0,36	SB0161 0,36
51x25	7.500	100	SB0169 0,39	SB0170 0,37	SB0171 • 0,37	SB0172 • 0,35	SB0173 0,34	SB0174 0,34	SB0175 0,34
60x30	6.500	50	SB0183 0,48	SB0184 0,45	SB0185 • 0,43	SB0186 • 0,40	SB0187 0,40	SB0188 0,40	SB0189 0,40
75x30	5.000	50	SB0197 0,61	SB0198 0,55	SB0199 0,54	SB0200 0,51	SB0201 0,50	SB0202 0,50	SB0203 0,50
100x40	4.000	25	SB0211 0,94	SB0212 0,94	SB0213 0,89	SB0214 0,87	SB0215 0,80	SB0216 0,80	SB0217 0,80



SB ZIRCONIUM reinforced spiral bands

Description:

Zirconium SB, X-weight backing.



Main features and benefits:

Zirconium ensures quick and highly efficient removal to the detriment of flexibility.

Recommended applications:

Finishing of moulded parts, internal surfaces of cylinders, pipes and drilled parts in general.

Work surfaces: Standard steel, stainless steel.

diam./th.			P36	P50	P60	P80	P120
10x10	38.000	100				SB0011 0,19	SB0012 0,19
10x20	38.000	100		SB0023 0,23	SB0024 • 0,23	SB0025 • 0,22	SB0026 • 0,22
13x25	30.000	100	SB0036 • 0,26	SB0037 0,25	SB0038 • 0,25	SB0039 • 0,24	SB0040 0,24
15x10	26.000	100				SB0053 0,19	SB0054 0,19
15x30	26.000	100	SB0064 • 0,28	SB0065 • 0,27	SB0066 • 0,26	SB0067 • 0,26	SB0068 • 0,25
19x25	20.000	100	SB0078 0,30	SB0079 0,28	SB0080 0,28	SB0081 • 0,27	SB0082 0,27
22x20	17.000	100	SB0092 • 0,27	SB0093 • 0,25	SB0094 • 0,25	SB0095 • 0,24	SB0096 0,24
25x25	15.000	100	SB0106 • 0,36	SB0107 0,34	SB0108 • 0,34	SB0109 • 0,33	SB0110 0,33
30x20	13.000	100	SB0120 0,29	SB0121 0,28	SB0122 • 0,28	SB0123 • 0,27	SB0124 0,27
30x30	13.000	100	SB0134 • 0,39	SB0135 0,37	SB0136 • 0,36	SB0137 • 0,36	SB0138 • 0,35
38x25	10.000	100	SB0148 0,42	SB0149 0,40	SB0150 0,38	SB0151 0,38	SB0152 0,37
45x30	8.500	100	SB0162 • 0,50	SB0163 0,48	SB0164 • 0,46	SB0165 • 0,45	SB0166 0,44
51x25	7.500	100	SB0176 0,50	SB0177 • 0,46	SB0178 0,45	SB0179 0,41	SB0180 0,41
60x30	6.500	50	SB0190 • 0,59	SB0191 0,57	SB0192 • 0,54	SB0193 • 0,52	SB0194 0,51
75x30	5.000	50	SB0204 0,76	SB0205 0,69	SB0206 0,66	SB0207 0,64	SB0208 0,63
100x40	4.000	25	SB0218 1,19	SB0219 1,13	SB0220 1,08	SB0221 1,04	SB0222 1,02



DCR quick-change discs

Description:

The abrasive discs are glued to threaded nylon shafts allowing them to be rapidly fitted on proper holders.

Two fastening systems are available:

- **R System** where abrasive discs are male threaded. Thanks to their wide adhesive surfaces, they provide higher mechanical strength. BIBIELLE R System is compatible with the backup pads of similar competitive products.
- **S System** where abrasive discs are female threaded. Due to their narrower adhesive surface, they provide lower mechanical strength. BIBIELLE S System is compatible with the backup pads of similar competitive products.

Main features and benefits:

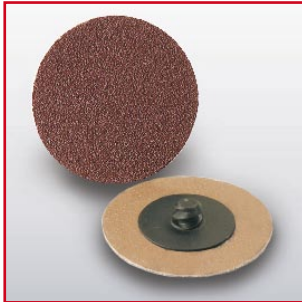
Quick-change discs are the ideal products for face applications on small areas and spaces. A mechanical securing system allows discs to be firmly held and prevents them from moving during operation while ensuring extremely quick change. Perfect adherence and top-quality abrasive ensure long life.

Recommended applications:

Mould and model making, manufacture and repair of cars, the aeronautical and aerospace industry, manufacture of small-sized tanks and equipment.

Work surfaces:

Standard steel, stainless steel, alloyed steel, cast iron, aluminium, nonferrous materials.



DCR ALUMINIUM OXIDE quick-change discs - R

Description:

Aluminium oxide discs, Y-weight backing.



Main features and benefits:

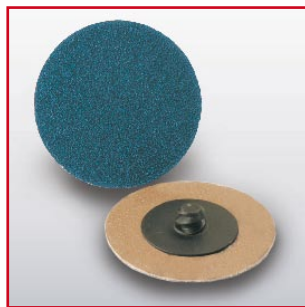
Thanks to aluminium oxide, they are suitable for a wide range of work surfaces.

Recommended applications:

Mould and model making, manufacture and repair of cars, the aeronautical and aerospace industry, manufacture of small-sized tanks and equipment.

Work surfaces: Standard steel, nonferrous materials.

diameter			P36	P40	P50	P60	P80	P120	Holder (page 51)
25	30.000	100	DR1016 0,28	DR1017 0,28	DR1018 0,28	DR1019 0,28	DR1020 0,28	DR1022 0,28	RH0050
38	25.000	100	DR1030 0,36	DR1031 0,36	DR1032 0,36	DR1033 0,36	DR1034 • 0,36	DR1036 0,36	RH0051
51	25.000	100	DR1044 0,44	DR1045 • 0,44	DR1046 0,44	DR1047 • 0,44	DR1048 • 0,44	DR1050 • 0,44	RH0052
76	20.000	50	DR1058 0,67	DR1059 • 0,67	DR1060 0,67	DR1061 • 0,67	DR1062 • 0,67	DR1064 • 0,67	RH0053



DCR ZIRCONIUM quick-change discs - R

Description:

Zirconium discs, Y-weight backing.

Main features and benefits:



Zirconium ensures highly efficient removal in all applications requiring high operating pressure.

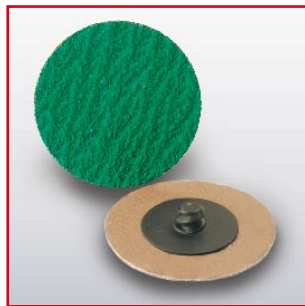
Recommended applications:

Mould making, manufacture of small-sized tanks and equipment.

Work surfaces:

Stainless steel, alloyed steel, titanium, glass fibre.

diameter			P36	P40	P50	P60	P80	P120	Holder (page 51)
25	30.000	100	DR1080 0,30	DR1081 0,30	DR1082 0,30	DR1083 0,30	DR1084 0,30	DR1086 0,30	RH0050
38	25.000	100	DR1088 0,41	DR1089 0,41	DR1090 0,41	DR1091 0,41	DR1092 0,41	DR1094 0,41	RH0051
51	25.000	100	DR1096 0,52	DR1097 • 0,52	DR1098 0,52	DR1099 • 0,52	DR1100 • 0,52	DR1102 • 0,52	RH0052
76	20.000	50	DR1104 • 0,87	DR1105 0,87	DR1106 0,87	DR1107 • 0,87	DR1108 • 0,87	DR1110 • 0,87	RH0053



DCR HIGH PERFORMANCE quick-change discs - R

Description:

High-performance Zirconium discs (with additive), Y-weight backing.



Main features and benefits:

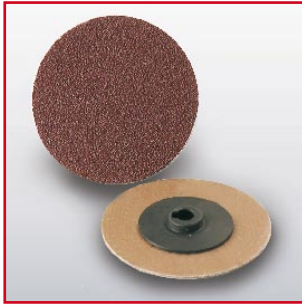
The use of a layer of additive ensures highly efficient removal and reduced clogging without excessively increasing work surface temperature.

Recommended applications:

Applications requiring heavy removal and high working speed such as removing small-sized burrs and welding spots.

Work surfaces: Stainless steel, aluminium.

diameter			P36	P40	P50	P60	P80	P120	Holder (page 51)
25	30.000	100	DR1118 0,30	DR1119 0,30	DR1120 0,30	DR1121 • 0,30	DR1122 0,30	DR1123 0,30	RH0050
38	25.000	100	DR1125 0,42	DR1126 0,42	DR1127 0,42	DR1128 • 0,42	DR1129 0,42	DR1130 • 0,42	RH0051
51	25.000	100	DR1132 • 0,56	DR1133 • 0,56	DR1134 • 0,56	DR1135 • 0,56	DR1136 • 0,56	DR1137 • 0,56	RH0052
76	20.000	50	DR1139 • 0,90	DR1140 0,90	DR1141 • 0,90	DR1142 • 0,90	DR1143 • 0,90	DR1144 • 0,90	RH0053



DCR ALUMINIUM OXIDE quick-change discs - S

Description: Aluminium oxide discs, Y-weight backing



Main features and benefits:

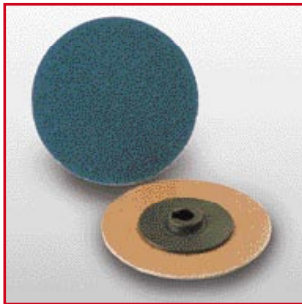
Thanks to aluminium oxide they are suitable for a wide range of work surfaces.

Recommended applications:

Mould and model making, manufacture and repair of cars, the aeronautical and aerospace industry, manufacture of small-sized tanks and equipment

Work surfaces: Standard steel, nonferrous materials.

diameter			P36	P40	P50	P60	P80	P120	Holder (page 51)
25	30.000	100	DR0016 0,28	DR0017 0,28	DR0018 0,28	DR0019 0,28	DR0020 0,28	DR0022 0,28	RH0070
38	25.000	100	DR0030 0,36	DR0031 0,36	DR0032 0,36	DR0033 0,36	DR0034 0,36	DR0036 0,36	RH0071
51	25.000	100	DR0044 0,44	DR0045 0,44	DR0046 0,44	DR0047 0,44	DR0048 0,44	DR0050 0,44	RH0072
76	20.000	50	DR0058 0,67	DR0059 0,67	DR0060 0,67	DR0061 0,67	DR0062 0,67	DR0064 0,67	RH0073



DCR ZIRCONIUM quick-change discs - S

Description: Zirconium discs, Y-weight backing.



Main features and benefits:

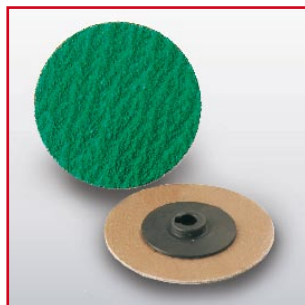
Zirconium ensures highly efficient removal in all applications requiring high operating pressure.

Recommended applications:

Mould making, manufacture of small-sized tanks and equipment

Work surfaces: Stainless steel, alloyed steel, titanium, glass fibre.

diameter			P36	P40	P50	P60	P80	P120	Holder (page 51)
25	30.000	100	DR0080 0,30	DR0081 0,30	DR0082 0,30	DR0083 0,30	DR0084 0,30	DR0086 0,30	RH0070
38	25.000	100	DR0088 0,41	DR0089 0,41	DR0090 0,41	DR0091 0,41	DR0092 0,41	DR0094 0,41	RH0071
51	25.000	100	DR0096 0,52	DR0097 0,52	DR0098 0,52	DR0099 0,52	DR0100 0,52	DR0102 0,52	RH0072
76	20.000	50	DR0104 0,87	DR0105 0,87	DR0106 0,87	DR0107 0,87	DR0108 0,87	DR0110 0,87	RH0073



DCR HIGH PERFORMANCE quick-change discs - S

Description: High-performance Zirconium discs (with additive), Y-weight backing.



Main features and benefits:

The use of a layer of additive ensures highly efficient removal and reduced clogging without excessively increasing work surface temperature.

Recommended applications:

Applications requiring heavy removal and high working speed such as removing small-sized burrs and welding spots.

Work surfaces: Stainless steel, aluminium.



diameter			P36	P40	P50	P60	P80	P120	Holder (page 51)
25	30.000	100	DR0120 0,30	DR0121 0,30	DR0122 0,30	DR0123 0,30	DR0124 0,30	DR0125 0,30	RH0070
38	25.000	100	DR0127 0,42	DR0128 0,42	DR0129 0,42	DR0130 0,42	DR0131 0,42	DR0132 0,42	RH0071
51	25.000	100	DR0134 0,56	DR0135 0,56	DR0136 0,56	DR0137 0,56	DR0138 0,56	DR0139 0,56	RH0072
76	20.000	50	DR0141 0,90	DR0142 0,90	DR0143 0,90	DR0144 0,90	DR0145 0,90	DR0146 0,90	RH0073

ACCESSORIES



RH holders for DCR-R 6 mm shaft (hardness 80 SHA)



Size 25 and 38 available with 3mm shaft, too.

diam./shaft.			
25x6	30.000	5	RH0050 • 8,64
38x6	25.000	5	RH0051 • 9,61
51x6	25.000	5	RH0052 • 13,65
76x6	20.000	5	RH0053 • 15,99



RH holders for DCR-S shaft 6 mm (hardness 80 SHA)

Size 25 and 38 available with 3mm shaft, too.


diam./shaft.			
25x6	30.000	5	RH0070 • 8,64
38x6	25.000	5	RH0071 • 9,61
51x6	25.000	5	RH0072 • 13,65
76x6	20.000	5	RH0073 • 15,99

ACCESSORIES



adapter for DCR Holder-M14

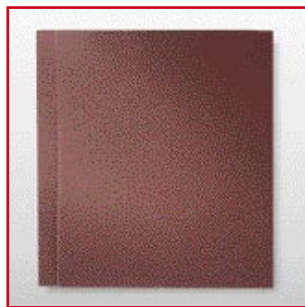
To fit the RH Holders for DCR both R or S to the M14 thread of angle grinders.

		
1		00Y25 • 4,48



RH ventilated holder for SB 6 mm shaft (medium hardness 80 SHA)

diam./th./shaft.			
10x10x6	38.000	5	RH0001 • 4,41
10x20x6	38.000	5	RH0002 • 5,17
13x25x6	30.000	5	RH0003 • 5,43
15x10x6	26.000	5	RH0004 • 4,69
15x30x6	26.000	5	RH0005 • 6,27
19x25x6	20.000	5	RH0006 • 6,87
22x20x6	17.000	5	RH0007 • 6,60
25x25x6	15.000	5	RH0008 • 7,55
30x20x6	13.000	5	RH0009 • 6,09
30x30x6	13.000	5	RH0010 • 7,97
38x25x6	10.000	5	RH0011 • 8,84
45x30x6	8.500	5	RH0012 • 8,99
51x25x6	7.500	5	RH0013 • 9,92
60x30x6	6.500	5	RH0014 • 11,18
75x30x6	5.000	5	RH0015 • 12,99
100x40x8	4.000	5	RH0016 • 16,23



CHP ALUMINIUM OXIDE sheets

Description:

Highly flexible sheets, JFlex-weight backing, aluminium oxide grain, double resin

Main features and benefits:

This product is suitable for manual applications or manual applications on low-speed rotating work pieces. Being extremely flexible it easily adapts to any shape of work piece, both concave and convex, or to pipes.

Recommended applications:

Grinding and cleaning of parts.

Work surfaces: All metals, leather, plastic.

sizes		P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P400
230x280	50	CHP400 • 1,25	CHP401 • 1,25	CHP402 • 1,25	CHP403 • 1,25	CHP404 • 1,25	CHP405 • 1,25	CHP406 • 1,25	CHP407 • 1,25	CHP413 • 1,25	CHP408 • 1,25	CHP409 • 1,25	CHP410 • 1,25	CHP412 • 1,25



CRL ALUMINIUM OXIDE economy rolls

Description:

Highly flexible economy rolls, JFlex-weight backing, aluminium oxide grain, double resin.

Main features and benefits:

Rolls can be cut in the desired length so as to minimise abrasive waste. This product is suitable for manual applications or manual applications on work pieces rotating at very low speed. Being highly flexible, it easily adapts to any shape of work piece - both concave and convex - , or to pipes.

Recommended applications:

Grinding and cleaning of parts.

Work surfaces: All metals, leather, plastic.

sizes		P40	P50	P60	P80	P100	P120	P150	P180	P220	P240	P280	P320	P400
25x25000	1	CRL200 • 14,41	CRL201 • 14,41	CRL202 • 14,41	CRL203 • 11,86	CRL204 • 11,34	CRL205 • 11,34	CRL206 • 11,34	CRL207 • 11,34	CRL211 • 11,34	CRL208 • 11,34	CRL209 • 11,34	CRL210 • 11,34	CRL212 • 11,34
38x25000	1	CRL300 • 21,46	CRL301 • 21,46	CRL302 • 21,46	CRL303 • 17,58	CRL304 • 16,80	CRL305 • 16,80	CRL306 • 16,80	CRL307 • 16,80	CRL311 • 16,80	CRL308 • 16,80	CRL309 • 16,80	CRL310 • 16,80	CRL312 • 16,80
50x25000	1	CRL500 • 27,82	CRL501 • 27,82	CRL502 • 27,82	CRL503 • 22,73	CRL504 • 21,71	CRL505 • 21,71	CRL506 • 21,71	CRL507 • 21,71	CRL511 • 21,71	CRL508 • 21,71	CRL509 • 21,71	CRL510 • 21,71	CRL512 • 21,71
120x50000	1	CRL120 • 129,02	CRL121 • 129,02	CRL122 • 129,02	CRL123 • 104,59	CRL124 • 99,68	CRL125 • 99,68	CRL126 • 99,68	CRL127 • 99,68	CRL131 • 99,68	CRL128 • 99,68	CRL129 • 99,68	CRL130 • 99,68	CRL132 • 99,68



CA abrasive belts

Description:

BIBIELLE abrasive belts have butt joints using, up to 300-mm wide, splicing tapes. Overlapped joints are used for larger widths.

Main features and benefits:

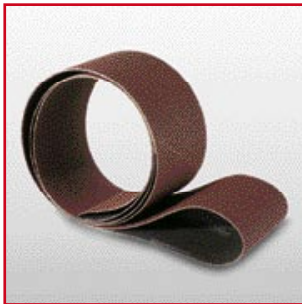
The special butt joint minimises the effect of vibration caused by the joint travel across the work surface whilst ensuring maximum evenness of the finish.

The overlapped joint is more convenient and suitable for bigger-sized belts.

Recommended applications:

Grinding and cleaning, removing paint, masking small surfaces, pipes and the inside surfaces of holes, deburring, removing small and large protruding welded surfaces, welding spots and scale.

Work surfaces: Standard and alloyed steel, stainless steel, aluminium, nonferrous metals, cast iron, alloys, wood.



CA STANDARD ALUMINIUM OXIDE abrasive belts for industrial grinders


Description: Flexibles Gewebe, Träger Gewicht X, Schleifkorn Korund, Doppelharz.

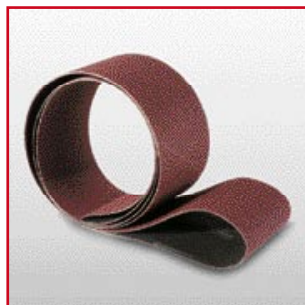
Main features and benefits:

Das Produkt wird in allen gebräuchlichen Größen für Industrieschleifmaschinen konfektioniert. Ausgezeichnetes Preis-/Leistungsverhältnis, gute Abtragsleistung und gute Standzeit des Produktes.

Recommended applications: Grinding and cleaning of parts.

Work surfaces: Normalstahl, rostfreier Stahl, Nichteisen-Metalle, Holz.

sizes		P40	P60	P80	P100	P120	P150
100x1000	10	CA0500 •	CA0501 •	CA0502 •	CA0503	CA0504 •	CA0505
		4,95	4,55	4,24	4,12	4,12	4,12
120x1500	10	CA0506 •	CA0507 •	CA0508 •	CA0509	CA0510 •	CA0511 •
		7,88	7,22	6,60	6,38	6,38	6,38
150x1750	10	CA0512 •	CA0513 •	CA0514 •	CA0515	CA0516	CA0517
		11,11	10,06	9,23	9,23	8,88	8,88
75x2000	10	CA0518 •	CA0519 •	CA0520	CA0521	CA0522	CA0523
		6,26	5,65	5,12	4,90	4,90	4,90
150X2000	10	CA0524 •	CA0525	CA0526 •	CA0527	CA0528	CA0529
		11,15	10,06	9,17	8,80	8,80	8,80



CA PREMIUM ALUMINIUM OXIDE abrasive belts for industrial grinders

Description: Y-weight polyester backing available in 40 and 60 grits; Y-weight cotton/polyester backing with additive available in 80/150 grits; aluminium oxide grain, double resin, close coat.

Main features and benefits: This product is available in the most widely used sizes for industrial grinders. Extremely long life and highly efficient removal. Coarser grits are suitable for heavy scrubbing of steel and cast iron. Thanks to the additive, 80 and finer grits can be easily used on stainless steel alloys. It is also suitable for wet applications.

Recommended applications: Grinding and cleaning, deburring, removing small protruding welded surfaces or welding spots.

Work surfaces: Standard steel, stainless steel, nonferrous metals, cast iron, alloys.

sizes		P40	P60	P80	P100	P120	P150
100x1000	10	CAQ200 •	CAQ201 •	CAQ202 •	CAQ203	CAQ204	CAQ205
		6,08	5,51	5,03	4,90	4,90	4,90
120x1500	10	CAQ206 •	CAQ207 •	CAQ208 •	CAQ209	CAQ210 •	CAQ211 •
		9,89	8,88	8,14	7,79	7,79	7,79
150x1750	10	CAQ212 •	CAQ213 •	CAQ214 •	CAQ215	CAQ216 •	CAQ217 •
		13,95	12,52	11,42	10,94	10,94	10,94
75x2000	10	CAQ218 •	CAQ219 •	CAQ220 •	CAQ221	CAQ222 •	CAQ223 •
		7,83	7,09	6,38	6,12	6,12	6,12
150X2000	10	CAQ274 •	CAQ275 •	CAQ276 •	CAQ277	CAQ278 •	CAQ279
		14,05	12,64	11,47	10,98	10,98	10,98



CA ZIRCONIUM abrasive belts for industrial grinders

Description:

Y-weight polyester backing, Zirconium grain, double resin, close coat.

Main features and benefits:

This product is available in the most widely used sizes for industrial grinders. Extremely long life and highly efficient removal. Medium/high operating pressures are required.

Recommended applications:

Grinding and cleaning, deburring, removing small protruding welded surfaces or welding spots.

Work surfaces: Stainless steel, alloyed steel.

sizes		P40	P60	P80	P100	P120
100x1000	10	CAQ300 •	CAQ301 •	CAQ302 •	CAQ303	CAQ304 •
		7,49	6,26	6,00	5,86	5,86
120x1500	10	CAQ306 •	CAQ307 •	CAQ308 •	CAQ309 •	CAQ310 •
		12,47	10,20	9,67	9,49	9,49
150x1750	10	CAQ312 •	CAQ313 •	CAQ314 •	CAQ315	CAQ316 •
		17,85	14,64	13,90	13,73	13,47
75x2000	10	CAQ318 •	CAQ319 •	CAQ320 •	CAQ321	CAQ322 •
		10,11	8,14	7,65	7,53	7,53
150X2000	10	CAQ323 •	CAQ324 •	CAQ325 •	CAQ326	CAQ327 •
		18,05	14,57	13,89	13,57	13,57



CA ALUMINIUM OXIDE abrasive belts for portable machine tools

Description:


Flexible cloth, Y-weight backing, aluminium oxide grain, double resin.

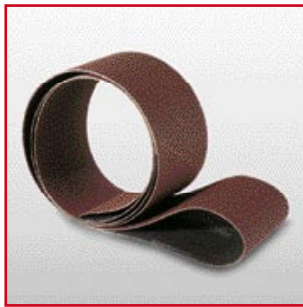
Main features and benefits:

This product is available in the most widely used sizes for compact portable machines. Each size package is marked with the machine tool which most commonly uses that particular size.

Recommended applications: Grinding and cleaning, removing paint, masking small surfaces, pipes and the inside surfaces of holes.

Work surfaces: Standard steel, stainless steel, nonferrous metals, wood.

sizes		P40	P60	P80	P100	P120	P150	Tool Manufacturer
6x610	20	CA0268 0,40	CA0269 0,35	CA0270 0,30	CA0271 0,30	CA0272 0,30	CA0273 0,30	DYNABRADE, LOESER
13x610	20	CA0224 0,61	CA0225 0,61	CA0226 0,57	CA0227 0,52	CA0228 0,52	CA0229 0,52	DYNABRADE, LOESER
6x457	20	CA0019 0,52	CA0020 0,48	CA0021 0,48	CA0022 0,48	CA0023 0,48	CA0024 0,48	DYNABRADE
13x457	20	CA0025 0,52	CA0026 0,48	CA0027 0,48	CA0028 0,48	CA0029 0,48	CA0030 0,48	DYNABRADE
19x457	20	CA0230 0,40	CA0231 0,40	CA0232 0,35	CA0233 0,30	CA0234 0,30	CA0235 0,30	DYNABRADE
6x305	20	CA0236 0,26	CA0237 0,26	CA0238 0,26	CA0239 0,26	CA0240 0,26	CA0241 0,26	DYNABRADE
13x305	20	CA0242 0,26	CA0243 0,26	CA0244 0,26	CA0245 0,26	CA0246 0,26	CA0247 0,26	DYNABRADE
12x520	20	CA0150 0,74	CA0151 0,68	CA0152 • 0,68	CA0153 0,68	CA0154 0,68	CA0155 0,68	SUHNER, PFERD
19x520	20	CA0156 1,00	CA0157 0,94	CA0158 0,89	CA0159 0,84	CA0160 0,84	CA0161 0,84	SUHNER, PFERD
9x533	20	CA0248 0,35	CA0249 • 0,30	CA0250 0,30	CA0251 0,30	CA0252 0,30	CA0253 0,30	FLEX
13x533	20	CA0254 0,35	CA0255 0,30	CA0256 0,30	CA0257 0,30	CA0258 0,30	CA0259 0,30	SUHNER, PFERD, FLEX, SECO
30x533	20	CA0168 1,42	CA0169 1,31	CA0170 • 1,26	CA0171 1,21	CA0172 1,21	CA0173 1,21	SUHNER, PFERD, FLEX, SECO
40x618	20	CA0174 2,05	CA0175 1,89	CA0176 1,84	CA0177 1,73	CA0178 1,73	CA0179 1,73	SUHNER, PFERD
20x815	20	CA0180 1,26	CA0181 1,21	CA0182 1,10	CA0183 1,05	CA0184 1,05	CA0185 1,05	FEIN, FLEX



CA STANDARD ALUMINIUM OXIDE custom-made abrasive belts

Description:

Flexible X-weight backing, aluminium oxide grain, double resin.

Main features and benefits:

Excellent value for money, highly efficient removal and long life.

This product can be supplied in customised sizes.

Minimum order: 300-mm wide, 50-m long roll.

Recommended applications:

Grinding and cleaning of parts

Work surfaces:

Standard steel, stainless steel, nonferrous metals, wood.

PRICE (running meter)

width	P40	P50	P60	P80	P100	P120	P150	Overlapped joint	Tape joint
40	1,26	1,18	1,09	0,97	0,92	0,92	0,92		0,63
50	1,55	1,43	1,34	1,22	1,13	1,13	1,13		0,84
60	1,85	1,72	1,64	1,43	1,39	1,39	1,39		0,97
70	2,18	2,02	1,85	1,68	1,60	1,60	1,60		1,13
75	2,35	2,18	2,02	1,81	1,68	1,68	1,68		1,22
80	2,48	2,39	2,18	1,89	1,81	1,81	1,81		1,30
90	2,73	2,56	2,44	2,10	2,02	2,02	2,02		1,47
100	3,07	2,86	2,69	2,39	2,27	2,27	2,27		1,64
120	3,70	3,40	3,19	2,86	2,69	2,69	2,69		1,93
150	4,58	4,33	4,03	3,53	3,36	3,36	3,36		2,44
180	5,50	5,21	4,83	4,28	4,07	4,07	4,07		2,94
200	6,09	5,75	5,38	4,75	4,49	4,49	4,49		3,23
250	7,64	7,10	6,68	5,92	5,63	5,63	5,63		4,07
300	9,16	8,61	8,06	7,10	6,76	6,76	6,76		4,87
350	10,46	9,83	9,16	8,11	7,69	7,69	7,69	4,41	
400	11,97	11,21	10,46	9,24	8,78	8,78	8,78	3,11	
450	13,44	12,60	11,76	10,42	9,91	9,91	9,91	3,49	
500	13,44	14,03	13,10	11,59	11,00	11,00	11,00	3,91	
550	16,42	15,46	14,41	12,77	12,10	12,10	12,10	4,28	
750	22,18	20,79	19,40	17,18	16,00	16,00	16,00	5,80	
920	27,26	25,54	23,86	21,08	20,03	20,03	20,03	7,14	
950	28,14	26,33	24,61	21,80	20,66	20,66	20,66	7,35	
1000	29,61	27,64	25,91	22,93	21,76	21,76	21,76	7,73	



CA PREMIUM ALUMINIUM OXIDE custom-made abrasive belts

Description:

Y-weight polyester backing available in 40 and 60 grits; Y-weight cotton/polyester backing with additive available in 80/150 grits; aluminium oxide grain, double resin, close coat.

Main features and benefits:

Extremely long life and highly efficient removal. Coarser grits are suitable for heavy scrubbing of steel and cast iron. Thanks to the additive, 80 and finer grits can be easily used on stainless steel alloys. It is also suitable for wet applications. This product can be supplied in customised sizes.

Recommended applications: Grinding and cleaning, deburring, removing small protruding welded surfaces or welding spots.

Work surfaces: Standard steel, stainless steel, nonferrous metals, cast iron, alloys.

PRICE (running meter)

width	P24	P36	P40	P50	P60	P80	P100	P120	P150+	Overlapped joint	Tape joint
15	0,84	0,76	0,59	0,59	0,50	0,46	0,46	0,46	0,46		0,25
20	1,09	1,01	0,84	0,80	0,76	0,63	0,59	0,59	0,59		0,34
25	1,39	1,26	1,05	0,97	0,92	0,84	0,80	0,80	0,80		0,38
30	1,64	1,47	1,26	1,18	1,09	0,97	0,92	0,92	0,92		0,46
35	1,93	1,72	1,43	1,39	1,26	1,13	1,05	1,05	1,05		0,55
40	2,23	1,97	1,64	1,55	1,43	1,30	1,22	1,22	1,22		0,63
50	2,77	2,52	2,06	1,93	1,81	1,60	1,51	1,51	1,51		0,84
60	3,28	2,98	2,48	2,33	2,18	1,89	1,81	1,81	1,81		0,97
70	3,86	3,44	2,90	2,73	2,56	2,27	2,10	2,10	2,10		1,13
75	4,16	3,74	3,07	2,90	2,73	2,44	2,31	2,31	2,31		1,22
80	4,37	3,95	3,28	3,07	2,86	2,56	2,44	2,44	2,44		1,30
90	4,87	4,41	3,70	3,40	3,19	2,86	2,69	2,69	2,69		1,47
100	5,46	4,87	4,12	3,82	3,53	3,15	2,98	2,98	2,98		1,64
120	6,55	5,88	4,87	4,58	4,28	3,82	3,57	3,57	3,57		1,93
150	8,19	7,35	6,09	5,75	5,38	4,75	4,49	4,49	4,49		2,44
180	9,83	8,82	7,35	6,89	6,43	5,67	5,42	5,42	5,42		2,94
200	10,92	9,83	8,15	7,64	7,14	6,30	6,01	6,01	6,01		3,23
250	13,61	12,22	10,16	9,58	8,90	7,90	7,48	7,48	7,48		4,07
300	16,30	14,70	12,22	11,47	10,67	9,49	8,99	8,99	8,99		4,87
350	18,65	16,80	13,99	13,10	12,22	10,84	10,25	10,25	10,25	4,41	
400	21,42	19,15	15,96	14,95	13,99	12,39	11,68	11,68	11,68	3,11	
450	23,94	21,55	17,93	16,84	15,71	13,90	13,19	13,19	13,19	3,49	
500	26,59	23,98	19,95	18,73	17,47	15,46	14,66	14,66	14,66	3,91	
550	29,23	26,33	21,92	20,58	19,19	17,01	16,13	16,13	16,13	4,28	
750	39,48	35,53	29,44	27,76	25,91	22,93	21,88	21,88	21,88	5,80	
920	48,43	43,60	36,33	34,06	31,79	28,14	26,71	26,71	26,71	7,14	
950	61,70	45,02	37,51	35,15	32,84	29,02	27,55	27,55	27,55	7,35	
1000	52,58	47,42	39,48	37,04	34,52	30,53	29,02	29,02	29,02	7,73	



CA ZIRCONIUM custom-made abrasive belts

Description:

Y-weight polyester backing, Zirconium grain, double resin, close coat.

Main features and benefits:

Extremely long life and highly efficient removal. Medium/high operating pressures are required.

This product can be supplied in customised sizes.

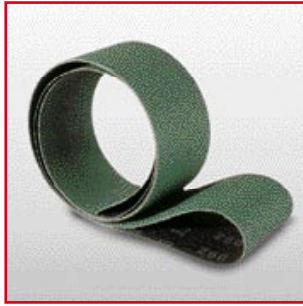
Recommended applications:

Grinding and cleaning, deburring, removing small protruding welded surfaces or welding spots.

Work surfaces: Stainless steel, alloyed steel.

PRICE (running meter)

width	P24	P36	P40	P50	P60	P80	P100	P120	Overlapped joint	Tape joint
15	1,13	0,97	0,84	0,76	0,63	0,59	0,59	0,59		0,25
20	1,51	1,26	1,09	1,01	0,88	0,84	0,80	0,80		0,34
25	1,85	1,60	1,39	1,30	1,09	1,01	1,01	1,01		0,38
30	2,27	1,85	1,64	1,51	1,30	1,22	1,18	1,18		0,46
35	2,60	2,23	1,93	1,76	1,51	1,43	1,39	1,39		0,55
40	2,98	2,56	2,23	2,02	1,72	1,60	1,55	1,55		0,63
50	3,78	3,19	2,77	2,56	2,18	2,02	1,93	1,93		0,84
60	4,49	3,82	3,32	3,02	2,60	2,44	2,39	2,39		0,97
70	5,29	4,45	3,86	3,53	3,02	2,86	2,77	2,77		1,13
75	5,59	4,70	4,16	3,78	3,19	2,98	2,94	2,94		1,22
80	5,92	5,08	4,41	4,03	3,40	3,19	3,11	3,11		1,30
90	6,68	5,63	4,87	4,49	3,82	3,57	3,49	3,49		1,47
100	7,39	6,26	5,46	4,96	4,24	3,99	3,91	3,91		1,64
120	8,86	7,52	6,55	6,01	5,12	4,75	4,66	4,66		1,93
150	11,13	9,41	8,19	7,52	6,34	6,01	5,84	5,84		2,44
180	13,31	11,30	9,83	8,99	7,64	7,18	7,01	7,01		2,94
200	14,78	12,52	10,92	10,00	8,53	7,98	7,73	7,73		3,23
250	18,52	15,67	13,65	12,52	10,63	9,95	9,28	9,28		4,07
300	25,85	21,46	19,82	17,77	15,96	14,70	13,82	13,82		4,87
350	25,45	21,50	18,73	17,18	14,62	13,73	13,31	13,31	4,41	
400	28,64	24,23	21,17	19,36	16,46	15,46	14,99	14,99	3,11	
450	32,21	27,26	23,31	21,80	18,52	17,35	16,93	16,93	3,49	
500	35,78	31,33	27,30	24,99	21,25	19,95	18,77	18,77	3,91	
550	39,35	33,31	29,02	26,59	22,68	21,25	20,62	20,62	4,28	
750	53,68	45,44	39,61	36,29	30,87	28,94	28,06	28,06	5,80	
920	65,86	55,73	48,59	44,52	37,88	35,53	34,57	34,57	7,14	
950	68,00	58,30	50,23	45,95	39,10	36,67	35,70	35,70	7,35	
1000	71,61	62,58	54,64	50,02	42,50	39,86	37,59	37,59	7,73	



CA HIGH PERFORMANCE ZIRCONIUM custom-made abrasive belts

Description:

Y-weight polyester backing, Zirconium grain with cooling additive, double resin, close coat.

Main features and benefits:

This product is particularly suitable for applications requiring highly efficient removal, extremely quick cutting performance and low operating temperature.

This product can be supplied in customised sizes.

Recommended applications:

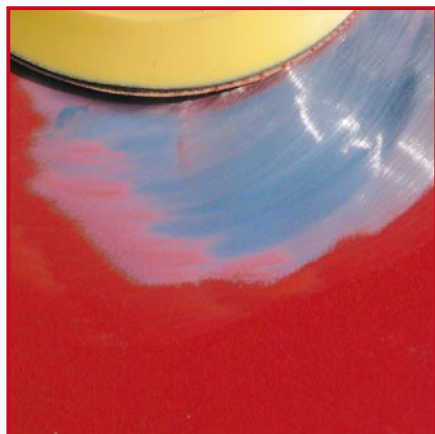
Deburring, removing protruding welded surfaces and excess material, removing scale.

Work surfaces:

Stainless steel, alloyed steel, aluminium, cast iron.

PRICE (running meter)

width	P24	P36	P40	P50	P60	P80	P100	P120	Overlapped joint	Tape joint
15	1,30	1,13	1,01	0,92	0,84	0,76	0,67	0,67		0,25
20	1,76	1,47	1,34	1,22	1,09	1,01	0,97	0,97		0,34
25	2,18	1,85	1,68	1,51	1,34	1,26	1,18	1,18		0,38
30	2,65	2,27	2,02	1,81	1,64	1,47	1,39	1,39		0,46
35	3,07	2,60	2,35	2,10	1,89	1,72	1,64	1,64		0,55
40	3,49	2,98	2,69	2,44	2,18	1,97	1,85	1,85		0,63
50	4,58	3,74	3,32	3,02	2,69	2,52	2,35	2,35		0,84
60	5,25	4,45	4,03	3,57	3,23	2,98	2,81	2,81		0,97
70	6,09	5,21	4,66	4,28	3,78	3,49	3,28	3,28		1,13
75	6,55	5,59	5,00	4,49	4,03	3,74	3,49	3,49		1,22
80	7,01	5,92	5,38	4,79	4,33	3,99	3,74	3,74		1,30
90	7,73	6,64	5,92	5,33	4,79	4,41	4,16	4,16		1,47
100	8,61	7,35	6,64	5,92	5,33	4,87	4,58	4,58		1,64
120	10,33	8,82	7,90	7,10	6,38	5,88	5,50	5,50		1,93
150	12,94	11,00	9,91	8,90	8,02	7,35	6,89	6,89		2,44
180	15,54	13,23	11,89	10,54	9,58	8,82	8,27	8,27		2,94
200	17,26	14,66	13,19	11,84	10,63	9,83	9,20	9,20		3,23
250	21,55	18,35	16,51	14,83	13,31	12,31	11,51	11,51		4,07
300	25,85	21,46	19,82	17,77	15,96	14,70	13,82	13,82		4,87
350	30,16	25,70	23,10	20,66	18,65	17,18	16,09	16,09	4,41	
400	33,35	28,43	25,58	22,97	20,62	18,98	17,77	17,77	3,11	
450	37,51	31,96	28,77	25,83	23,18	21,38	20,03	20,03	3,49	
500	41,71	35,66	31,96	28,69	25,79	23,73	22,22	22,22	3,91	
550	45,86	39,06	35,15	31,58	28,35	26,12	24,49	24,49	4,28	
750	62,54	53,30	47,96	43,05	38,64	35,66	33,35	33,35	5,80	
920	76,69	65,35	58,84	52,79	47,42	43,68	40,91	40,91	7,14	
950	79,21	67,54	60,73	54,52	48,97	45,11	42,25	42,25	7,35	
1000	83,41	71,02	63,92	57,41	51,53	47,50	44,52	44,52	7,73	



Paper products

Description:

BIBIELLE offers four different kinds of paper available in various formats (discs, sheets, economy rolls).

- **P-RED:** Highly flexible, waterproof paper with C-weight backing, Aluminium Oxide grain, close coat.
- **P-BLACK:** Highly flexible, waterproof paper with C-weight backing, Silicon Carbide grain, close coat.
- **P-GREY:** Stearate paper, light A-weight backing with latex flexibilisers, Aluminium Oxide grain, open coat.
- **P-GOLD:** Zinc-stearate paper, C-weight backing available in 80/500 grits; non-stearate paper, D-weight backing available in 40 and 60 grits, Aluminium Oxide grain, open coat.



Main features and benefits:

Thanks to its low cost and ease of changing our abrasive paper is suitable for removing clogging materials as it is possible to change it frequently. Waterproof paper products are also suitable for wet applications in order to avoid dust dispersion over the work area.

A-weight paper products are particularly light and flexible, suitable for finish applications on shaped and hard-to-reach places.

C-weight paper products are intermediate. Flexibility and good mechanical strength are their main features.

D-weight paper products are heavier, less flexible, but stronger.

Recommended applications:

Removing paint, rust and bodywork fillers, light satin finishing, manual cleaning.

Work surfaces: Sheet metals, bodywork, metals in general.




P-MINI mini-rolls in general purpose paper

Description: Mini-rolls aluminum oxide paper. Closed coat.

Main features and benefits: This product is suitable for manual dry applications.

Recommended applications: Removing paint, rust and bodywork fillers.

Work surfaces: Sheet metals, bodywork, metals in general.

dimensioni		P40	P60	P80	P120	P180
rotoli 120x5000	1	CAMR40 6,34	CAMR60 4,82	CAMR80 4,22	CAMR120 3,77	CAMR180 3,77



P-RED multi-purpose paper sheets and economy rolls

Description: Sheets and economy rolls in highly flexible waterproof paper, C-weight backing, Aluminium Oxide grain, close coat.

Main features and benefits: This product is suitable for both manual dry and manual wet applications. Being extremely flexible, it easily adapts to any shape of work piece. Sheets are pre-cut for immediate use while economy rolls can be cut in the desired length so as to minimise abrasive waste.

Recommended applications: Removing paint, rust and bodywork fillers.

Work surfaces: Sheet metals, bodywork, metals in general.

sizes		P150	P180	P220	P240	P280	P320	P360	P400
sheets 230x280	100	CA6006 • 0,45	CA6007 • 0,42	CA6008 • 0,42	CA6009 • 0,42	CA6010 • 0,42	CA6011 • 0,42	CA6012 • 0,42	CA6013 • 0,42
rolls 120x50000	1	CB6006 45,27	CB6007 40,95	CB6008 40,95	CB6009 40,95	CB6010 40,95	CB6011 40,95	CB6012 40,95	CB6013 40,95

		P500	P600	P800	P1000	P1200
sheets 230x280	100	CA6014 • 0,42	CA6015 • 0,42	CA6016 • 0,42	CA6017 • 0,42	CA6018 • 0,42
rolls 120x50000	1	CB6014 40,95	CB6015 40,95	CB6016 40,95	CB6017 40,95	CB6018 40,95



P-BLACK waterproof paper sheets and economy rolls

Description: Sheets and economy rolls in highly flexible waterproof paper, C-weight backing, silicon carbide grain, close coat.

Main features and benefits:

This product is suitable for manual wet applications. Thanks to the silicon carbide it offers excellent cutting performance. Being extremely flexible, it easily adapts to any shape of work piece.

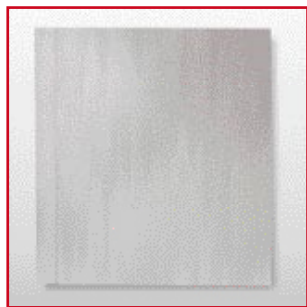
Sheets are pre-cut for immediate use while economy rolls can be cut in the desired length so as to minimise abrasive waste.

Recommended applications: Removing paint, rust and bodywork fillers.

Work surfaces: Sheet metals, bodywork, plastic.

sizes		P80	P100	P120	P150	P180	P220	P240	P280
sheets 230x280	100	CA1003 • 0,63	CA1004 0,55	CA1005 0,46	CA1006 • 0,44	CA1007 • 0,42	CA1008 • 0,39	CA1009 • 0,39	CA1010 • 0,39
rolls 115x50000	1	CB1003 57,08	CB1004 50,12	CB1005 42,25	CB1006 40,05	CB1007 37,67	CB1008 34,20	CB1009 34,20	CB1010 34,20

		P320	P360	P400	P500	P600	P800	P1000	P1200
sheets 230x280	100	CA1011 • 0,39	CA1012 • 0,39	CA1013 • 0,39	CA1014 • 0,39	CA1015 • 0,39	CA1016 • 0,39	CA1017 • 0,39	CA1018 • 0,39
rolls 115x50000	1	CB1011 34,20	CB1012 34,20	CB1013 34,20	CB1014 34,20	CB1015 34,20	CB1016 34,20	CB1017 34,20	CB1018 34,20



P-GREY stearate paper sheets and economy rolls


Description: Stearate paper sheets and economy rolls, light A-weight backing with latex flexibilisers, Aluminium Oxide grain, open coat.

Main features and benefits: The open coat of this product ensures the continuous escape of scrap/waste without clogging the paper. This product is suitable for both manual and mechanical dry applications. Being extremely flexible, it easily adapts to any shape of work piece.

Sheets are pre-cut for immediate use while economy rolls can be cut in the desired length so as to minimise abrasive waste.

Recommended applications: Removing paint, rust and bodywork fillers.

Work surfaces: Sheet metals, bodywork, plastic.

sizes		P80	P100	P120	P150	P180	P220	P240	P280
sheets 230x280	100	CA2003 • 0,49	CA2004 • 0,46	CA2005 • 0,42	CA2006 • 0,42	CA2007 • 0,39	CA2008 • 0,39	CA2009 • 0,39	CA2010 • 0,39
rolls 120x50000	1	CB2003 46,24	CB2004 • 42,69	CB2005 • 38,45	CB2006 • 37,08	CB2007 • 35,66	CB2008 • 35,66	CB2009 • 35,66	CB2010 • 35,66

		P320	P360	P400
sheets 230x280	100	CA2011 • 0,39	CA2012 • 0,39	CA2013 • 0,39
rolls 120x50000	1	CB2011 35,66	CB2012 35,66	CB2013 • 35,66



P-GOLD zinc-stearate paper sheets and economy rolls

Description: Zinc-stearate paper sheets and economy rolls, C-weight backing available in 80/500 grits; non-stearate paper, D-weight backing available in 40 and 60 grits, Aluminium Oxide grain, open coat.


Main features and benefits: This product is suitable for both manual and mechanical dry applications. Being extremely flexible, it easily adapts to any shape of work piece.

Sheets are pre-cut for immediate use while economy rolls can be cut in the desired length so as to minimise abrasive waste.

Recommended applications:

Removing paint, rust and bodywork fillers, light satin finishing, manual cleaning.

Work surfaces: Sheet metals, bodywork, metals in general, plastic.

sizes		P40	P60	P80	P100	P120	P150	P180	P220
sheets 230x280	100	CA5000 0,39	CA5002 0,63	CA5003 0,56	CA5004 0,50	CA5005 0,46	CA5006 0,44	CA5007 0,43	CA5008 0,43
rolls 120x50000	1	CB5000 60,99	CB5002 54,20	CB5003 • 48,95	CB5004 45,19	CB5005 • 40,60	CB5006 39,50	CB5007 37,56	CB5008 37,56

		P240	P280	P320	P360	P400	P500
sheets 230x280	100	CA5009 0,43	CA5010 0,43	CA5011 0,43	CA5012 0,43	CA5013 0,43	CA5014 0,43
rolls 120x50000	1	CB5009 37,56	CB5010 37,56	CB5011 37,56	CB5012 37,56	CB5013 37,56	CB5014 37,56



P-GOLD zinc-stearate paper velcro discs

Description:

Zinc-stearate discs, C-weight backing available in 80/500 grits; non-stearate paper, D-weight backing available in 40 and 60 grits, Aluminium Oxide grain, open coat.

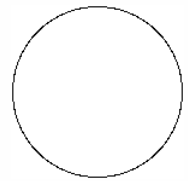
Main features and benefits:

This product is available in the most widely used diameters for bodywork applications. A wide range of holes for the most commonly used orbital sanders is available. Discs are extremely easy and quick to change. Excellent adherence to backup pads.

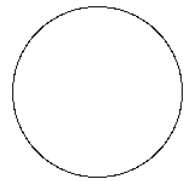
Recommended applications: Removing paint, rust and bodywork fillers.

Work surfaces: Sheet metals, bodywork, metals in general, plastic.

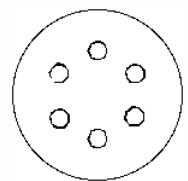
diameter	holes		P40	P60	P80	P100	P120	P150	P180
125	-	100	CD5000 • 0,47	CD5002 • 0,42	CD5003 • 0,37	CD5004 • 0,36	CD5005 • 0,35	CD5006 • 0,35	CD5007 • 0,35
150	-	100	CD5100 • 0,61	CD5102 • 0,52	CD5103 • 0,45	CD5104 • 0,44	CD5105 • 0,43	CD5106 • 0,43	CD5107 • 0,42



			P220	P240	P280	P320	P360	P400	P500
125	-	100	CD5008 • 0,35	CD5009 • 0,35	CD5010 • 0,35	CD5011 • 0,35	CD5012 • 0,35	CD5013 • 0,35	CD5014 • 0,35
150	-	100	CD5108 • 0,42	CD5109 • 0,42	CD5110 • 0,42	CD5111 • 0,42	CD5112 • 0,42	CD5113 • 0,42	CD5114 • 0,42

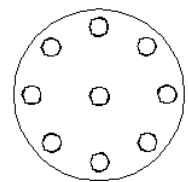


diameter	holes		P40	P60	P80	P100	P120	P150	P180
150	6	100	CD5200 • 0,65	CD5202 • 0,58	CD5203 • 0,48	CD5204 • 0,47	CD5205 • 0,45	CD5206 • 0,45	CD5207 • 0,44

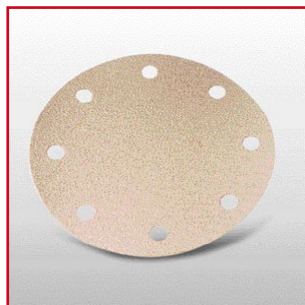


			P220	P240	P280	P320	P360	P400	P500
150	6	100	CD5208 • 0,44	CD5209 • 0,44	CD5210 • 0,44	CD5211 • 0,44	CD5212 • 0,44	CD5213 • 0,44	CD5214 • 0,44

diameter	holes		P40	P60	P80	P100	P120	P150	P180
150	9	100	CD5500 • 0,65	CD5502 • 0,58	CD5503 • 0,48	CD5504 • 0,47	CD5505 • 0,45	CD5506 • 0,45	CD5507 • 0,45



			P220	P240	P280	P320	P360	P400	P500
150	9	100	CD5508 • 0,45	CD5509 • 0,45	CD5510 • 0,45	CD5511 • 0,45	CD5512 • 0,45	CD5513 • 0,45	CD5514 • 0,45



P-GOLD zinc-stearate paper velcro discs

Description:


Zinc-stearate discs, C-weight backing available in 80/500 grits; non-stearate paper, D-weight backing available in 40 and 60 grits, Aluminium Oxide grain, open coat.

Main features and benefits:

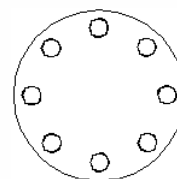
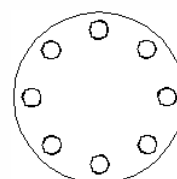
This product is available in the most widely used diameters for bodywork applications. A wide range of holes for the most commonly used orbital sanders is available. Discs are extremely easy and quick to change. Excellent adherence to backup pads.

Recommended applications: Removing paint, rust and bodywork fillers.

Work surfaces: Sheet metals, bodywork, metals in general, plastic.

diameter	holes		P40	P60	P80	P100	P120	P150	P180
125	8	100	CD5300 • 0,51	CD5302 • 0,46	CD5303 • 0,41	CD5304 • 0,39	CD5305 • 0,38	CD5306 • 0,38	CD5307 • 0,38
150	8	100	CD5400 • 0,65	CD5402 • 0,58	CD5403 • 0,48	CD5404 • 0,47	CD5405 • 0,46	CD5406 • 0,46	CD5407 • 0,46

			P220	P240	P280	P320	P360	P400	P500
125	8	100	CD5308 • 0,38	CD5309 • 0,38	CD5310 • 0,38	CD5311 • 0,38	CD5312 • 0,38	CD5313 • 0,38	CD5314 • 0,38
150	8	100	CD5408 • 0,46	CD5409 • 0,46	CD5410 • 0,46	CD5411 • 0,46	CD5412 • 0,46	CD5413 • 0,46	CD5414 • 0,46



ACCESSORIES



BA back-up pads for velcro discs

diameter	holes		
125	-	1	BA0200 • 14,15
150	-	1	BA0201 • 16,27
150	6	1	BA0202 • 17,08
125	8	1	BA0203 • 15,00
150	9	1	BA0206 • 25,57



P-GOLD zinc-stearate paper self-adhesive discs

Description:

Zinc-stearate discs, C-weight backing available in 80/500 grits; non-stearate paper, D-weight backing available in 40 and 60 grits, Aluminium Oxide grain, open coat.

Main features and benefits:

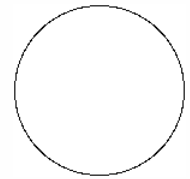
This product is available in the most widely used diameters for bodywork applications. A wide range of holes for the most commonly used orbital sanders is available. Easy and quick to attach to backup pads.

Recommended applications:

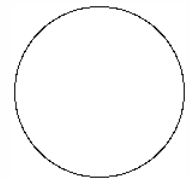
Removing paint, rust and bodywork fillers.

Work surfaces: Sheet metals, bodywork, metals in general, plastic.

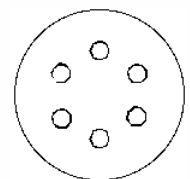
diameter	holes		P40	P60	P80	P100	P120	P150	P180
125	-	100	CD6000 0,37	CD6002 0,33	CD6003 0,28	CD6004 0,27	CD6005 0,26	CD6006 0,26	CD6007 0,25
150	-	100	CD6100 0,45	CD6102 0,41	CD6103 0,36	CD6104 0,35	CD6105 0,32	CD6106 0,32	CD6107 0,30



			P220	P240	P280	P320	P360	P400	P500
125	-	100	CD6008 0,25	CD6009 0,25	CD6010 0,25	CD6011 0,25	CD6012 0,25	CD6013 0,25	CD6014 0,25
150	-	100	CD6108 0,30	CD6109 0,30	CD6110 0,30	CD6111 0,30	CD6112 0,30	CD6113 0,30	CD6114 0,30

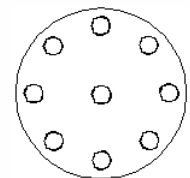


diameter	holes		P40	P60	P80	P100	P120	P150	P180
150	6	100	CD6200 0,49	CD6202 0,44	CD6203 0,39	CD6204 0,38	CD6205 0,36	CD6206 0,36	CD6207 0,35



			P220	P240	P280	P320	P360	P400	P500
150	6	100	CD6208 0,35	CD6209 0,35	CD6210 0,35	CD6211 0,35	CD6212 0,35	CD6213 0,35	CD6214 0,35

diameter	holes		P40	P60	P80	P100	P120	P150	P180
150	9	100	CD6500 0,49	CD6502 0,44	CD6503 0,39	CD6504 0,36	CD6505 0,36	CD6506 0,36	CD6507 0,35



			P220	P240	P280	P320	P360	P400	P500
150	9	100	CD6508 0,35	CD6509 0,35	CD6510 0,35	CD6511 0,35	CD6512 0,35	CD6513 0,35	CD6514 0,35



P-GOLD zinc-stearate paper self-adhesive discs

Description:

Zinc-stearate discs, C-weight backing available in 80/500 grits; non-stearate paper, D-weight backing available in 40 and 60 grits, Aluminium Oxide grain, open coat.


Main features and benefits:

This product is available in the most widely used diameters for bodywork applications. A wide range of holes for the most commonly used orbital sanders is available. Easy and quick to attach to backup pads.

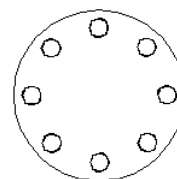
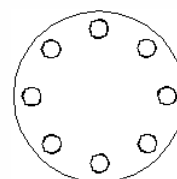
Recommended applications:

Removing paint, rust and bodywork fillers.

Work surfaces: Sheet metals, bodywork, metals in general, plastic.

diameter	holes		P40	P60	P80	P100	P120	P150	P180
125	8	100	CD6300 0,41	CD6302 0,37	CD6303 0,32	CD6304 0,30	CD6305 0,29	CD6306 0,29	CD6307 0,29
150	8	100	CD6400 0,49	CD6402 0,44	CD6403 0,39	CD6404 0,36	CD6405 0,35	CD6406 0,35	CD6407 0,35


			P220	P240	P280	P320	P360	P400	P500
125	8	100	CD6308 0,29	CD6309 0,29	CD6310 0,29	CD6311 0,29	CD6312 0,29	CD6313 0,29	CD6314 0,29
150	8	100	CD6408 0,35	CD6409 0,35	CD6410 0,35	CD6411 0,35	CD6412 0,35	CD6413 0,35	CD6414 0,35



ACCESSORIES



BA back-up pad for self adhesive discs

diameter	holes		
125	-	1	BA0300 • 14,15
150	-	1	BA0301 • 16,27
150	6	1	BA0302 • 17,08
125	8	1	BA0303 • 15,00
150	9	1	BA0306 • 25,57

INSTRUCTIONS FOR CORRECTLY USING AND STORING BIBIELLE SURFACE PREPARATION AND BLENDING PRODUCTS

1) General information.

The abrasive products can get broken and therefore they should be handled with great care. The use of damaged or incorrectly fitted abrasives is dangerous and can cause serious damage to both operators and all persons present in the work area where the abrasive process is occurring.

2) Handling, transport and storage.

All abrasive products should be handled, used and carried with care.

They should be stored in a dry place protected from frost, and kept away from heat, wet walls, doors or windows. They should be ideally stored at a temperature of between 18° C and 22° C and at a relative humidity of between 45% and 65%.

The abrasive products should be stored in their original packages so as to avoid any mechanical damage.

3) How to select the right abrasive.

All information written on the label or on the abrasive as well as any use restrictions, safety instructions and other kind of precautions should be read and respected.

If heavy removal is required we recommend you select a coarser grit instead of increasing the operating pressure. Excessive pressure can slow speed down, increase temperature and put both the abrasive and the machine tool under excessive stresses which could result in breakages.

BIBIELLE after sales service, distributors and retailers are always at your disposal for any advice you might need on the most suitable product to be used in any given application.

4) How to fit and prepare the abrasive product.

All abrasive products should be fitted following the instructions provided by BIBIELLE and the manufacturer of the machine tool on which the product is going to be fitted.

All abrasive products should only be fitted by competent, highly skilled and trained personnel.

Once fitted, every abrasive product should be subjected to a rotation test for a reasonable period of time (never exceed the maximum operating speed recommended).

Always read and follow the user manuals supplied by BIBIELLE.

5) Further information.

Besides reading the instructions given by BIBIELLE, we recommend you:

- read the user manual of the grinder;
- set up guards before operating the machine tool;
- never start any grinding operation unless guards are set up;
- use appropriate personal protective equipment according to the type of machine tool and application, for instance goggles or face masks, ear plugs, dust masks, safety shoes, gloves and other protective clothing;
- use the abrasive product only for the intended purposes (read and follow use restrictions, safety instructions as well as any other relevant information);
- switch off the motor and make sure that the abrasive product has come to a stop before laying the portable grinder on the work bench or on the floor;
- always make sure that the power rating and speed of the machine tool used is suitable for the abrasive selected.

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Abrasive Technologies
230x2,5x22,2

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SECTION III
CUTTING, GRINDING and
DEBURRING products

Cutting, grinding and deburring products

BIBIELLE offers its customers a range of top-quality products for the cutting, grinding and deburring of metal surfaces including standard, alloyed or stainless steel, aluminium or other nonferrous materials in order to meet the requirements of a growing number of users all over the world.

The catalogue of our cutting, grinding and removing products includes:

DL - Flap discs

- Flap discs with fibreglass backing;
- Heavy duty flap discs;
- Flap discs with nylon and reinforced nylon backing;

CW - Cut-off discs

- Thin cut-off discs;
- Cut-off discs;
- Ecotech cut-off discs;

GW - Grinding discs

- Grinding discs;
- Ecotech grinding discs;

FD - Fibre discs

MG - Mounted points

Accessories

All BIBIELLE products are available in eye-catching packages. The units per package meet both the requirements of the distributor and of the end user whilst satisfying important safety requirements such as the correct handling and storage of abrasives.



DL flap discs with backing

Description:

The abrasive flaps are arranged as radiating lines on fibreglass or reinforced blue nylon backing.

A large variety of flap discs are available based on the following characteristics:

- **Backing:** blue nylon or fibreglass;
- **Abrasive:** zirconium or aluminium oxide;
- **Shape:** flat version (type 27 design – suitable for operations with clearance angles of between 0° and 15° and therefore for operations on flat surfaces) and conical version (type 29 design - suitable for operations with angles of between 15° and 30°);
- **Flaps arrangement:** individually arranged or closely paired.

Main features and benefits:

The special flap arrangement noticeably increases the surface of the abrasive material available whilst assuring constant cloth wear, continuous exposure of new grit as well as high and even cutting performance for the entire life of the tool.

Thanks to constant air circulation provided by the special flap arrangement, sanding operations can be softer and cooler.

Deburring operations are quicker and more efficient. These discs are easier to use than rigid grinding wheels both because they are less noisy and because they are easy to handle and more flexible.

Recommended applications:

Deburring, removing welding seams and spots, removing scale, rust and oxidation of any kind, blunting sharp corners and edges.

Work surfaces:

Stainless steel, alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, cast iron, titanium, plastic, paint, varnish, filler.

Industries served:

Thanks to their extraordinary versatility our DL Flap Discs can be used in a large number of industries such as:

- **Metalworking;**
- **Industrial bodywork;**
- **Shipbuilding;**
- **Machinery and equipment** for chemical, pharmaceutical, medical and food companies;
- **Industrial maintenance** in general.





DLF ALUMINIUM OXIDE flap discs with fibreglass backing

Description:

Individually arranged aluminium oxide flaps and X-weight fibreglass backing. Both flat and conical versions are available.

Main features and benefits:

The aluminium oxide abrasive is particularly suitable for applications requiring low and medium operating pressure and even for low-power cornering grinders.

Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance.

The fibreglass backing does not damage or foul the surface worked in the case of accidental contact. It provides good strength while maintaining a satisfactory degree of flexibility.

Recommended applications:

Deburring, removing welding seams and spots, removing scale, rust and oxidation of any kind.

Work surfaces:

Alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, plastic, paint, varnish, filler.

conical shape



diam/hole	max		P36	P40	P60	P80	P120
115x22	13.300	10	DL0094 3,50	DL0095 • 3,50	DL0097 • 3,50	DL0098 • 3,50	DL0100 3,50
127x22	12.150	10		DL0125 • 3,87	DL0127 • 3,87	DL0128 • 3,87	DL0130 • 3,87
178x22	8.600	10		DL0145 • 7,98	DL0147 • 7,98	DL0148 • 7,98	DL0150 7,98

flat shape



diam/hole	max		P36	P40	P60	P80	P120
115x22	13.300	10	DL0015 3,50	DL0016 • 3,50	DL0018 • 3,50	DL0019 • 3,50	DL0021 3,50
127x22	12.150	10		DL0037 3,87	DL0039 3,87	DL0040 3,87	DL0042 3,87
178x22	8.600	10		DL0051 • 7,98	DL0053 • 7,98	DL0054 7,98	DL0056 7,98



DLF ZIRCONIUM flap discs with fibreglass backing

Description:

Individually arranged zirconium flaps and X-weight fibreglass backing. Both flat and conical versions are available.

Main features and benefits:

The zirconium abrasive is particularly suitable for applications requiring high operating pressure and even for medium/high-power cornering grinders.

Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance.

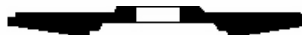
Recommended applications:

Deburring, removing welding seams and spots, removing scale, rust and oxidation of any kind, blunting sharp corners and edges.

Work surfaces:

Stainless steel, alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, cast iron, titanium.

conical shape



diam/hole	max		P36	P40	P60	P80	P120
102x16	15.150	10		DL0085 3,55	DL0087 3,55	DL0088 3,55	DL0090 3,55
115x22	13.300	10	DL0114 • 3,59	DL0115 • 3,59	DL0117 • 3,59	DL0118 • 3,59	DL0120 • 3,59
127x22	12.150	10	DL0134 4,06	DL0135 • 4,06	DL0137 • 4,06	DL0138 • 4,06	DL0140 • 4,06
178x22	8.600	10		DL0165 • 8,41	DL0167 • 8,41	DL0168 • 8,41	DL0170 • 8,41

flat shape



diam/hole	max		P36	P40	P60	P80	P120
115x22	13.300	10	DL0029 • 3,59	DL0030 • 3,59	DL0032 • 3,59	DL0033 • 3,59	DL0035 • 3,59
127x22	12.150	10		DL0044 • 4,06	DL0046 • 4,06	DL0047 • 4,06	DL0049 4,06
178x22	8.600	10		DL0065 • 8,41	DL0067 • 8,41	DL0068 8,41	DL0070 8,41



DLF HEAVY DUTY ZIRCONIUM flap discs with fibreglass backing

Description:

Individually arranged Heavy Duty zirconium flaps and X-weight fibreglass backing. Both flat and conical versions are available.

Main features and benefits:

The Heavy Duty zirconium cloth is particularly suitable for applications requiring very high operating pressure and for medium/high-power cornering grinders. It is the ideal product for working particularly difficult areas such as irregular edges, sharp corners and electrode welding seams.

Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance.

Recommended applications:



Deburring, removing welding seams and spots, blunting sharp corners and edges.

Work surfaces:

Stainless steel, alloyed and unalloyed steel, cast iron, titanium.



conical shape



diam/hole			P40	P60	P80
102x16	15.150	10	DLO196 3,73	DLO198 3,73	DLO199 3,73
115x22	13.300	10	DLO201 • 3,88	DLO203 • 3,88	DLO204 • 3,88
127x22	12.150	10	DLO206 • 4,30	DLO208 • 4,30	DLO209 • 4,30
178x22	8.600	10	DLO211 • 8,87	DLO213 8,87	DLO214 8,87

flat shape



diam/hole			P40	P60	P80
102x16	15.150	10	DLO176 3,73	DLO178 3,73	DLO179 3,73
115x22	13.300	10	DLO181 • 3,88	DLO183 • 3,88	DLO184 • 3,88
127x22	12.150	10	DLO186 • 4,30	DLO188 • 4,30	DLO189 4,30
178x22	8.600	10	DLO191 8,87	DLO193 8,87	DLO194 8,87



DLN ALUMINIUM OXIDE flap discs with blue nylon backing

Description:

Individually arranged aluminium oxide flaps and X-weight backing. Only the flat version is available.

Main features and benefits:

The aluminium oxide abrasive is particularly suitable for applications requiring low and medium operating pressure and even for low-power cornering grinders.

Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance.

Recommended applications:



Deburring, removing welding seams and spots, removing scale, rust and oxidation of any kind.

Work surfaces:

Alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, plastic, paint, varnish, filler.

flat shape



diam/hole			P36	P40	P60	P80	P120
115x22	13.300	10	DL0501 2,79	DL0502 • 2,79	DL0503 • 2,79	DL0504 • 2,79	DL0505 • 2,79
178x22	8.600	10	DL0521 • 6,38	DL0522 • 6,38	DL0523 • 6,38	DL0524 • 6,38	



DLN ZIRCONIUM flap discs with blue nylon backing

Description:

Individually arranged zirconium flaps and X-weight backing. Only the flat version is available.

Main features and benefits:

The zirconium abrasive is particularly suitable for applications requiring high operating pressure and even for medium/high-power cornering grinders.

Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance

Recommended applications:



Grinding, removing welding seams and spots, removing scale, rust and oxidation of any kind, blunting sharp corners and edges.

Work surfaces:

Stainless steel, alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, cast iron, titanium.

flat shape



diam/hole			P36	P40	P60	P80	P120
115x22	13.300	10	DL0506 • 2,88	DL0507 • 2,88	DL0508 • 2,88	DL0509 • 2,88	DL0510 • 2,88
178x22	8.600	10	DL0526 • 6,73	DL0527 • 6,73	DL0528 • 6,73	DL0529 • 6,73	



DLP ALUMINIUM OXIDE flap discs with reinforced nylon backing

Description:

Particularly robust nylon backing. Overlapped pairs of aluminium oxide flaps and X-weight backing. Only the flat version is available.

Main features and benefits:

The aluminium oxide abrasive is particularly suitable for applications requiring low and medium operating pressure and even for low-power cornering grinders.

The paired flap arrangement provides better ventilation and improves scrap/waste escape.

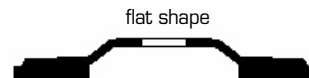
Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance. Always use the backing pad for the 165mm-diameter disc. (page 91)



Recommended applications:

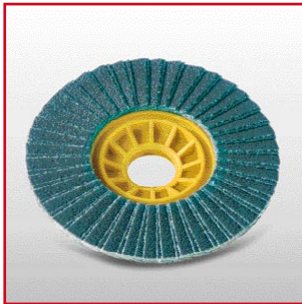
Grinding, removing welding seams and spots, removing scale, rust and oxidation of any kind.

Work surfaces:

Alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, plastic, paint, varnish, filler.



diam/hole			P36	P40	P60	P80	P120
110x22	11.000	10	DL0286 • 3,77	DL0287 • 3,77	DL0289 • 3,77	DL0290 • 3,77	DL0292 • 3,77
165x22	7.200	10	DL0308 • 8,61	DL0309 • 8,61	DL0311 • 8,61	DL0312 8,61	



DLP ZIRCONIUM flap discs with reinforced nylon backing

Description:

Particularly robust nylon backing. Overlapped pairs of zirconium flaps and X-weight backing. Only the flat version is available.

Main features and benefits:

The zirconium abrasive is particularly suitable for applications requiring high operating pressure and even for medium/high-power cornering grinders.

The flap paired arrangement provides better ventilation and improves scrap/waste escape.

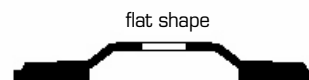
Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance. Always use the backing pad for the 165mm-diameter disc. (page 91)



Recommended applications:

Deburring, removing welding seams, blunting sharp corners and edges.

Work surfaces:

Stainless steel, alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, cast iron, titanium.



diam/hole			P36	P40	P60	P80	P120
110x22	11.000	10	DL0302 • 3,97	DL0303 • 3,97	DL0305 • 3,97	DL0306 • 3,97	DL0307 • 3,97
165x22	7.200	10	DL0324 • 9,07	DL0325 • 9,07	DL0327 • 9,07	DL0328 • 9,07	



GEMINI ALUMINIUM OXIDE flap discs with blue nylon backing

Description:

Overlapped pairs of aluminium oxide flaps and X-weight backing. Only the flat version is available.

Main features and benefits:

The aluminium oxide abrasive is particularly suitable for applications requiring low and medium operating pressure and even for low-power cornering grinders.

The paired flap arrangement provides better ventilation and improves scrap/waste escape.

Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance.

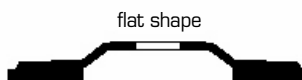
Recommended applications:



Deburring, removing welding seams and spots, removing scale, rust and oxidation of any kind.

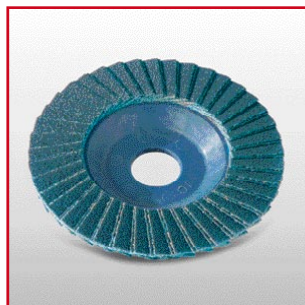
Work surfaces:

Alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, plastic, paint, varnish, filler.

flat shape



diam/hole			P40	P60	P80	P120
115x22	13.300	10	DLO901 • 3,18	DLO902 • 3,18	DLO903 • 3,18	DLO904 • 3,18
178x22	8.600	10	DLO921 • 7,16	DLO922 • 7,16	DLO923 • 7,16	DLO924 • 7,16



GEMINI ZIRCONIUM flap discs with blue nylon backing

Description:

Overlapped pairs of zirconium flaps and X-weight backing. Only the flat version is available.

Main features and benefits:

The zirconium abrasive is particularly suitable for applications requiring high operating pressure and even for medium/high-power cornering grinders.

The flap paired arrangement provides better ventilation and improves scrap/waste escape.

Wide abrasive surface, constant wear, continuous exposure of new grit, high and even cutting performance.

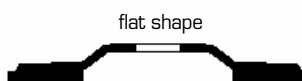
Recommended applications:



Deburring, removing welding seams, blunting sharp corners and edges.

Work surfaces:

Stainless steel, alloyed and unalloyed steel, aluminium, nonferrous metals and alloys, structural steel, cast iron, titanium.

flat shape



diam/hole			P40	P60	P80	P120
115x22	13.300	10	DLO905 • 3,45	DLO906 • 3,45	DLO907 • 3,45	DLO908 • 3,45
178x22	8.600	10	DLO925 • 7,54	DLO926 • 7,54	DLO927 • 7,54	DLO928 • 7,54



CW-ETC cut-off discs **GW-ETG** grinding discs

Description:

Cut-off and grinding discs suitable for applications on a wide range of materials. They can be used on a large number of machine tools. Cut-off discs can be divided as follows depending on their characteristics:

- **Discs for Metals, Stainless steel or Aluminium;**
- **Type 41 flat shape** (totally flat discs) or **type 42 depressed centre** (discs with a depressed centre that makes the structure stronger).

In the description section the first letter refers to the type of abrasive, the figure refers to the grit and the final letter refers to hardness. For example, A36S stands for aluminium oxide (A) grit 36 and hardness S.

Main features and benefits:

Our cut-off discs are excellent problem-solvers in a large number of cutting applications: from the accurate cutting of low-thickness materials to the high-performance cutting of thicker materials.

Never use the cut-off discs for grinding or removing any kind of material.

Our **CW** range performs extremely well in terms of its life and operating speed and is very high value for money.

Our **ETC** product range is good value for money.

Our grinding discs are extremely aggressive and solid.

Our **GW** range offers top performances.

Our **ETG** product range is good value for money.

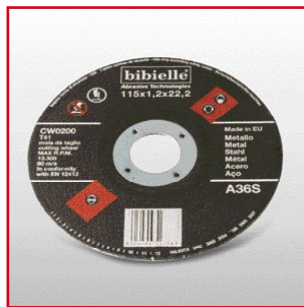
Recommended applications:

Cutting metal sheets, pipes, box beams, sections and solid metal structures, bodywork.

Work surfaces:

Stainless steel, standard steel, iron, sections and solid metal structures, bodywork.





CW thin cut-off discs for metals

Description:

Thin cut-off disc for metals. Grit A36S. Type 41 flat shape.

Main features and benefits:

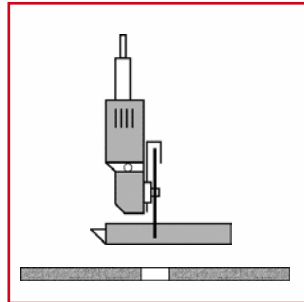
When used on steel, iron and metals in general, this top-quality product ensures long life as well as fast, thin and accurate cutting operations whilst minimizing waste and burrs.

Recommended applications:

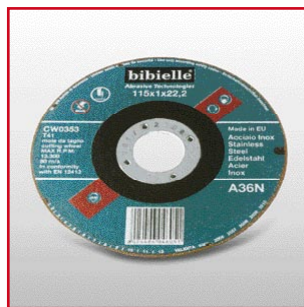
Cutting sheet metals, pipes, box beams, sections and solid metal structures, bodywork.

Work surfaces:

Standard steel, iron.



diam/th/hole	max		
76x1x22,2	20.000	50	CW0214 • 1,46
76x1,6x22,2	20.000	50	CW0210 • 1,46
115x1x22,2	13.300	50	CW0253 • 1,46
115x1,2x22,2	13.300	50	CW0200 • 1,46
115x1,6x22,2	13.300	50	CW0201 • 1,46
125x1x22,2	12.200	50	CW0254 • 1,50
125x1,2x22,2	12.200	50	CW0202 • 1,50
125x1,6x22,2	12.200	50	CW0203 • 1,50
180x2x22,2	8.500	25	CW0212 • 2,03
230x2x22,2	6.600	25	CW0209 • 2,85



CW thin cut-off discs for stainless steel

Description:

Thin cut-off disc for stainless steel. Grit A36N. Type 41 flat shape.

Main features and benefits:

Top-quality product specially designed for cutting stainless steel.

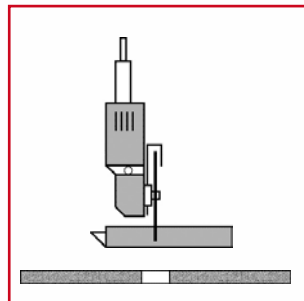
It ensures long life as well as fast, thin and accurate cutting operations whilst minimizing waste and burrs.

Recommended applications:

Cutting sheet metals, pipes, box beams, sections and solid metal structures.

Work surfaces:

Stainless steel.



diam/th/hole	max		
115x1x22,2	13.300	50	CW0353 • 1,46
115x1,2x22,2	13.300	50	CW0300 • 1,46
115x1,6x22,2	13.300	50	CW0301 • 1,46
125x1x22,2	12.200	50	CW0354 • 1,50
125x1,2x22,2	12.200	50	CW0302 • 1,50
125x1,6x22,2	12.200	50	CW0303 • 1,50
180x2x22,2	8.500	25	CW0312 • 2,07
230x2x22,2	6.600	25	CW0309 • 2,95

CW thin cut-off discs for aluminium

Description:

Thin cut-off disc for aluminium and nonferrous metals. Grit A30N. Type 41 flat shape except for article CWA130 (type 42 depressed centre).

Main features and benefits:

Top-quality product specially designed for cutting aluminium.

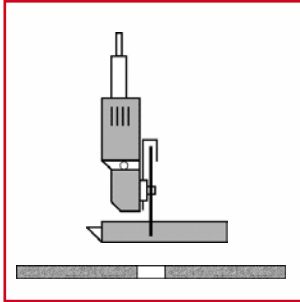
It ensures long life as well as fast, thin and accurate cutting operations whilst minimizing waste and burrs.



Recommended applications:

Cutting sheet metals, pipes, box beams, sections and solid metal structures.

Work surfaces:

Aluminium and other nonferrous metals, clogging materials



diam/th/hole			
115x1,6x22,2	13.300	50	CWA201 • 1,61
125x1,6x22,2	12.200	50	CWA203 • 1,66
230x2x22,2	6.600	25	CWA209 • 3,13

230x2x22,2	6.600	25	CWA130 • 3,13
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CW flat cut-off discs for metals

Description:

Cut-off disc for metals. Grit A36S. Type 41 flat shape.

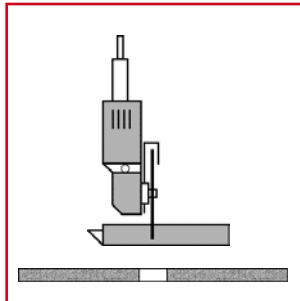
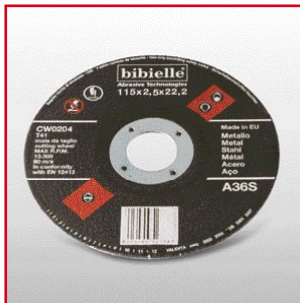
Main features and benefits: Top-quality product that ensures fast and accurate cutting operations whilst reducing waste. Excellent life. Excellent lateral stability.



Recommended applications:

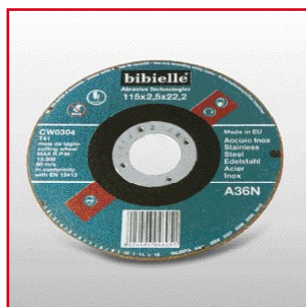
Cutting sheet metals, pipes, box beams, sections and solid metal structures.

Work surfaces:

Standard steel, iron.



diam/th/hole			
100x2,5x16	15.200	50	CW0208
115x2,5x22,2	13.300	50	CW0204 • 1,14
125x2,5x22,2	12.200	50	CW0205 • 1,22
180x2,5x22,2	8.500	25	CW0206 • 1,82
230x2,5x22,2	6.600	25	CW0207 • 2,57



CW flat cut-off discs for stainless steel

Description:

Thin cut-off disc for stainless steel. Grit A36N. Type 41 flat shape.

Main features and benefits:

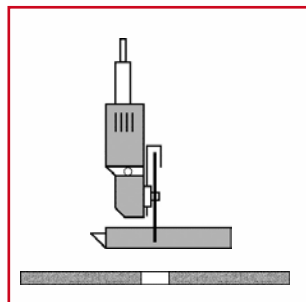
Top-quality product that ensures fast and accurate cutting operations whilst reducing waste. Excellent life. Excellent lateral stability.



Recommended applications:

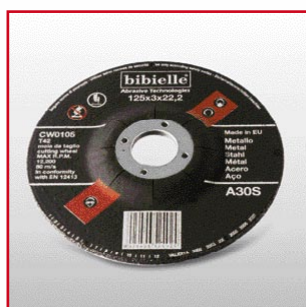
Cutting sheet metals, pipes, box beams, sections and solid metal structures.

Work surfaces:

Stainless steel.



diam/th/hole			
100x2,5x16	15.200	50	CWO308
115x2,5x22,2	13.300	50	CWO304 • 1,22
125x2,5x22,2	12.200	50	CWO305 • 1,28
180x2,5x22,2	8.500	25	CWO306 • 1,90
230x2,5x22,2	6.600	25	CWO307 • 2,64



CW depressed centre cut-off discs for metals

Description:

Cut-off disc for metal. Grit A30S. Type 42 depressed centre.

Main features and benefits:

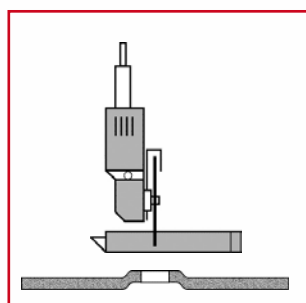
This product ensures fast and accurate cutting operations. Maximum life. Excellent lateral stability. Its depressed centre makes the structure more rigid.



Recommended applications:

Cutting sheet metals, pipes, box beams, sections and solid metal structures.

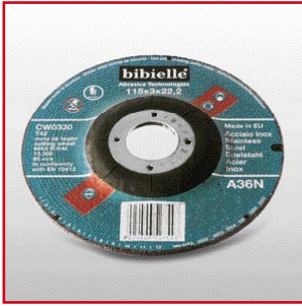
Work surfaces:

Standard steel, iron.



diam/th/hole			
100x3x16	15.200	50	CWO125
115x3x22,2	13.300	50	CWO100 • 1,14
125x3x22,2	12.200	50	CWO105 • 1,22
180x3x22,2	8.500	25	CWO110 • 1,82
230x2x22,2	6.600	25	CWO130 • 2,85
230x3x22,2	6.600	25	CWO120 • 2,57

CW depressed centre cut-off discs for stainless steel



Description:

Cut-off disc for stainless steel. Grit A36N. Type 42 depressed centre.

Main features and benefits:

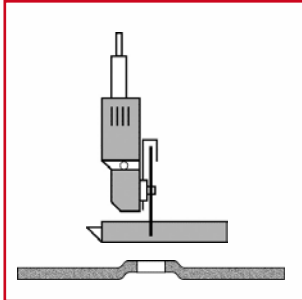
This product ensures fast and accurate cutting operations. Maximum life. Excellent lateral stability. Its depressed centre makes the structure more rigid.



Recommended applications:

Cutting sheet metals, pipes, box beams, sections and solid metal structures.

Work surfaces:

Stainless steel.



diam/th/hole			
100x3x16	15.200	50	CW0325
115x3x22,2	13.300	50	CW0330 • 1,22
125x3x22,2	12.200	50	CW0335 • 1,28
180x3x22,2	8.500	25	CW0310 • 1,90
230x2x22,2	6.600	25	CW0340 • 2,95
230x3x22,2	6.600	25	CW0320 • 2,64

CW cut-off discs for metals for single-phase bench machinery



Description:

Cut-off disc for metals. Grit A46F. Type 41 flat shape.

Main features and benefits:

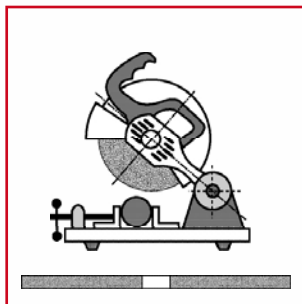
To be used on single-phase bench machinery. It ensures fast and accurate cutting operations as well as long product life. Excellent lateral stability.



Recommended applications:

Cutting sections and solid metal structures.

Work surfaces:

Standard steel, iron.



diam/th/hole			
300x2,7x25,4	3.820	25	CW0500 • 3,91
350x2,7x25,4	3.820	25	CW0505 • 6,64



CW cut-off discs for metals for stationary machinery

Description:

Cut-off disc for metals. Grit A24N. Type 41 flat shape.

Main features and benefits:

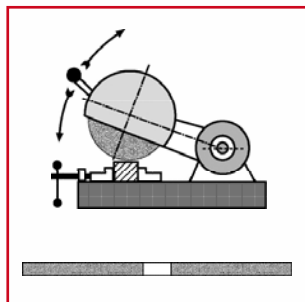
To be used on stationary machinery. It ensures fast and accurate cutting operations as well as long product life. Excellent lateral stability.



Recommended applications:

Cutting sections and solid metal structures.

Work surfaces:

Standard steel, iron.



diam/th/hole			
300x3,8x25,4	5.100	25	CW0520 • 4,27
350x4x25,4	4.400	25	CW0525 • 6,85



CW cut-off discs for metals for portable heat engines

Description:

Cut-off disc for metals. Grit A30S. Type 41 flat shape.

Main features and benefits:

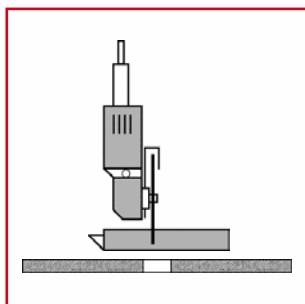
To be used on portable heat engines. It ensures fast and accurate cutting operations as well as long product life. Excellent lateral stability.



Recommended applications:

Cutting sections and solid metal structures.

Work surfaces:

Standard steel, iron.



diam/th/hole			
300x3,6x25,4	6.300	25	CW0510 4,61

GW grinding discs for metals

Description:

Grinding disc for metals. Grit A24N. Type 27 depressed centre.

Main features and benefits:

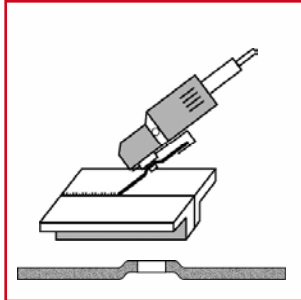
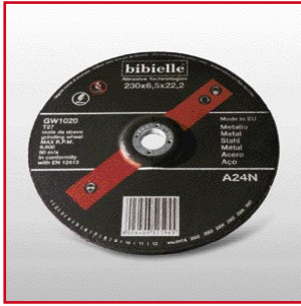
Top quality and long life are the main features of this product specially designed for removing any metal material rapidly and efficiently.



Recommended applications:

Deburring, removing welding seams, working sharp edges.

Work surfaces:

Standard steel, iron.



diam/th/hole			
100x6,5x16	15.200	50	GW1025
115x6,5x22,2	13.300	50	GW1000 • 1,64
125x6,5x22,2	12.200	50	GW1005 • 1,90
180x6,5x22,2	8.500	25	GW1010 • 2,95
230x6,5x22,2	6.600	25	GW1020 • 4,12

GW grinding discs for stainless steel

Description:

Grinding disc for stainless steel. Grit A30P. Type 27 depressed centre.

Main features and benefits:

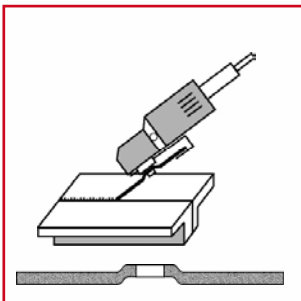
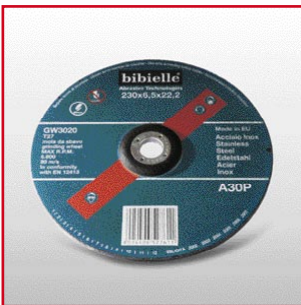
Top quality and long life are the main features of this product specially designed for removing any metal material rapidly and efficiently.



Recommended applications:

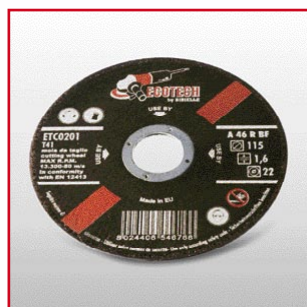
Deburring, removing welding seams, working sharp edges.

Work surfaces:

Stainless steel.



diam/th/hole			
100x6,5x16	15.200	50	GW3025
115x6,5x22,2	13.300	50	GW3000 • 1,98
125x6,5x22,2	12.200	50	GW3005 • 3,10
180x6,5x22,2	8.500	25	GW3010 • 4,44
230x6,5x22,2	6.600	25	GW3020 • 1,39



ETC ECOTECH thin cut-off discs for metals

Description:

Cut-off disc for metals. Type 41 flat shape.

Main features and benefits:

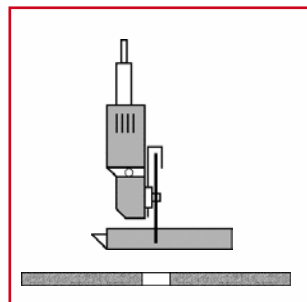
It is good value for money and ensures quite a long life as well as fast and accurate cutting operations while minimizing waste and burrs.

Recommended applications:

Cutting sheet metals, sections and solid metal structures.

Work surfaces:

Standard steel, iron.



diam/th/hole	max		
115x1,6x22,2	13.300	50	ETC0201 • 1,25
125x1,6x22,2	12.200	50	ETC0203 • 1,28



ETC ECOTECH flat cut-off discs for metals

Description:

Cut-off disc for metals. Type 41 flat shape.

Main features and benefits:

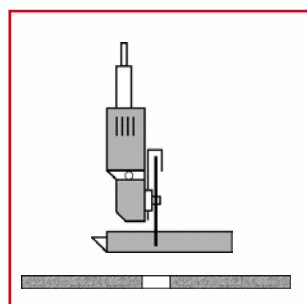
It is good value for money and ensures quite a long life as well as fast and accurate cutting operations while minimizing waste and burrs.

Recommended applications:

Cutting sheet metals, sections and solid metal structures.

Work surfaces:

Standard steel, iron.



diam/th/hole	max		
115x2,5x22,2	13.300	50	ETC0204 • 0,99
125x2,5x22,2	12.200	50	ETC0205 • 1,04
180x2,5x22,2	8.500	25	ETC0206 • 1,55
230x2,5x22,2	6.600	25	ETC0207 • 2,19

ETC ECOTECH depressed centre cut-off discs for metals

Description:

Cut-off disc for metals. Type 42 depressed centre.

Main features and benefits:

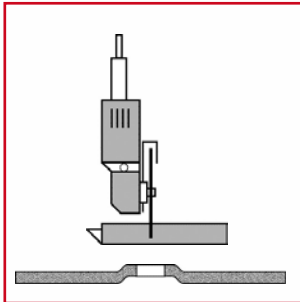
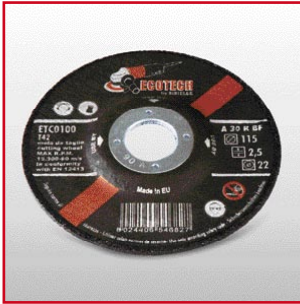
It is good value for money and ensures quite a long life as well as fast and accurate cutting operations while minimizing waste and burrs.

Recommended applications:

Cutting sheet metals, sections and solid metal structures.

Work surfaces:

Standard steel, iron.



diam/th/hole	max		
115x2,5x22,2	13.300	50	ETC0100 • 0,99
125x2,5x22,2	12.200	50	ETC0105 • 1,04
180x2,5x22,2	8.500	25	ETC0110 • 1,55
230x2,5x22,2	6.600	25	ETC0120 • 2,19

ETG ECOTECH grinding discs for metals

Description:

Grinding disc for metals. Type 27 depressed centre.

Main features and benefits:

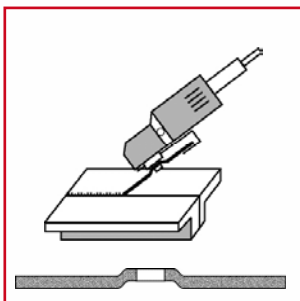
It is good value for money, ensures quite a long life and removes any metal material rapidly and efficiently.

Recommended applications:

Deburring, removing welding seams, working sharp edges.

Work surfaces:

Standard steel, iron.



diam/th/hole	max		
115x6,5x22,2	13.300	50	ETG1000 • 1,12
125x6,5x22,2	12.200	50	ETG1005 • 1,62
180x6,5x22,2	8.500	25	ETG1010 • 2,51
230x6,5x22,2	6.600	25	ETG1020 • 3,51



FD fibre discs

Description:

Our fibre discs consist of abrasive surfaces stuck to pads made of vulcanized fibre.

Holes can be:

- **Round:** maximum stiffness and mechanical strength, easier to fit.
- **Crosscut:** crosscuts facilitate the fitting of metal flange whilst increasing flexibility to the detriment of mechanical strength. Crosscut holes allow discs to be perfectly positioned and accurately adapted to backup pads.

Main features and benefits:

This product should be used on backup pads (page 91).

Only one surface is covered with abrasive. Therefore our FDs ensure fast stock removal to the detriment of a consistent finishing.

Recommended applications:

Deburring, removing welding seams, rust, paint and oxidation of any kind.



Work surfaces:

Stainless steel, standard steel, alloyed steel, nonferrous materials.



FD ALUMINIUM OXIDE fibre discs – round hole

Description:

Aluminium oxide-grained fibre discs – round hole.

Main features and benefits:

Excellent removal at low/medium pressures, quite a long life and good surface finish.

Recommended applications:

Deburring, removing welding seams, rust, paint and oxidation of any kind.

Work surfaces:

Standard steel, nonferrous materials.

diam/hole	max		P16	P24	P36	P40	P50	P60	P80	P120
100x16	15.150	25		FD0042	FD0043	FD0044	FD0045	FD0046	FD0047	FD0048
115x22	13.300	25	FD0001 • 0,78	FD0002 • 0,61	FD0003 • 0,60	FD0004 • 0,58	FD0005 • 0,56	FD0006 • 0,54	FD0007 • 0,50	FD0008 • 0,50
127x22	12.150	25	FD0021 • 0,87	FD0022 • 0,68	FD0023 • 0,67	FD0024 • 0,64	FD0025 • 0,62	FD0026 • 0,59	FD0027 • 0,56	FD0028 • 0,56
178x22	8.600	25	FD0031 • 1,61	FD0032 • 1,26	FD0033 • 1,23	FD0034 • 1,22	FD0035 • 1,13	FD0036 • 1,09	FD0037 • 1,03	FD0038 • 1,03



FD ZIRCONIUM fibre discs – round hole

Description:

Zirconium-grained fibre discs – round hole.

Main features and benefits:

Excellent removal at high pressures, quite a long life and good surface finish.

Recommended applications:

Deburring, removing welding seams, highly resistant materials.

Work surfaces:

Stainless steel, alloyed steel, heat-resistant nonferrous materials.

diam/hole	max		P24	P36	P40	P60	P80
100x16	15.150	25	FD0242	FD0243	FD0244	FD0246	FD0247
115x22	13.300	25	FD0202 0,77	FD0203 • 0,76	FD0204 • 0,72	FD0206 • 0,67	FD0207
127x22	12.150	25	FD0222 0,86	FD0223 • 0,84	FD0224 0,81	FD0226 • 0,75	FD0227 0,70
178x22	8.600	25	FD0232 1,63	FD0233 • 1,59	FD0234 1,53	FD0236 • 1,42	FD0237 1,33



FD ALUMINIUM OXIDE fibre discs – crosscut hole

Description:

Aluminium oxide-grained fibre discs – crosscut hole.

Main features and benefits:

Excellent removal at low/medium pressures, quite a long life and good surface finish.

Recommended applications:

Deburring, removing welding seams, rust, paint and oxidation of any kind.

Work surfaces:

Standard steel, nonferrous materials.

diam/hole	max		P16	P24	P36	P40	P50	P60	P80	P120
115x22	13.300	25	FD1001 • 0,78	FD1002 • 0,61	FD1003 • 0,60	FD1004 • 0,58	FD1005 • 0,56	FD1006 • 0,54	FD1007 • 0,50	FD1008 • 0,50
127x22	12.150	25	FD1021 • 0,87	FD1022 • 0,68	FD1023 • 0,67	FD1024 • 0,64	FD1025 • 0,62	FD1026 • 0,59	FD1027 • 0,56	FD1028 • 0,56
178x22	8.600	25	FD1031 • 1,61	FD1032 • 1,26	FD1033 • 1,23	FD1034 • 1,22	FD1035 • 1,13	FD1036 • 1,09	FD1037 • 1,03	FD1038 • 1,03



FD ZIRCONIUM fibre discs – crosscut hole

Description:

Zirconium-grained fibre discs – crosscut hole.

Main features and benefits:

Excellent removal at high pressures, quite a long life and good surface finish.

Recommended applications:

Deburring, removing welding seams, highly resistant materials.

Work surfaces:

Stainless steel, alloyed steel, heat-resistant nonferrous materials.

diam/hole	max		P24	P36	P40	P60	P80
115x22	13.300	25	FD1202 0,77	FD1203 • 0,76	FD1204 • 0,72	FD1206 • 0,67	FD1207 • 0,63
127X22	12.150	25	FD1222 0,86	FD1223 • 0,84	FD1224 • 0,81	FD1226 • 0,75	FD1227 • 0,70
178x22	12.150	25	FD1232 • 1,63	FD1233 • 1,59	FD1234 • 1,53	FD1236 • 1,42	FD1237 1,33



MG mounted points

Description:

Pink aluminium oxide mounted points vitrified with a ceramic binder. Available in a variety of shapes and sizes.

Main features and benefits:



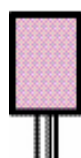
Highly efficient removal, long life and excellent quality of the finished surfaces are the main features of this product.



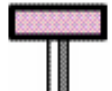
Recommended applications:



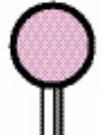
Fine sanding and deburring of uneven surfaces, internal surfaces of pipes, cylinders or other shaped pieces.



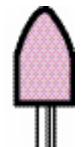
Work surfaces:




Standard steel, unalloyed steel, structural steel, stainless steel.




diam/th.	shaft				SHAPE
3x6	3x37	90.000	25	W144 • 0,76	
5x6	3x37	73.000	25	W152 • 0,76	
5x10	3x37	73.000	25	W153 • 0,76	
6x10	3x37	61.000	25	W162 • 0,76	
8x10	3x37	61.000	25	W169 • 0,76	
10x10	3x37	61.000	25	W175 • 0,76	
10x13	3x37	54.000	25	W176 • 0,80	
10x20	3x37	41.000	25	W177 • 0,90	
13x13	6x40	58.000	25	W185 • 0,83	
16x20	6x40	47.000	25	W195 • 1,09	
16x25	6x40	35.000	25	W196 • 1,21	
20x20	6x40	42.000	25	W204 • 1,32	
20x25	6x40	32.000	25	W205 • 1,40	
25x25	6x40	25.000	25	W220 • 1,55	
25x40	6x40	19.000	25	W221 • 2,23	
30x30	6x40	17.000	25	W230 • 1,89	
40x40	6x40	12.000	25	W238 • 3,63	

diam/th.	shaft				SHAPE
13x3	6x40	60.000	25	W182 • 0,76	
20x3	6x40	47.000	25	W200 • 0,87	
25x6	6x40	38.000	25	W216 • 1,06	
32x6	6x40	27.000	25	W225 • 1,32	
32x10	6x40	27.000	25	W226 • 1,32	
40x13	6x40	25.000	25	W236 • 1,74	

diam/th.	shaft				SHAPE
10	3x37	61.000	25	B122 • 0,99	
13	6x40	58.000	25	B121 • 1,10	
16	6x40	54.000	25	A026 • 1,23	
25	6x40	25.000	25	A025 • 1,96	

diam/th.	shaft				SHAPE
10x20	3x37	41.000	25	B052 • 1,23	
18x30	6x40	30.000	25	A012 • 2,05	
20x45	6x40	18.000	25	A011 • 3,03	


diam/th.	shaft				SHAPE
25x25	6x40	25.000	25	A021 • 1,96	

diam/th.	shaft				SHAPE
20x28	6x40	30.000	25	A005 • 2,05	
32x32	6x40	20.000	25	A004 • 2,99	

ACCESSORIES




BA back-up pads for FD (pages 88 - 89)

diameter	hardness		
100 mm	Media	1	BA0005 • 4,53
115 mm	Media	1	BA0001 • 5,22
127 mm	Media	1	BA0002 • 6,12
178 mm	Media	1	BA0003 • 11,17



XL back-up pads for DLP diameter 165 mm (page 76)

	
1	XL165P • 2,44

INSTRUCTIONS FOR CORRECTLY USING AND STORING BIBIELLE CUTTING, GRINDING AND DEBURRING PRODUCTS

1) General information.

The abrasive products can get broken and therefore they should be handled with great care. The use of damaged or incorrectly fitted abrasives is dangerous and can cause serious damage to both operators and all persons present in the work area where the abrasive process is occurring.

2) Handling, transport and storage.

All abrasive products should be handled, used and carried with care.

They should be stored in a dry place protected from frost, and kept away from heat, wet walls, doors or windows. They should be ideally stored at a temperature of between 18° C and 22° C and at a relative humidity of between 45% and 65%. The abrasive products should be stored in their original packages so as to avoid any mechanical damage.

3) How to select the right abrasive.

All information written on the label or on the abrasive as well as any use restrictions, safety instructions and other kind of precautions should be read and respected.

If heavy removal is required we recommend you select a coarser grit instead of increasing the operating pressure. Excessive pressure can slow speed down, increase temperature and put both the abrasive and the machine tool under excessive stresses which could result in breakages.

BIBIELLE after sales service, distributors and retailers are always at your disposal for any advice you might need on the most suitable product to be used in any given application.

4) Visual check.

All abrasive products should be visually checked before being fitted. Damaged or out-of-date abrasives should never be used and should be destroyed.

5) How to fit and prepare the abrasive product.

All abrasive products should be fitted following the instructions provided by BIBIELLE and the manufacturer of the machine tool on which the product is going to be fitted.

All abrasive products should only be fitted by competent, highly skilled and trained personnel.

Once fitted, every abrasive product should be subjected to a rotation test for a reasonable period of time (never exceed the maximum operating speed recommended).

Always read and follow the user manuals supplied by BIBIELLE.

6) Further information.

Oltre alle informazioni fornite da BIBIELLE occorre:

- besides reading the instructions given by bibielle, we recommend you:
- read the user manual of the grinder;
- set up guards before operating the machine tool;
- never start any grinding operation unless guards are set up;
- use appropriate personal protection equipment according to the type of machine tool and application; for instance goggles or face masks, ear plugs, dust masks, safety shoes, gloves and other protective clothing;
- only use the abrasive product for the intended purposes (read and follow use restrictions, safety instructions as well as any other relevant information);
- never use cut-off discs for grinding and removing applications. if a cutting operation is to be made using a portable machine tool, the wheel should be kept perpendicular to the cutting area;
- switch off the motor and make sure that the abrasive product has come to a stop before laying the portable grinder on the work bench or on the floor;
- the wheel fitted on the portable machine tool should never be subjected to force when brought into contact with the workpiece.