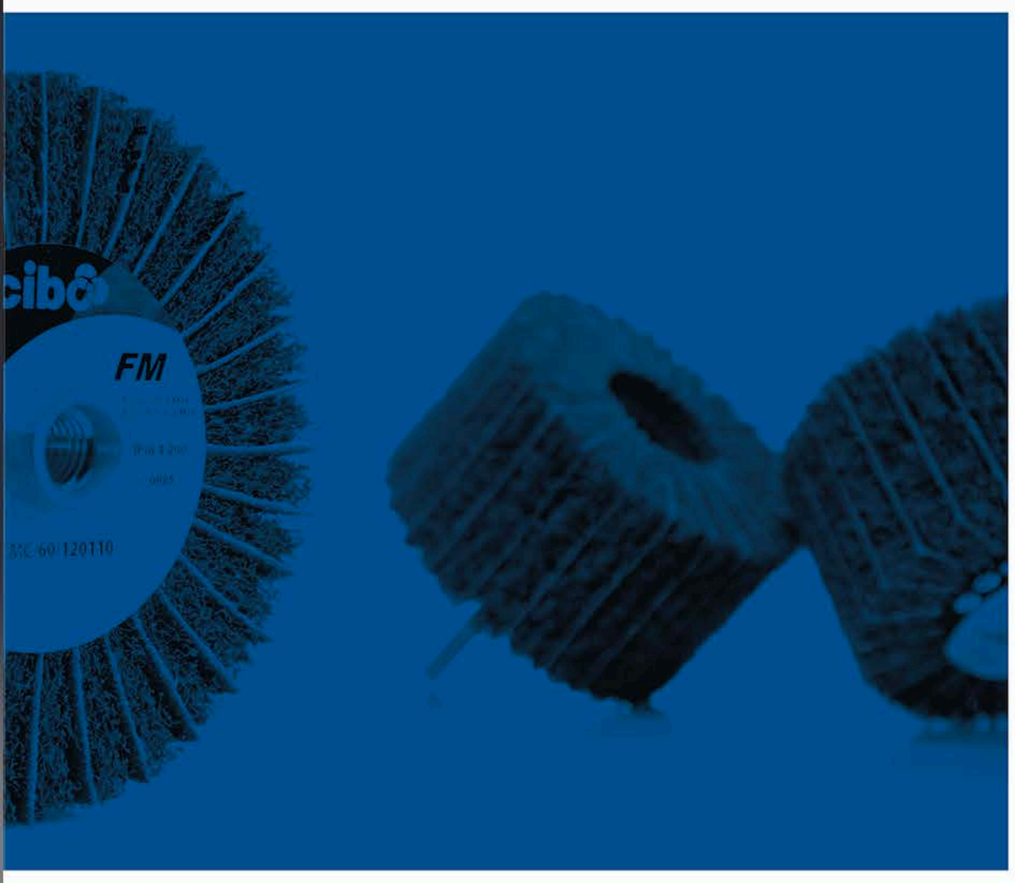
TIME SAVING CATALOG



cibo

time saving abrasives

CATALOG

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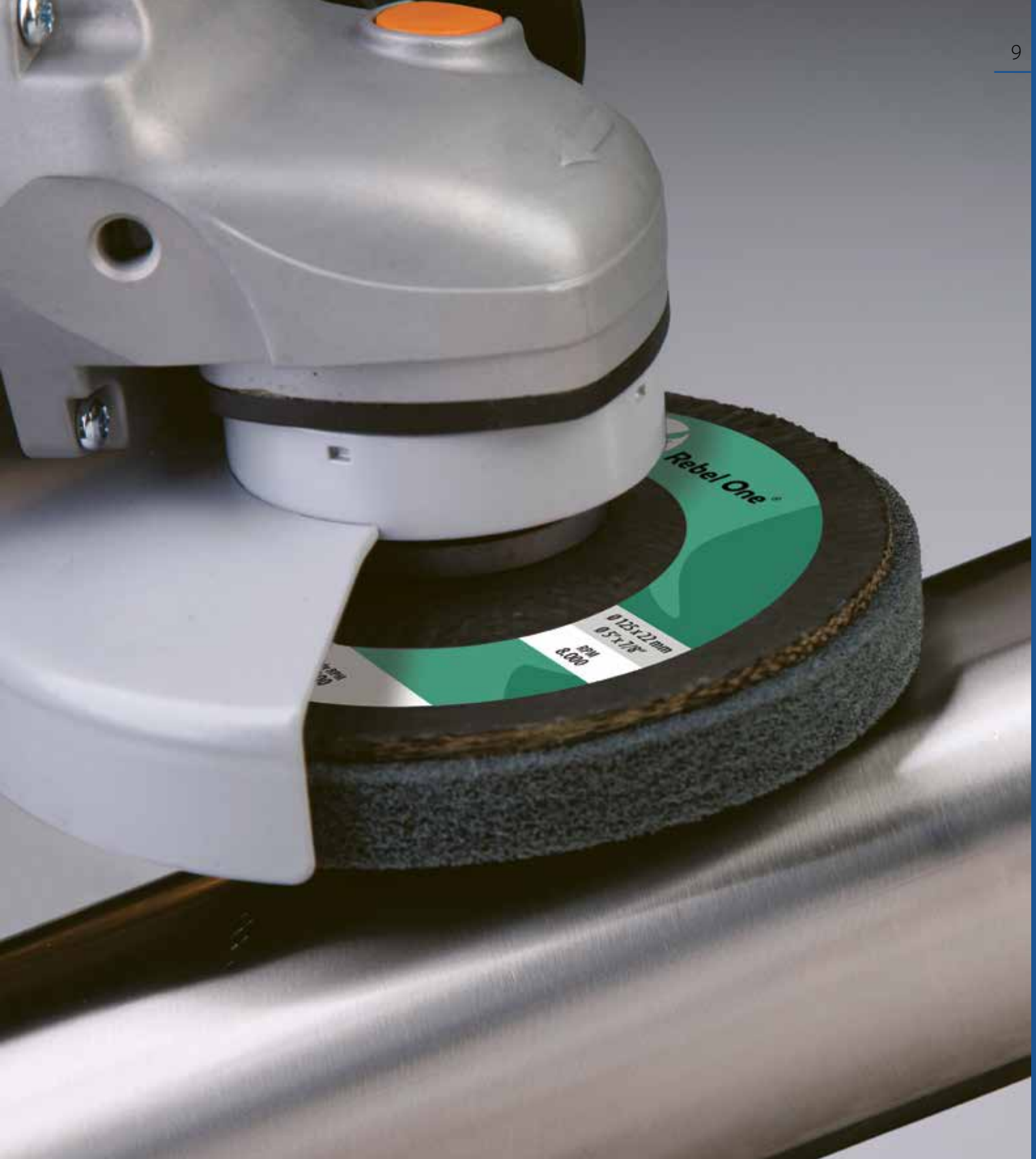
Rebel One
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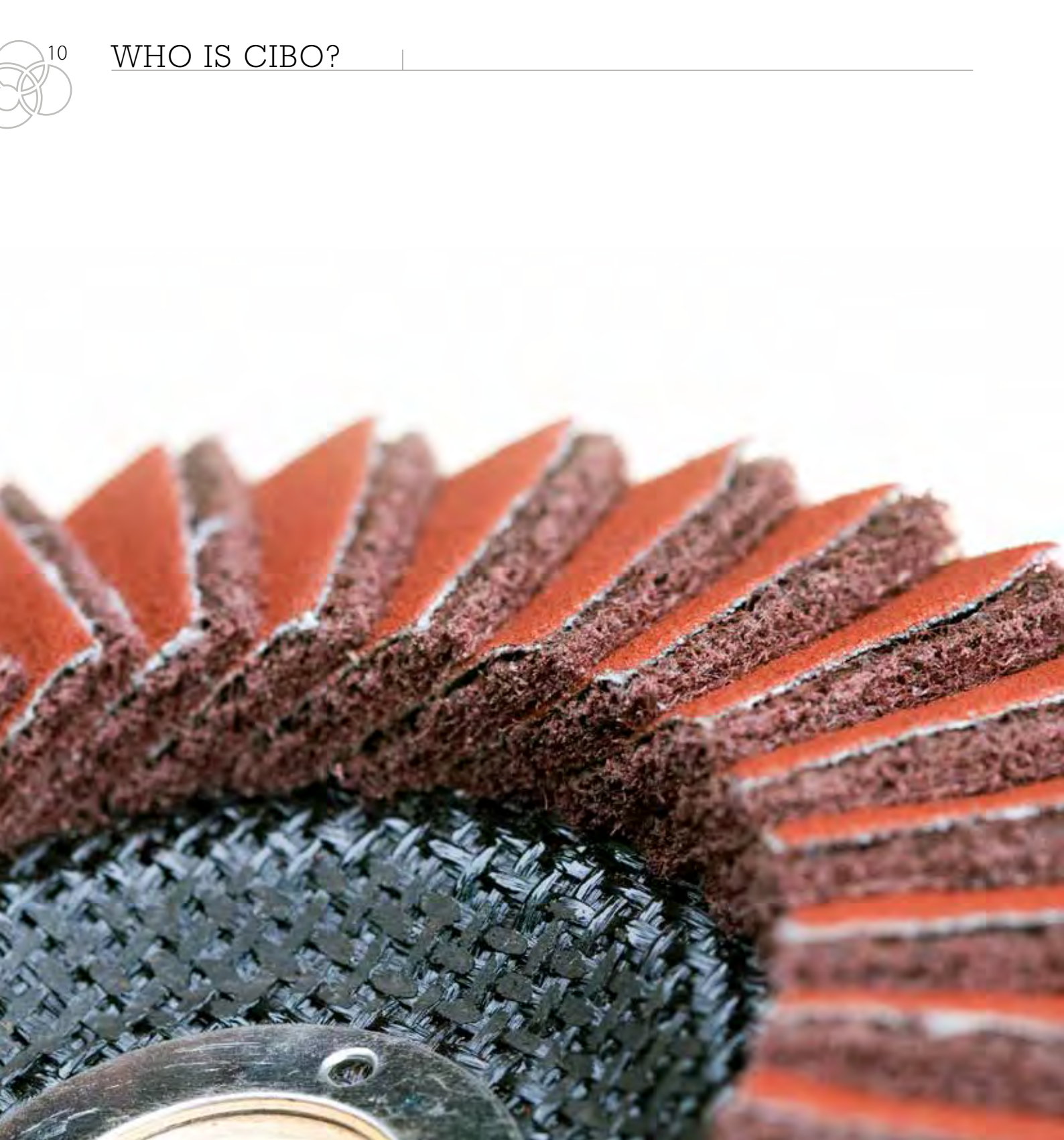
Ø 5" x 7/8"
RPM
8,000



Who is Cibo?

Cibo is a unique solution provider for technical grinding problems. To achieve this goal for its customers, Cibo unites a combination of 3 important elements.

- Cibo has a near inexhaustible supply of technically advanced grinding and polishing products at its disposal.
- Secondly, Cibo develops highly specific grinding machines that improve the quality of the finish and simultaneously improve user-friendliness for the operator.
- And finally, Cibo shares its tremendous application know-how with all its customers, completely free of charge.

Each Cibo application expert has years of experience in the field, and additionally is provided with ongoing and intensive refresher courses anywhere, anytime.

By processing grinding materials in inventive ways, and by coming up with clever combinations of various materials, Cibo succeeds, time and again, in creating innovative grinding products. The emphasis lies in saving time for the users and a high level of user comfort.

With a driven and passionate team, Cibo is at its clients' disposal to come up with and put into practice the most efficient solution for any grinding problem.

Cibo is looking for trouble!

Cibo is looking for trouble

Yes, you've read this correctly. Cibo is looking for trouble! Not with you of course.
No, trouble relating to the finish of, amongst other things, stainless steel and special alloys.

Problems with obtaining the desired finish? Finishing costs much higher than expected? Or does the finish of that inner corner appear impossible?
In that case, please contact Cibo as quickly as possible! As these are the kind of difficulties we thrive on.

No grinding problem or challenge is too daunting for us. It doesn't matter whether we are dealing with a case of quick machining, a decorative, functional or mirror a cost reduction in the grinding process.
After all, Cibo can always count on the following:

- *A team of passionately driven application experts, with years of experience in the field. Their extraordinary knowledge of applications takes into account not only all important parameters like speed, work pressure, throughput speed, grinding contact, etc., but also the working conditions, the available tools, the operator's know-how, etc.*
  Our finishing specialists will come to your location, with no obligation, and show you that with our innovative products, problems with any kind of finish are a thing of the past.

- *A permanent stock of more than 10,000 technically advanced grinding materials in our US-based inventory.*

- *An extensive workshop where customisation is the norm and where Cibo is constantly coming up with new and innovative solutions.*

- *Unique tools, developed in-house, that will lift your finish to the next level, guaranteed.*

HOW TO READ THE CATALOG

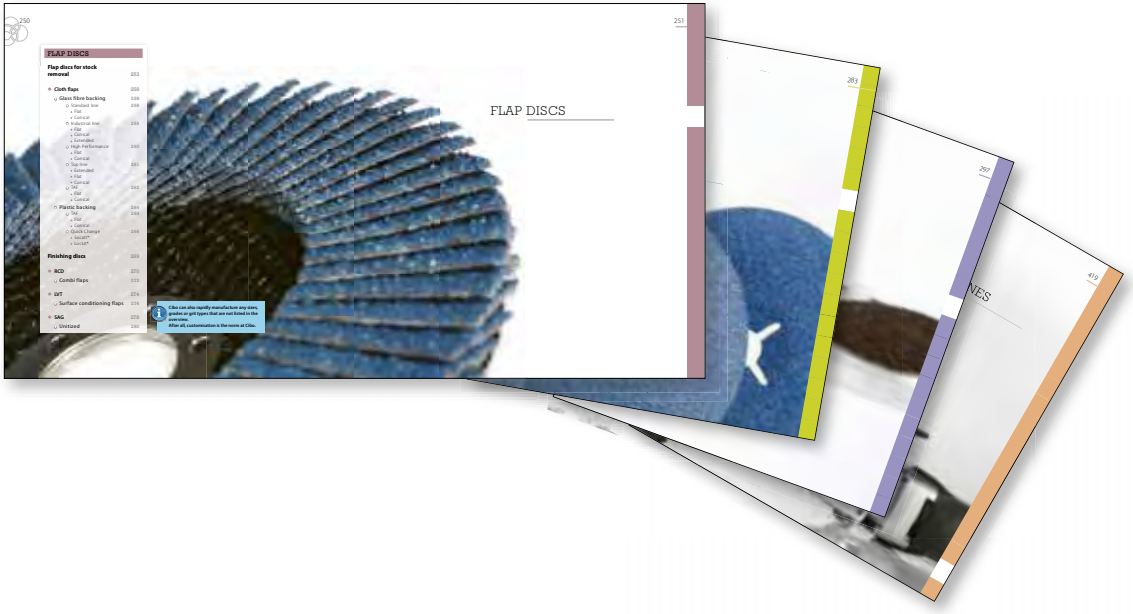
How to read the catalog

To make it easy for you, we have divided all our products in this catalog into categories, according to their shape.

We can distinguish :

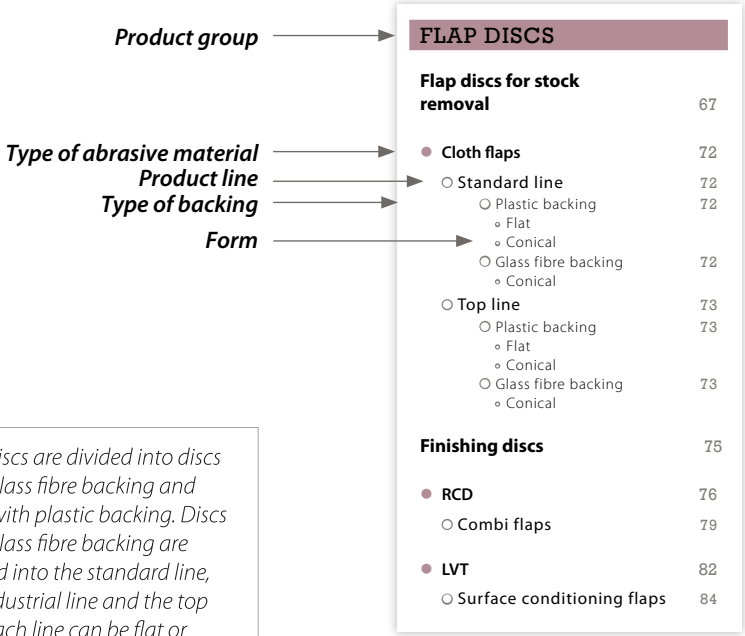
- KITS
- FLAP DISCS
- UNITIZED - REBEL ONE
- FINISHING WHEELS
- MATERIAL OVERVIEW TABLE
- DISCS
- BELTS
- SHEETS
- ROLLS
- CUTTING AND GRINDING
- FIBRE DISCS
- POLISHING MATERIALS
- CLEANING PRODUCTS
- MACHINES
- ACCESSORIES

All product groups have their own color, so they are easy to find.



SCHEMATIC OVERVIEW

Each chapter is preceded by a schematic overview of the division within each product group.



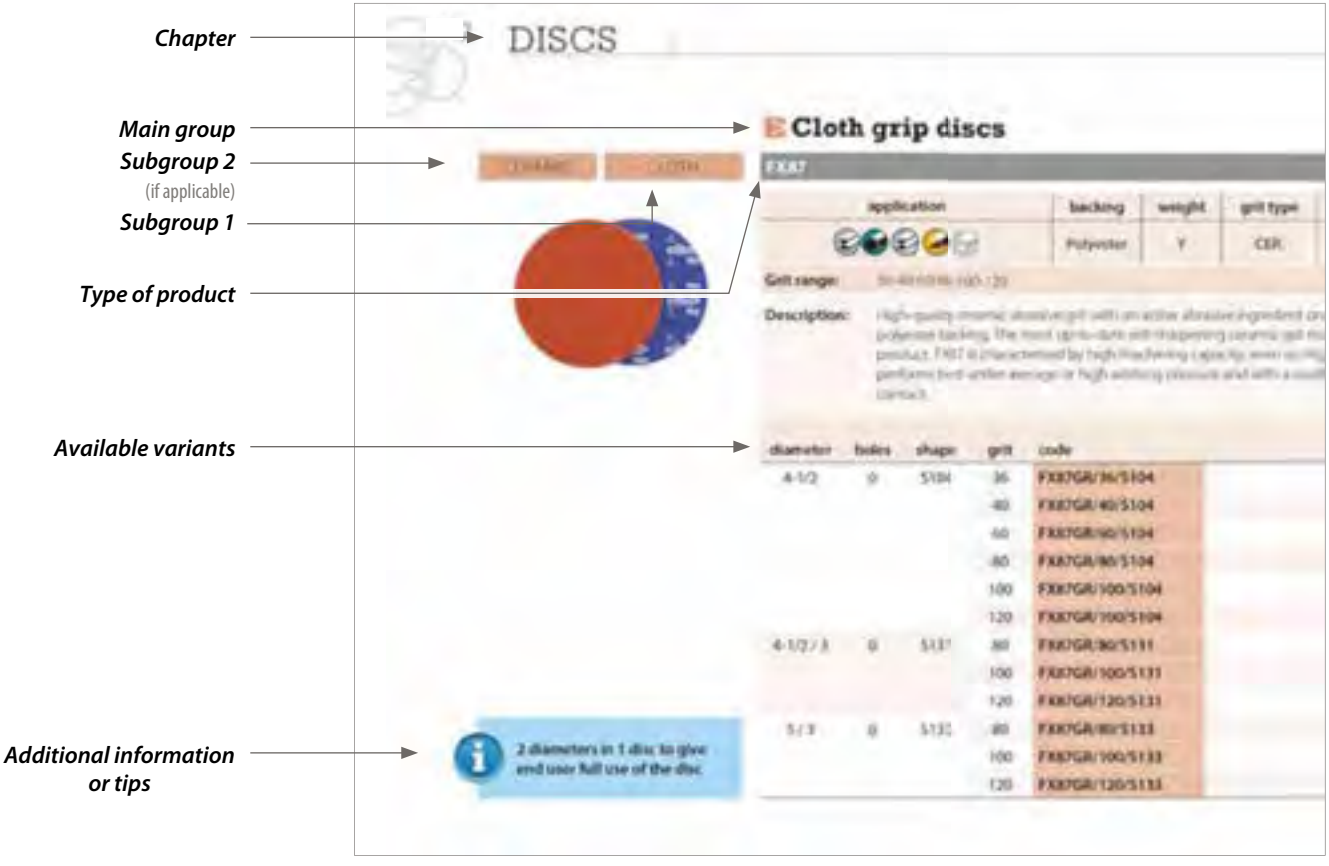
Flap discs are divided into discs with glass fibre backing and discs with plastic backing. Discs with glass fibre backing are divided into the standard line, the industrial line and the top line. Each line can be flat or conical, …

After this schematic overview, a brief introduction is provided for the product group. Here you will find information about the product applications, the ideal conditions for use, certain tips about the use of the products, etc.

PRODUCT TABLE SCHEMATIC

All chapters are subdivided into groups. This subdivision is structured in exactly the same way for all product groups. The main group is named in the table heading. The colored frames left or right of the table are subgroup 1 and subgroup 2 (in case a second frame is present). At the end, you will find the last subdivision, the type of product, in the grey heading.

In order to help you choose a product from our extensive range, the properties of each product are indicated below the type of product, as well as what the products can be used for.



A green dot next to the item number indicates that this item is in stock. These items are always immediately available. The items with a blue dot next to the item number are manufactured to order. For these items, shipping time is about 5 working days.

An orange dot shows that the terms of delivery for these items always has to be confirmed by Cibo. The terms of delivery can vary from 1 day to 12 weeks depending on the conditions and the product you need.

LEGEND: STOCK STATUS

● = available from stock ● = consult for leadtime

Tex flap wheels

FINIMASTER BASIC AND OTHER BURNISHING MACHINES - DOUBLE KEYWAY

Applications:
- Cleaning
- Satinising
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- Removal of rust and oxidation

To be mounted on: Finimaster Basic and other satinising machines

diam.	width	center hole	grit	code	max RPM	stock	
Ø 4	2	Ø 3/4	80	FMTA/CO/10050	5,700	●	2
	2	Ø 3/4	180	FMTA/ME/10050	5,700	●	2
	2	Ø 3/4	280	FMTA/F/10050	5,700	●	2
	2	Ø 3/4	400	FMTA/VF/10050	5,700	●	2
	2	Ø 3/4	600	FMTA/UF/10050	5,700	●	2
	2	Ø 3/4	CP	FMTA/CP/10050	5,700	●	2
	4	Ø 3/4	80	FMTA/CO/100100	5,700	●	1

Stock status

Packing unit

Are you looking for a product in a specific material or with measurements that are not mentioned in our catalog? No problem! Made to order is the norm here at Cibo! In our Tildonk branch, we have a permanent supply of more than 10,000 technically advanced grinding and sanding materials in stock, along with an extensive production plant, where we can manufacture abrasive materials in all shapes and sizes within five working days.

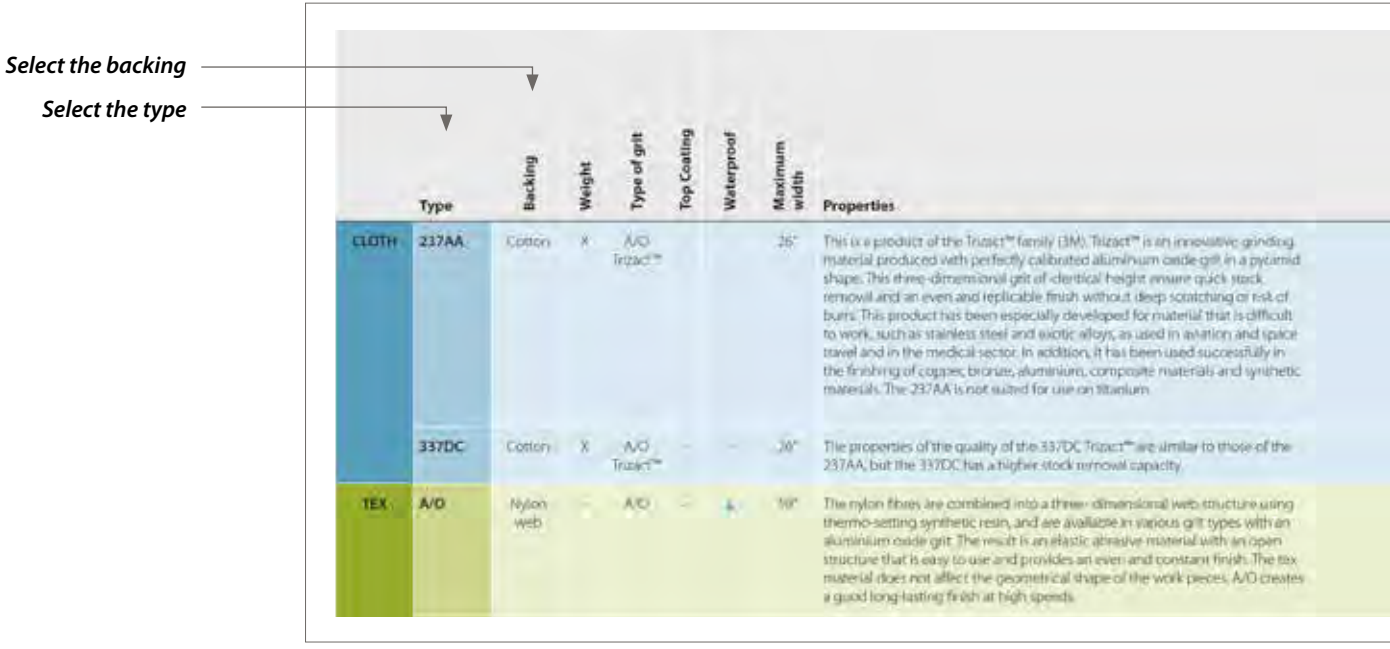
BELTS, DISCS, SHEETS & ROLLS

The layout of the belts, discs, sheets and rolls chapters deviates slightly from that in the other chapters in this catalog.

Given the fact that we can manufacture belts, discs, sheets and rolls in practically any material and size, the catalog displays the most common sizes. Does the catalog show a certain belt type, disc, sheet or roll you wish to purchase in another material, or do you require a different size? Please do not hesitate to contact our Cibo colleagues, your order can be made tot order within 5 working days.

Belts, discs, sheets and rolls are all manufactured from the same basic materials. At the start of each chapter, you will see a total overview of the available basic materials: paper, cloth, tex and surface conditioning. This diagram contains, amongst other things, the weight of the backings, the grit size range per type of material, the top coating applied to the material, the water resistance of the material, the properties of the various materials and an extensive overview of the applications for each type of material.

Each of these chapters starts with an overview of various applications. This diagram lists the most recommended sizes for those applications. Simply look at the material you want to work on and you will be referred to the page where you can find the desired product. Caution: this tabel only displays the grades that are most suited for that specific application according to Cibo. If you still require a more elaborate overview, it is best to return to the total overview of the available basic materials at the start of these four chapters.



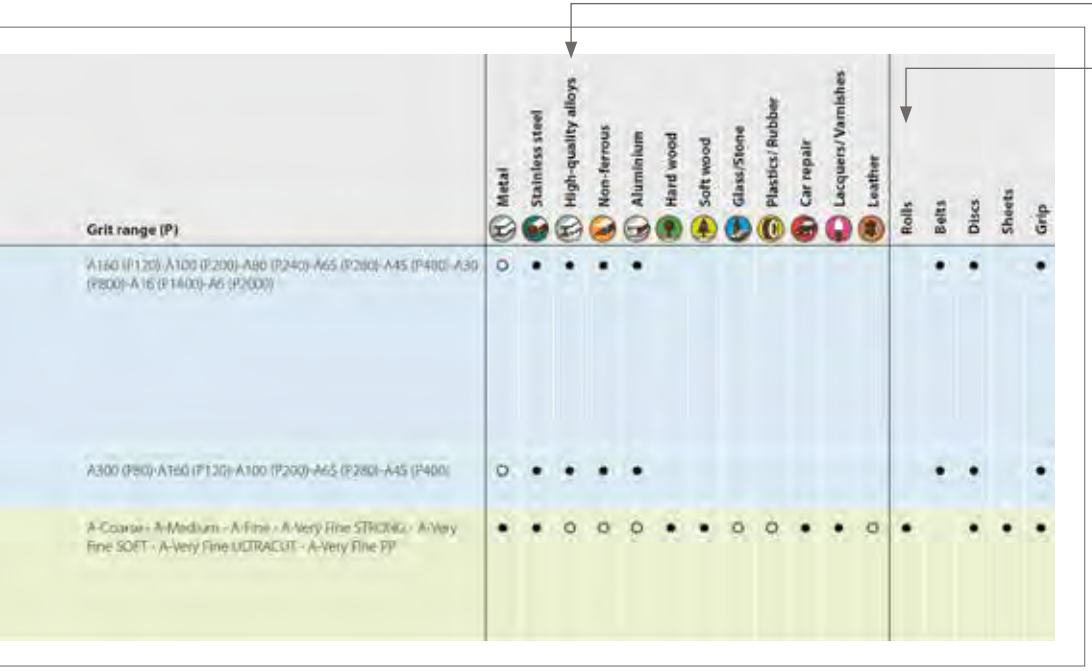
APPLICATION SYMBOLS

Metal
Aluminium
Plastic & Rubber
Stainless steel
Hard wood
Car repair
High quality alloys
Soft wood
Lacquers & Varnishes
Non-Ferrous
Glass & Stone
Leather

Materials in color = Recommended materials
Materials in grey = Possible materials

Select the application

Select the form



GENERAL INFO

GENERAL INFO

GENERAL INFO

Introduction

Abrasive materials on a flexible backing are used in nearly all sectors of the processing industry. The best known application for many years has probably been for woodwork. A wide variety of applications in addition to this was later developed. These applications are mostly situated in the metallurgical sector in the broad sense of the word, but very advanced applications also exist for working stone, glass, plastics and leather.

Without flexible abrasive materials there would be no cars, trains or airplanes, no computers, no petroleum refineries, no houses, furniture or interiors, no medical implants; there would be no surgery, sanitation or design; and the list goes on and on. In short, without flexible abrasive materials our daily lives would be completely different.

CONSTRUCTION OF ABRASIVE MATERIALS

The development of flexible abrasive materials has continued over the years.

Hence the current abrasive materials on a flexible backing are of a high technical standard. New grit types, new and improved bases, sophisticated resins and high-tech active abrasive ingredients provide each product with highly specific and advanced properties.

We can distinguish **2 large families**:

- conventional abrasive materials on a flexible backing (p. 27)

- three-dimensional abrasive materials (p. 45)

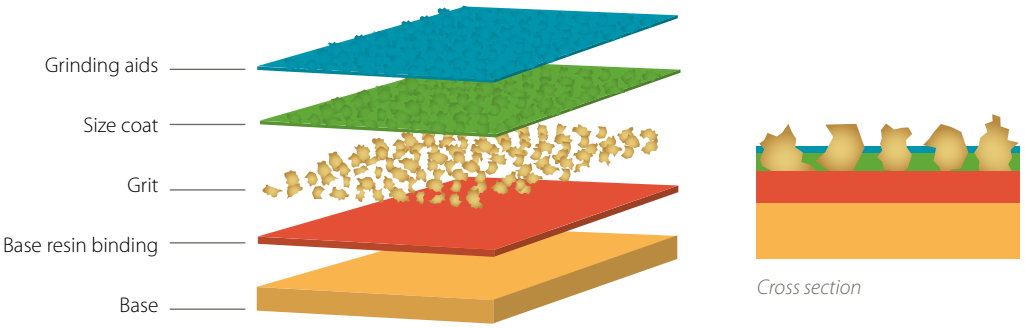
- **Conventional abrasive materials on flexible base**
  - → Construction of material
  - ○ Correct storage pays off
  - ○ Choice of joint
  - ○ The right choice and application

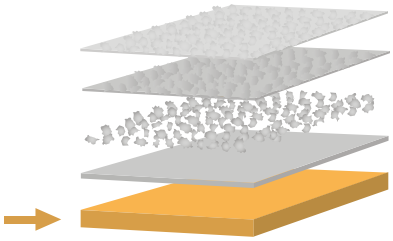
Conventional abrasive materials on flexible base

CONSTRUCTION OF MATERIAL

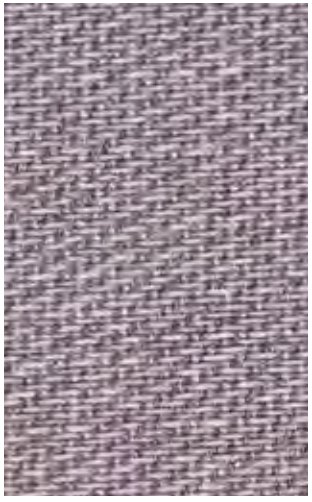
The classic abrasive materials are built up in layers. The ingenious construction of the various layers determines the technical properties and the final quality of the end product. In principle, a conventional abrasive material consists of 4 to 5 layers. The lowest layer is the backing. The various backings largely determine the flexibility and the strength of the abrasive material. A glue layer is applied to the backing. Subsequently, the grit is spread onto the resin layer. An ingenious technique ensures that the grit with the sharpest edge is always placed uppermost in the resin layer. The various materials of which the grit consists determine the area of application of the abrasive material. Another resin layer is applied on top of the grit to optimally anchor the grit to the backing. A grinding aid can also be applied as a top layer. This top coating ensures the grinding dust is properly removed during use, and also provides a cooling effect.

In the next pages you will find information about which parameters determine the properties of the different abrasive materials and how you can select the material that is best suited for your application.





Cotton



Polyester

BACKING

Cotton and polyester

Cotton and polyester bases are reasonably tear-resistant and durable. For that reason, they are mainly recommended for use with heavier and/or specific technical applications. Their properties are indicated with a letter.

F -base:

This backing is highly flexible and is primarily used for manual applications, in the shape of rolls or sheets.

J -flex and J -base:

This is a highly flexible cloth, but with specific technical properties for use in continual grinding belts. The backing is primarily used for work where the finish is more important than removal of material. Grinding cloth with a J-base is most often used in combination with softer contact wheels or grinding shoes at low pressure.

X -base:

The X-backing is the most universal. It is used for both coarse and fine grit and is usually only suitable for dry use. The X-cotton, however, can also be treated so that it is water-resistant and can be used with cooling liquids. You will find these in the overview with the code X/W.

H -base:

This is a polyester backing with an average hardness. Polyester is very difficult to tear, it is resistant to heavier loads and can be used both wet and dry. It is a very stable base.

Y -base:

This backing is heavier than the "H" version and is primarily used for highly demanding applications, where heavy to extremely heavy machining is required. This version can be used both wet and dry and is resistant to high temperature.

Polyester cotton:

The last few years we have seen more and more backings consisting of a mixture of polyester and cotton. These backings exist in the "J", and "J-Flex" versions, as well as the "X". Generally, they are less sensitive to stretching and they are better suited to resisting tearing than the same type of cotton bases.

Did you know *that sand paper is not always just sand paper? Very often, what is called sandpaper in common parlance is not paper but abrasive cloth. A base or backing can consist of paper or cotton. There are film bases and mesh bases; there are classic abrasive materials or three-dimensional grinding structures; there are grinding sponges... the list goes on! That is the reason why we at Cibo always use the term flexible abrasive materials, as this term covers the entire range.*

BACKING

Paper

The weight of the paper is an important factor in determining the flexibility and the resistance against tears. The weight is shown by the letters "A" through "F", with "A" standing for the lightest paper and "F" for the heaviest.

A -paper:

80-85 gr/m^2: light and flexible. Is only used with manual applications, both wet and dry and for finer grit types (grit 150 and finer).

B -paper:

90-105 gr/m^2: is not used very often any more.

C -paper:

110-125 gr/m^2: is less flexible than A-paper and is used, amongst other things, for manual applications. Usually, we find C-paper with velcro for use on light hand machines (discs, sheets, deltas).

D -paper:

150-180 gr/m^2: this paper has a reasonably strong backing and is generally used for light hand grinding machines or for manual grinding.

E -paper:

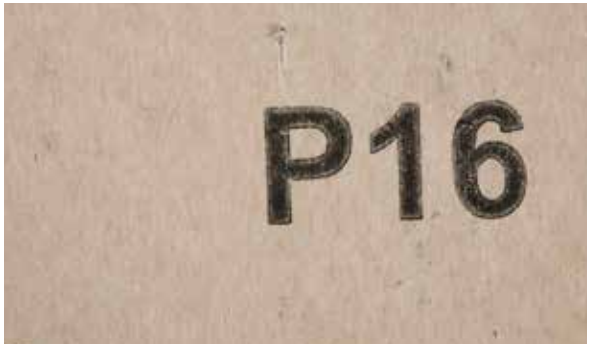
220-250 gr/m^2: this paper with a tough backing is fairly resistant to tearing and, until recently, was the standard for use in heavier applications, such as. discs, belts and wide belts.

F -paper:

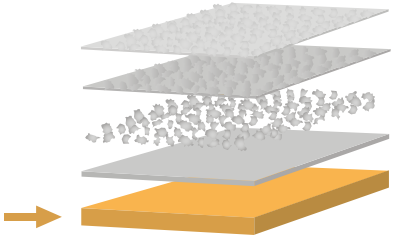
250-300 gr/m^2: E-paper seems to be gradually disappearing and is being replaced by an F-base, certainly with coarser grit types. This backing is ideally suited for heavier applications and wide belts.

Paper

Film



Combination



BACKING

Film

Recently, new grades have appeared with a film bottom layer. The film bottom layer is very similar to the C paper in terms of flexibility. The film material, however, can be used either wet or dry and it is highly tear resistant.

Fibre

This backing is made from multiple layers of impregnated paper. Fibre is reasonably inflexible, hard and tear-resistant. It is primarily used for the production of grinding discs. In the production of abrasives with a coarser grit where a heavier and faster action is important, a thickness of 0.08 mm is used. For finer grit, thicknesses up to 0.65 mm are current, but Cibo discs always are 0.8 mm thick. Fibre discs always have to be used with a suitable back-up pad.

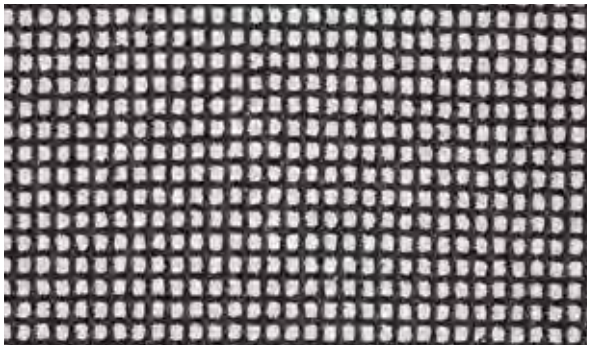
Combination

Combination bases consist of E or F paper reinforced with a light film to prevent tearing. A combination of grades is most often used in coarse grit with an open grit structure, for the grinding of old floors and parquet. In addition, wide belts are used in the chipboard industry.

Mesh

Mesh is an open polyester web structure to which grit is anchored on both sides. Due to its unique structure, this material is not easily saturated. It is therefore very suitable for the grinding of paints, lacquers, varnishes, filler,…

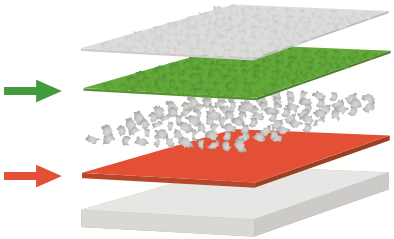
Fibre



Mesh

Synthetic resin binding

- Less flexible than animal glue
- Heat-resistant
- Moisture-resistant
- Very strong grit binding
- After application of the first layer of resin in which the grit is anchored, a first polymerisation takes place. Afterwards, the second layer of glue is applied.

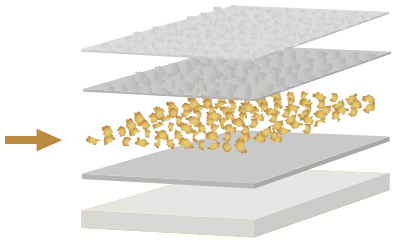


GRIT

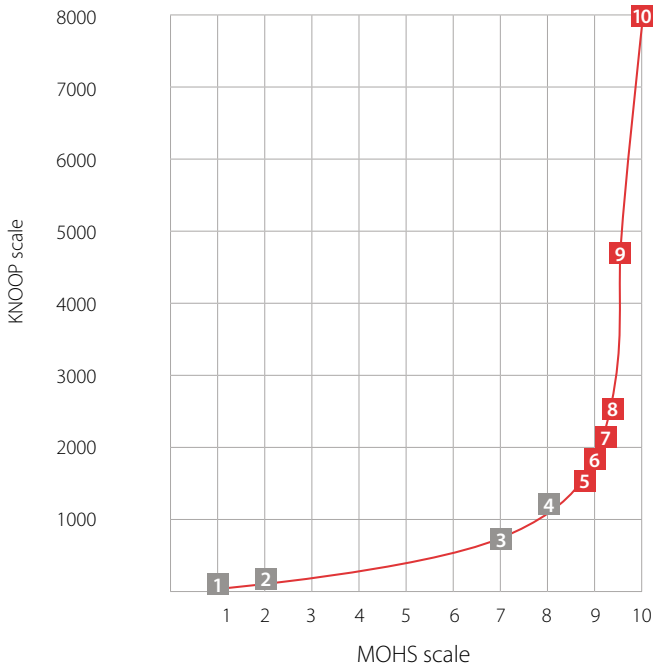
The stock removal capacity of the grit is determined by its shape, structure, hardness, toughness, fragility, heat-resistance and orientation.

The hardness of a grit is usually determined according to **the Mohs scale** and/or **the scale of Knoop**. On the opposite page you will find a comparative scale of the most important grit types.

Besides its hardness, the toughness or friable of the grit is possibly even more important for the evaluation of a grit efficiency in a specific application. The more fragile the grit is, the less pressure is required to break it and create new, sharp cutting edges. Less pressure leads to lower heat generation and an improved level of finish. A higher level of fragility is, in turn, responsible for a shorter lifespan. In the list on the next page, you can read which grit types are the quickest to break.



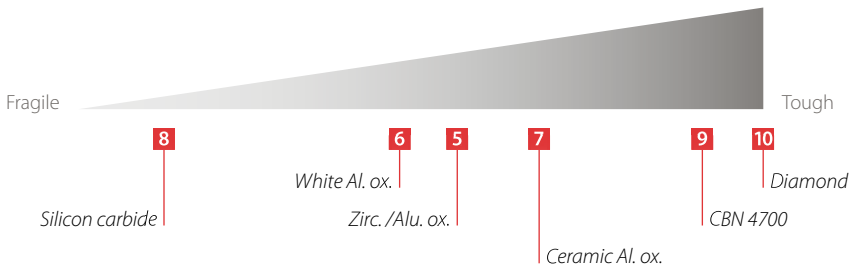
Mohs-Knoop hardness scale



Mohs	Knoop	Grit
1	100	Talc
2	150	Gypsum
3	820	Quartz
4	1100	Topaz
5	1600	Alumina zirconia/Aluminium oxide
6	1950	White aluminium oxide
7	2100	Ceramic aluminium oxide
8	2480	Silicon carbide
9	4700	CBN 4700
10	8000	Diamond

= common grit types

Scale fragility / toughness



GRAIN

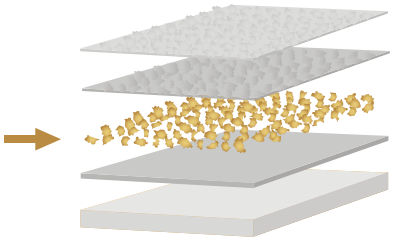
Types

There are 3 grit types.

The conventional or singular grit type

The compact or composite grit type

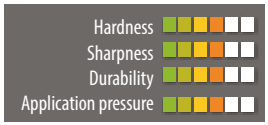
The geometrically composed grit type
Trizact™ / Norax™



GRAIN

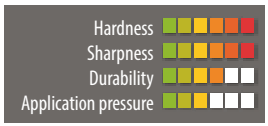
Types

Aluminium oxide



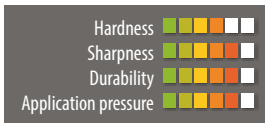
Aluminium oxide has a simple, crystal structure, and is, on average, hard and abrasion-resistant, but it is less sharp than other grit. Aluminium oxide is less tough than alumina zirconia and therefore requires less pressure. Heat generation can rise significantly when this grit is used. It is therefore better to use aluminium oxide with metals that are heat- resistant.

Silicon carbide



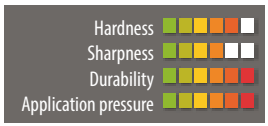
This grit is definitely the hardest and sharpest in the range, but it is also very fragile. This rather limits its lifespan. On the other hand, due to its hard and sharp properties, it is ideally suited for working titanium and cobalt alloys, such as Inconel. Silicon carbide also provides very good results on glass and stone. Due to its specific properties, little pressure is required to work efficiently with this grit type. As a result, little heat is generated. Silicon carbide is an ideal partner for working heat sensitive materials such as most non-ferrous materials, copper, brass, bronze, aluminium, etc., but also plastics, rubber, chipboards and MDF.

Alumina zirconia

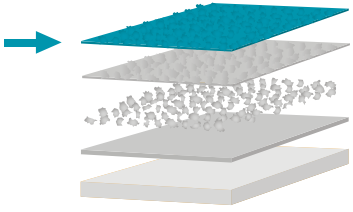


The alumina zirconia grit is medium hard, but is very sharp, very tough and has a good resistance against heat. This makes it the ideal grit for heavy machining under heavy to very heavy pressure. Due to the heavy pressure and under the influence of heat, the grit breaks open and this constantly creates new cutting edges. This prevents the grit from becoming blunt prematurely. The alumina zirconia grit achieves its best performance with coarser grit (24-80).

Ceramic grit



Ceramic grit has a micro-crystalline structure and is hard and tough, but at the same time it is also sharp. Due to the micro-structure, the grit already starts to break under low to medium pressure. The new cutting edges make sure the machining capacity of the grit diminishes little during the belt's lifespan. The properties of the ceramic grit can, however, change in an adverse way under the influence of heat. For this reason, active grinding ingredients preventing heat build-up are often added to this grit.



GRINDING AID

Grinding aids are used to try to reduce heat generation during the grinding process, to prevent the grit from becoming saturated and to improve the abrasive properties of the abrasive material.

- **Zinc stearate:** this coating is applied on top of the top glue layer and reduces friction with the grinding surface. This causes the grit to absorb less quickly and makes it possible to grind with reduced heat generation.
- **Chemical coatings:** usually based on potassium or sodium. These coatings are either added to the top glue layer or as a third coating after the top glue layer has been applied. Primarily, these minerals have the capacity to prevent the buildup of heat and contamination. This has a positive impact on the performance of the abrasive material.

ANTISTATIC TECHNOLOGY

During the grinding process, the abrasive material is positively loaded, while the machine, the grinding belt and the workpiece are negatively loaded. This is primarily the case for grinding wood, polyester, lacquers, varnishes, etc. (bad conductors). This is the reason why the abrasive material sticks tightly to the grinding machine and belt as well as to the workpiece. As a result, it is difficult to remove and vacuum the dust. Sandpaper which is manufactured using antistatic production technology prevents the grinding dust from being electrically loaded. This makes it a lot easier to vacuum the grinding dust.

The advantages are therefore obvious :

- Longer lifespan of the grinding belt because it does not become quickly saturated.
- Increased cutting capacity of the grit
- Better level of finish
- Lower maintenance and energy costs
- A healthier and more pleasant working environment

All paper grinding belts provided by Cibo were perfected using antistatic technology.

CORRECT STORAGE PAYS OFF

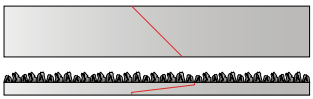
Abrasive materials on a flexible base are extremely sensitive to proper storage. More often than not, this receives too little attention. Nevertheless, proper storage pays off immediately. This will considerably increase the lifespan and the performance of your abrasive material.

- Ambient temperature: 61 - 75 °F
- Relative humidity: 40 - 70 %
- Never store directly on a stone base or concrete floor.
- Never store in the vicinity of windows or outside doors.
- Never expose to direct sunlight, heat or freezing temperatures.
- Store in original packaging until use.
- Once unpacked, store in such way that distortions are prevented.

CHOICE OF JOINTS

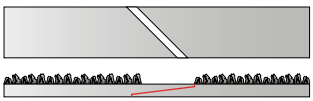
The quality of the finish is determined to a large extent by the correct selection of the joint. At Cibo, you have no fewer than 6 different joints to choose from. Cibo designs its joints automatically according to the selected quality of the abrasive material, the grit and the application. Simply on request, Cibo will create a design based on your specific requirements, as indicated below.

Overlap-ST



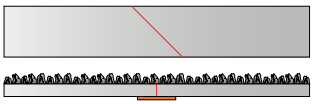
This is the standard joint for all grinding belts on a paper backing. With this type of joint, Cibo guarantees a joint without any thickness, resulting in a perfect finish, even when using very fine grit types.

Overlap-EX



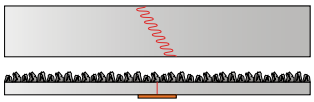
Identical to overlap ST, but with completely ground-away upper side.

BB



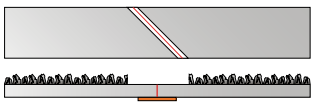
Cibo chooses this type of joint for all grinding belts on a cloth and polyester backing. The Kevlar tape used is available in several variations and thicknesses and is adapted to the selected grit type, the base type and the angle of the joint. This joint guarantees a perfect grinding result and allows you to use the grinding belt in either direction, without any risk.

BB-ZZ



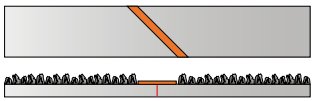
Also called a finger joint or dovetail joint. Both ends of the joint are put together in a zigzag shape and reinforced along the back with Kevlar tape. This joint is generally used for very fragile applications, e.g. grinding thin types of glass.

BB-EX



Identical to BB joint, but with ground-away upper side. The upper side is ground away 5 mm more than the underlying Kevlar tape. This joint is sometimes useful when working on very hard material on an extremely hard grinding surface.

BB-SO



BB joint whereby the Kevlar tape is applied along the top instead of the bottom. For this purpose, a strip of grit the width of the Kevlar tape is removed off the upper side.

THE RIGHT CHOICE AND APPLICATION

The best grinding result is achieved through correct analysis of the working environment. In order to select the most suitable abrasive material, it is therefore also very important for the primary user parameters to be set correctly or be known.

Important parameters:

- The material to be ground
- The desired level of finish
- The number of intermediate steps
- The base material
- The binding
- The grit size
- The grit type
- Whether or not grinding aids are present
- The hardness, type and diameter of the wheel
- The circumference speed or the belt speed
- The throughput speed or movement of the workpiece
- The pressure exerted
- The use of cooling agents
- The shape to which the abrasive material is to be applied.
- The available machines and their capacity
- The grinding motion

Did you know *that saving time is a concept that has been important to Cibo for many years? In the development of new abrasive materials, strong emphasis is placed on saving users' time. Only the best will suffice for Cibo customers. That is why all Cibo products have been tested extensively, and we offer only those products that provide the best performance in terms of price and quality.*

Factors that influence the aggression of flexible abrasives

State of the grinding belt

- new (is primarily valid **for the first 30% of the lifespan)**
- already used

- hard or inflexible backing
- flexible or soft backing

Grit type

- coarse grit
- finer grit

- Ceramic
- Silicon carbide
- Alumina zirconia
- Aluminiumoxide

Contact wheel

- hard
- soft

- small
- large

- large grooves
- small grooves
- smooth

Speed

- high belt speed
- lower belt speed

- slow throughput speed of the workpiece
- fast throughput

Pressure

- high work pressure
- decreased work pressure on the workpiece

- Limited hardness of the material to be processed
- high hardness

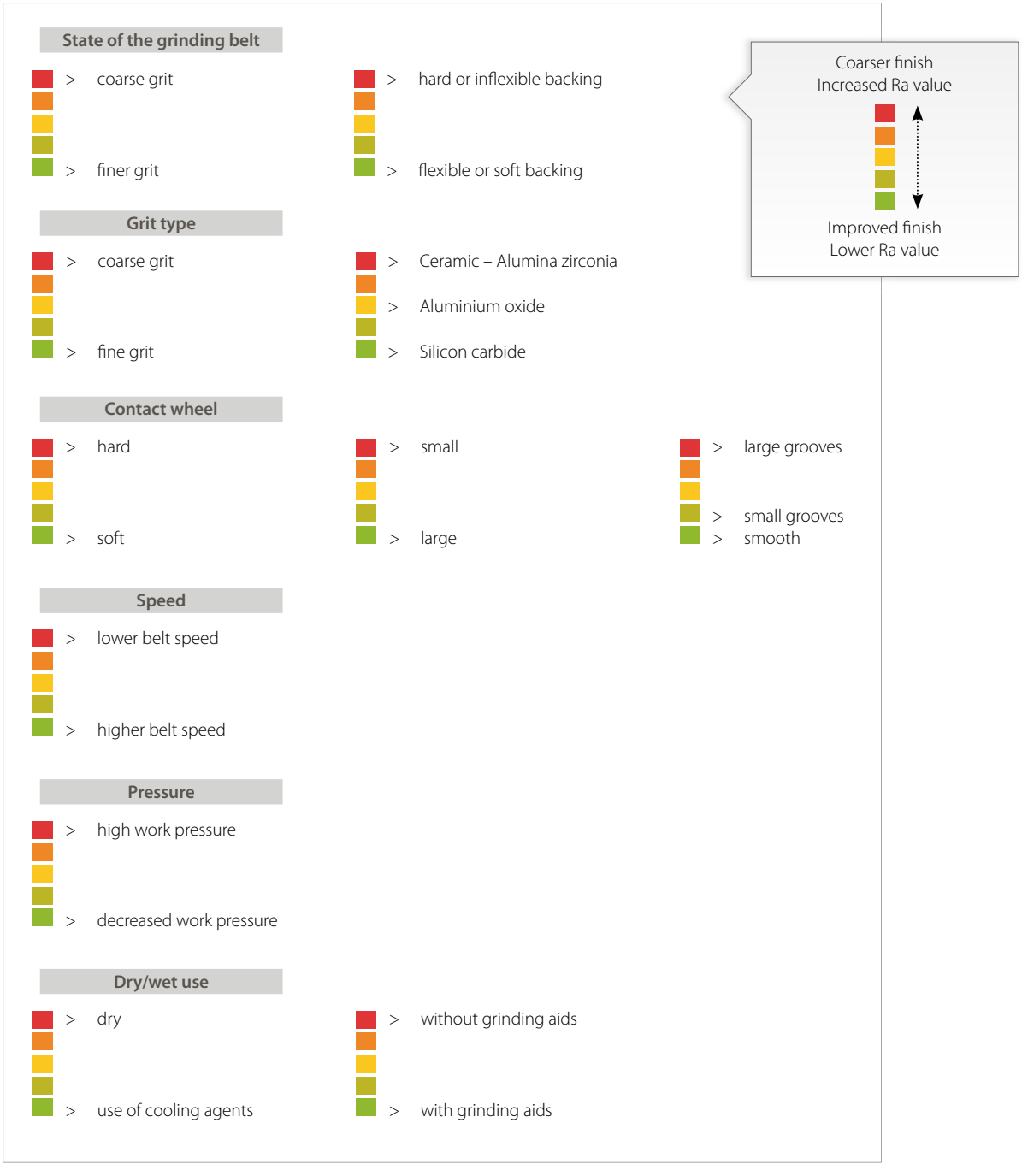
Dry/wet use

- dry
  (dry grinding provides increased material removal at the start, but it considerably shortens the life span of the abrasive material)
- use of cooling agents or lubricants

Quick material removal
High machining capacity

Slow material removal
Decreased machining capacity

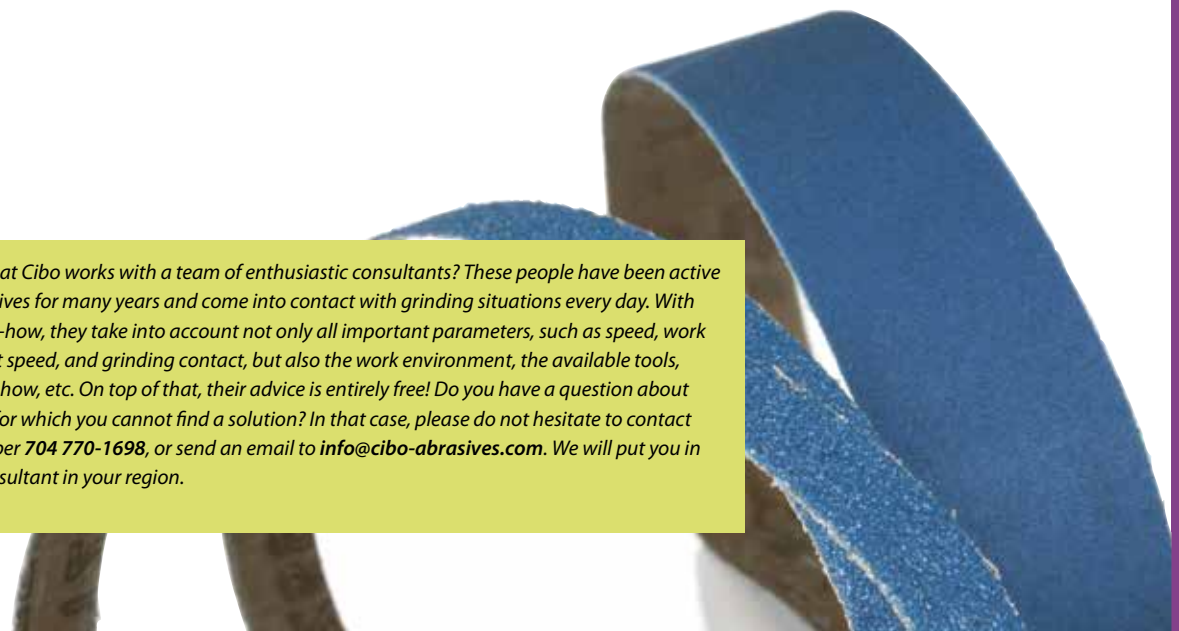
Factors that influence the level of finish of the workpiece



Belt speed

The belt speed is a very important parameter. It has an impact on the abrasive capacity, the lifespan of the grinding belt, the heat generation and the quality of the finish. The table alongside contains the belt speeds recommended by Cibo for a number of materials to be worked.

Material to be worked	Belt speed in sfpm
Stainless steel, tool steel, high speed steel	3,600 – 6,000 sfpm
Cast iron, carbon steel	5,000 - 9,000 sfpm
Non-ferrous metals, copper, brass	5,000 - 7,000 sfpm
Aluminium, zinc	3,600 – 6,000 sfpm
Hard and hardened steel	1,600 – 3,000 sfpm
Titanium and titanium alloys	2,000 – 5,000 sfpm
Glass, ceramic materials, stone	1,600 – 2,800 sfpm
Plexiglass	10,000 – 2,800 sfpm
Plastic and rubber	2,000 – 3,600 sfpm
Wood	3,000 – 5,000 sfpm
Lacquers, varnishes	1,600 – 3,000 sfpm



Did you know *that Cibo works with a team of enthusiastic consultants? These people have been active in the world of abrasives for many years and come into contact with grinding situations every day. With their extensive know-how, they take into account not only all important parameters, such as speed, work pressure, throughput speed, and grinding contact, but also the work environment, the available tools, the operators' know-how, etc. On top of that, their advice is entirely free! Do you have a question about a grinding problem for which you cannot find a solution? In that case, please do not hesitate to contact Cibo on phone number* ***704 770-1698****, or send an email to* ***info@cibo-abrasives.com****. We will put you in contact with the consultant in your region.*

- **Three-dimensional flexible abrasive materials**
  - Specific properties
  - Specific sanding work

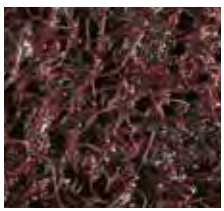
Three-dimensional flexible abrasives

Tex (nylon)

Nylon fibres are combined into a three-dimensional web structure using a thermo-setting synthetic resin. Grit is anchored in the synthetic resin. The result is an elastic abrasive material with an open structure. This tex abrasive material tears easily and has limited mechanical resistance. It is mostly used for manual applications in the form of sheets and rolls. The tex material does not affect the geometrical shape of the work pieces.

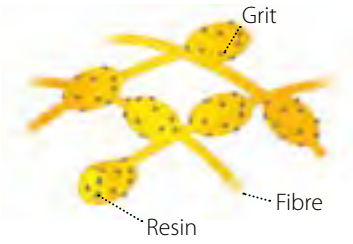
Nylon Floorpads

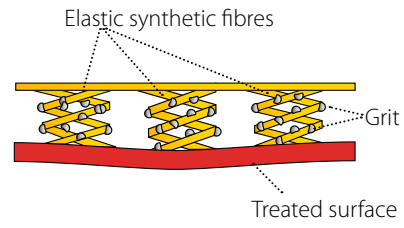
This nylon is made from a very thick web structure and was specially designed for cleaning or polishing floors. For this purpose, discs are placed under a special floor grinding machine. This quality is made in various colors. Each color stands for a specific grade of abrasiveness. The darker the color, the more abrasive the grade. Thus, black is the coarsest and white the softest quality.



Reinforced tex (Surface conditioning)

Reinforced tex is an open nylon web, permeated with grit, which is anchored on a woven polyester structure. This provides the material with greater resistance against stretching and tearing and can also be used to create endless grinding belts.





SPECIFIC PROPERTIES

Three-dimensional flexible abrasive materials have very specific properties:

- Can be used both wet and dry.
- Adapt extremely easily to the workpiece.
- Non-absorbent due to the open web structure.
- Do not contain any iron and are therefore ideal for working, amongst other materials, stainless steel.
- Create a constant and even finish.
- Are forgiving, can also be used by inexperienced users.
- Serve as the basis for a wide variety of derivative products:
  - open and closed grinding belts (p. 156)
  - discs, whether or not laminated on fibre, cloth or velours (p. 144)
  - disc grinding wheels with spindle or centre hole (p. 129)
  - flap grinding wheels with spindle or centre hole (p. 127)

- **Three-dimensional flexible abrasive materials**
  - Specific properties
  - Specific abrasive operations

Did you know *that forgiving grinding materials are always compressed materials? They are characterised by low generation of heat, a high machine capacity and a high finish.*

SPECIFIC ABRASIVE OPERATIONS

Due to the wide diversity of applications, versions and grit sizes, the three-dimensional abrasive materials can be used successfully for working practically any material you can think of, e.g. stainless steel, aluminium and non-ferrous metal, metal, titanium and cobalt alloys, lacquers, paints, varnishes, wood, stone, plastics, parquet flooring, stone and synthetic floors, etc.

Whether dealing with cleaning, grinding, satinising, structuring, matting, roughing up, brushing, removing down, fluff, remove rust, light deburring, etc, three-dimensional abrasive materials can undertake this easily.

Did you know *that the development of new and innovative grinding techniques is very important to Cibo? Cibo turns grinding materials into solution- oriented products. Using, processing or combining materials in a different manner, Cibo has succeeded time and again in launching innovative grinding materials onto the market.*

- **Three-dimensional semi-flexible abrasive materials**
  - Convoluted materials
  - Unitized materials

Three-dimensional semi-flexible abrasives

CONVOLUTED ABRASIVES

Convoluted abrasives are only produced in wheel form. The convoluted wheels consist of impregnated tex nylon membrane which is glued on to a hard core and convoluted layer by layer into a homogenous wheel with a controlled density.

Properties:

- Soft grinding contact for comfortable working.
- Fixed, even density.
- Entirely free from iron, i.e. ideal for working stainless steel and other materials.
- Adapts to the workpiece in a flexible manner.
- Ideal combination of lifespan, material removal and level of finish.
- Cooler grinding.

Caution! The convolute wheels can only be used in 1 direction. Therefore, you always have to follow the instruction on the disc label.

UNITIZED ABRASIVES

The range of compressed abrasive materials or unitized material makes up a new generation of abrasive materials. They consist of a three-dimensional web of nylon fibres, permeated with abrasive grit in a synthetic resin, ingeniously bonded together. Under controlled heat and pressure they are pressed into fixed sheets of a controlled density. Subsequently, these sheets are used to produce wheels and discs.

Unitized abrasive materials exist in various thicknesses, sizes and densities and they allow you to finish materials in a simple and consistent manner.

Unitized materials also differ from traditional abrasive materials in combining a surprisingly aggressive action with an excellent finish.

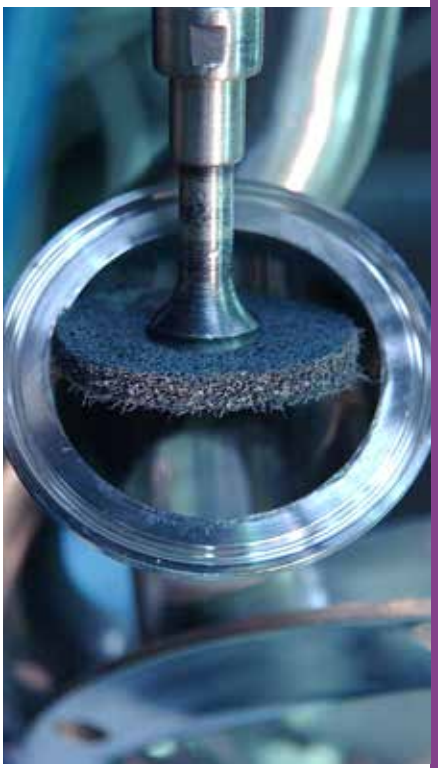
Properties:

- Even and consistent density for a high-quality finish.
- Flexible, capable of adapting to the shape of the workpiece.
- Increased life span.
- Free of iron – safe for stainless steel.
- Residue-free formula, does not leave any "smearing´
- Cooling prevents burnt surfaces.
- Open web structure prevents caking of grinding dust.
- Little dust development.

- **Three-dimensional semi-flexible abrasive materials**
  - Convoluted materials
  - Unitized materials

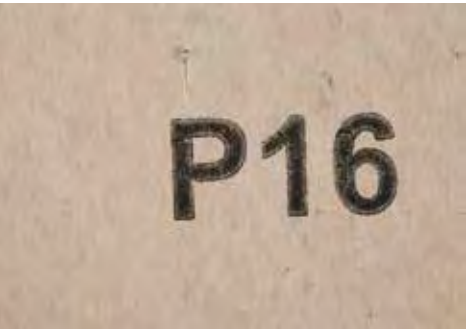
Applications:

- Remove joint discoloration
  Not only the colored haze, but also deeper burnt surface areas that appear on the metal due to heat generation during welding, can be easily removed.
- Angle refraction, deburring and rounding
- Remove TIG welds
- Correction of grinding errors and removal of scratching
  Scratches from sharp objects on the workpiece or grinding errors caused by the use of too rough or incorrect grinding materials can be removed with the use of unitized material, without modifying the geometry of the workpiece.
- Removal of milling lines
  It is often still possible to see the track the milling cutter has followed on milled work-pieces. In order to finish these surfaces,unitized material can be used.
- Remove lacquers and coatings
- Remove rust
- Pre-polishing
  Polishing often requires elaborate preparations. Grinding with unitized material before-hand is an ideal last step for high-gloss polishing which will save you a lot of time and work.
- Turbine blades, propellers and propeller blades
- Improvement of surface roughness
  In the pharmaceutical and food sectors, high demands are placed on the surface roughness of products. With unitized materials, the Ra value of the surface can be man-aged perfectly.



Speed
Please consult the product label each time for our recommended speed.
Too high speed can lead to excessive heat and premature wear.
A correct rotational speed guarantees a maximum yield and better finish.

Grit designation



In Europe, the grit size of flexible abrasive material is indicated according to the FEPA standard. FEPA is the European Federation of Manufacturers of Grinding and Cutting Materials. Each grit designation is preceded by the letter "P". In the United States, the ANSI or CAMI standard is generally used. Japan follows the JIS designation. Besides that, there are a number of other designations like the APEX, for structured grit types like the Trizact™; the various designations for the Micro-Mesh and the Micron designation. In order to obtain a clear picture, please find on the opposite side an overview and comparison of the most frequently used grades. Caution: this conversion table is only a guideline and gives only an indication of approximate values. In the last column, you can read the approximate level of coarseness that can be obtained using a specific grit type.

Did you know *that Cibo has one of the most efficient and best equipped manufacturing plants in Europe? Cibo turns the rolls of basic material into solution-oriented products. At our Tildonk branch in Belgium, Cibo produces grinding belts, discs, wheels, flap wheels, Quick-Change discs, etc. Are you looking for a grinding product with very specific properties? Cibo can produce it for you in almost no time.*

Trizact™ is a registered trademark of the 3M Company.

- **Grit designation**
  - Conversion chart

CONVERSION CHART

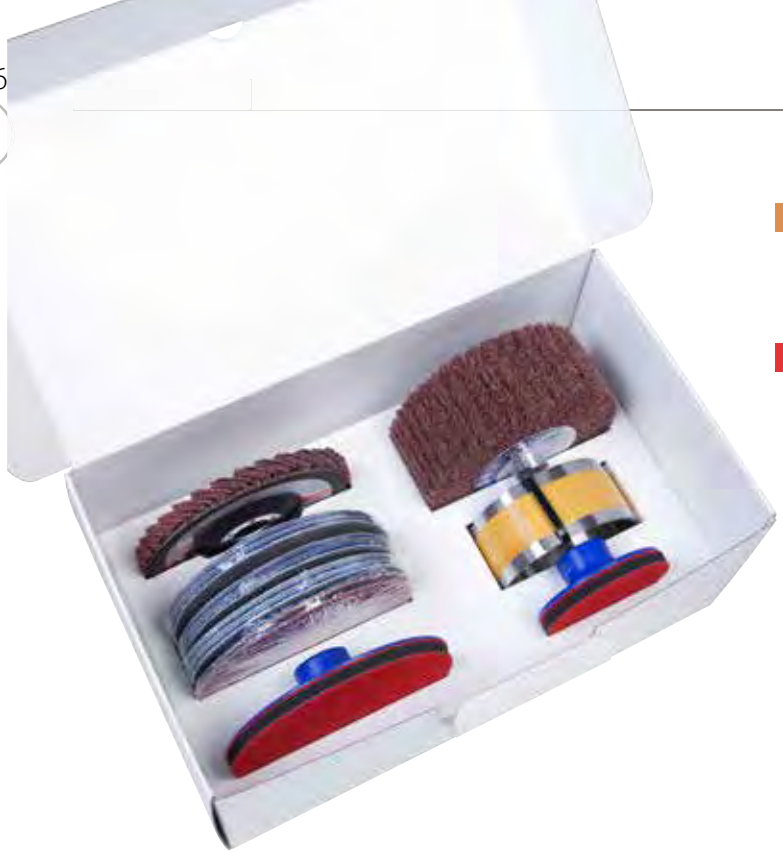
Fepa p	CAMI	Apex (Trizact™, Norax™) or structured abrasives	Mirco-Mesh cushioned abrasives regular	Mirco-Mesh cushioned abrasives mx	JIS (Japan)	Micron	Approxi-mate Ra-values µm *
P80		A-300					
P120	100				J100	125	
	120	A-160					
P150		A-130					
	150						
P180	180				J150	80	
		A-100					1,50-0,80
P220	220	A-90			J180	65	
					J220		
					J240		
P240		A-80			J320	60	
			60			57	
P280							
P320		A-65			J360	52	0,85-0,70
	240						
P360	280		80		J400	45	
	320		100				0,70 - 0,60
P400		A-45	120			42	
					J500	34	
P500					J600	29	0,60 - 0,40
	360		150				
P600		A-35	180				
	400	A-30		180			0,40-0,30
P800			1500		J700	30	
P1000	500				J800	20	
P1200		A-16			J1000	15	
	600		1800	240			0,30-0,25
P1500		A-10	2400	320	J1200	13	
	800						
P2000		A-06				10	0,25-0,20
	1000						
P2500					J2000	9	0,20-0,10
	1200		3200	360			
	1350		3600	400	J3000	8	0,10-0,05
	1500	A-05	4000	600		5	
			6000	800	J4000	4	
		A-03	8000	1200	J6000	3	0,03-0,02
			12000				

* The above Ra values are approximate and were obtained on 304 Stainless Steel with conventional cloth sanding belts, with a contact wheel of 60° Shore and a belt speed of 5,000 sfpm. When the same grit is used in disk form, a better smoothness value is obtained, and hence lower Ra values.

KITS

KITS


TIME
SAVING
KITS
cibo
OUTSIDE BOX SECTIONS
angles extérieurs droits • Gehrung und flache Außenwinkel satinieren
01
TIME
SAVING
KITS



Time Saving Kits

THE PERFECT FINISH IN A BOX!

For any challenge in the field of abrasives, Cibo offers a solution. With decades of experience in this field, Cibo has built a huge stock of knowledge in abrasive materials and techniques. And now, through its "Time Saving Kits", Cibo has made this knowledge available to you.

Our team of specialists in abrasives has created six solutions for you, specifically for working with stainless steel. With these kits, you can familiarise yourself with the exceptional features and capabilities of Cibo's innovative products. The kits will also help you quickly and easily achieve a professional result.

PACKAGING

In a single kit, you will find everything you need to give your stainless steel workpiece a professional finish.

Inside the box you will find a sophisticated range of innovative abrasive products specially made for each specific application.

On the back of the wrapper is a poster-sized step-by-step guide to help you achieve what you want to do. In addition, each kit contains a unique link where you can find detailed instructions packed with useful tips and tricks.

Guide in poster format.

Brush finish of mitres and outside box sections

KIT 1

BRUSHING A COMPLETE BOX SECTION

code	stock	
TSK01B/W	●	1

content	code	description	number
	115VELVZ/W	Back-up pad Ø 4-1/2″	1
	115IT	Interlayer foam Ø 4-1/2″	1
	75VELVZ	Back-up pad Ø 3″	1
	75IT	Interlayer foam Ø 3″	1
	777GR/100/S131	Ceramic grip disc Ø 4-1/2″/3″ grit 100	2
	237GR/160/S131	Trizact® grip disc Ø 4-1/2″/3″ grit A160 (P120)	5
	237GR/65/S131	Trizact® grip disc Ø 4-1/2″/3″ grit A65 (P280)	5
	237GR/45/S131	Trizact® grip disc Ø 4-1/2″/3″ grit A45 (P400)	5
	RCD/ME/115	RCD combined flap disc Ø 4-1/2″ medium	1
	FMCW/80/12050	Combined flap wheel Ø 4-3/4″- width 2″	1
	MHIT	Inoxitape	1

Requirements*:
Finipower SMMS6B/W

** Not included in the kits*

before

after

Complete brush finish of box sections:
For a complete finish, combine these 2 kits

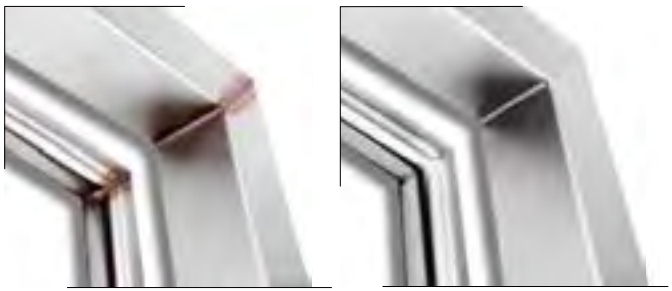
Brush finish of inside box sections and tube joints

BRUSHING A COMPLETE BOX SECTION

KIT 2

code	stock	
TSK02B	●	1

content	code	description	number
	MA8T30	Rebel One Unitized finishing wheel Ø 6" x 1/8" x 1" MA8	2
	SA5T31	Rebel One Unitized finishing wheel Ø 6" x 1/4" x 1" SA5	2
	FORU/60	Sanding block grit 60	1
	FMGRT/AF/60040	Open tex belt with velcro	1



before after

Requirements*:
Finit-Easy

Abrasive file SV19030 +
706GR/24/V006

** Not included in the kits*

Complete brush finish of box sections:
For a complete finish, combine these 2 kits

Complete brush finish of tube joints:
For a complete finish, combine these 2 kits

● = available from stock ● = consult for leadtime

Brush finish of outside tube joints

KIT 3

BRUSHING A COMPLETE TUBE JOINT

code	stock	
TSK03B/W	●	1

content	code	description	number
	RCD/ME/115	RCD combined flap disc Ø 4-1/2" x7/8" medium	1
	FMGRT/AF/60040	Open tex belt with velcro	1
	SAG/5/115	SAG finishing disc Ø 4-1/2" x 7/8" SA5	1

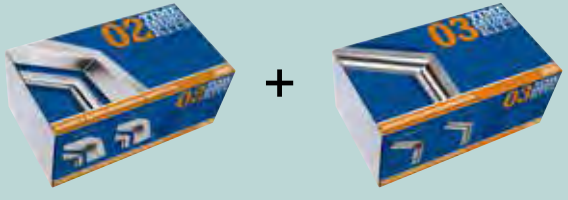
Requirements*:
Finipower SMMS6B/W

** Not included in the kits*

before

after

Complete brush finish of tube joints:
For a complete finish, combine these 2 kits



Polishing of mitres and outside box sections

POLISHING A COMPLETE BOX SECTION

KIT 4

code	stock	
TSK04B/W	●	1

content	code	description	number
	115VELVZ/W	Back-up pad Ø 4-1/2″	1
	115IT	Interlayer foam Ø 4-1/2″	1
	75VELVZ/W	Back-up pad Ø 3″	1
	75IT	Interlayer foam Ø 3″	1
	SAGR/5/S104	Unitized grip disc Ø 4-1/2″ SA5	1
	PVG/H/115	Felt grip disc Ø 4-1/2″	1
	777GR/100/S131	Ceramic grip disc Ø 4-1/2″/3″ grit 100	2
	237GR/160/S131	Trizact® grip disc Ø 4-1/2″/3″ grit A160 (P120)	5
	237GR/65/S131	Trizact® grip disc Ø 4-1/2″/3″ grit A65 (P280)	5
	237GR/30/S131	Trizact® grip disc Ø 4-1/2″/3″ grit A30 (P600)	5
	237GR/6/S131	Trizact® grip disc Ø 4-1/2″/3″ grit A6 (P2000)	5
	FLW12550	Flannel polishing wheel Ø 4-3/4″ - width 2″	1
	RCD/ME/115	RCD combined flap disc Ø 4-1/2″ x 7/8″ medium	1
	PV101	Polishing paste - green	1
	PV102	High sheen polishing paste - pink	1
	PV103	InoxiClean Chalk - Vienna chalk	1

Requirements*:
Finipower SMMS6B/W

** Not included in the kits*

before

after

Complete polish of outside box sections:
For a complete finish, combine these 2 kits

● = available from stock ● = consult for leadtime

Polishing of inside box sections and tube joints

KIT 5

POLISHING A COMPLETE BOX SECTION

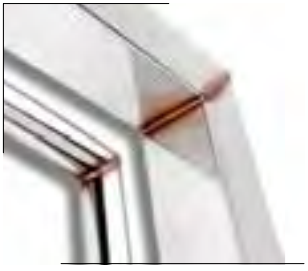
code	stock	
TSK05B	●	1

content	code	description	number
	MA8T30	Rebel One Unitized finishing wheel Ø 6" x 1/8" x 1" MA8	2
	SA5T31	Rebel One Unitized finishing wheel Ø 6" x 1/4" x 1" SA5	2
	MVH5600/T31	Felt polishing wheel Ø 6" x 1/4" x 1"	1
	PV102	High sheen polishing paste - pink	1
	PV103	InoxiClean Chalk - Vienna chalk	1

Requirements*:
Finit-Easy

Abrasive file SV19030 +
706GR/24/V006

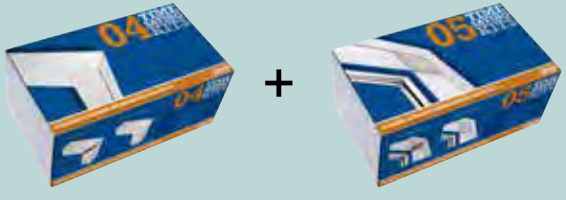
** Not included in the kits*



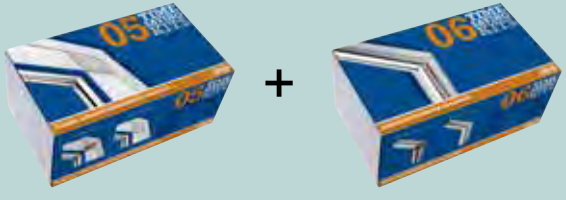
before

after

Complete polish of box sections:
For a complete finish, combine these 2 kits



Complete polish of tube joints:
For a complete finish, combine these 2 kits



Polishing of outside tube joints

POLISHING A COMPLETE TUBE JOINT

KIT 6

code		stock	
TSK06B/W		●	1

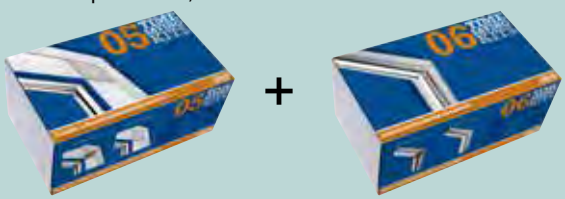
content	code	description	number
	RCD/ME/115	RCD combined flap disc Ø 4-1/2" x 7/8" medium	2
	RCD/VF/115	RCD combined flap disc Ø 4-1/2" x 7/8" very fine	1
	SAG/5/115	SAG finishing disc Ø 4-1/2" x 7/8" SA5	1
	VAP/Z/115	Felt polishing disc Ø 4-1/2" x 7/8"	1
	PV102	High sheen polishing paste - pink	1
	PV103	InoxiClean Chalk - Vienna chalk	1

Requirements*:
Finipower SMMS6B/W

** Not included in the kits*

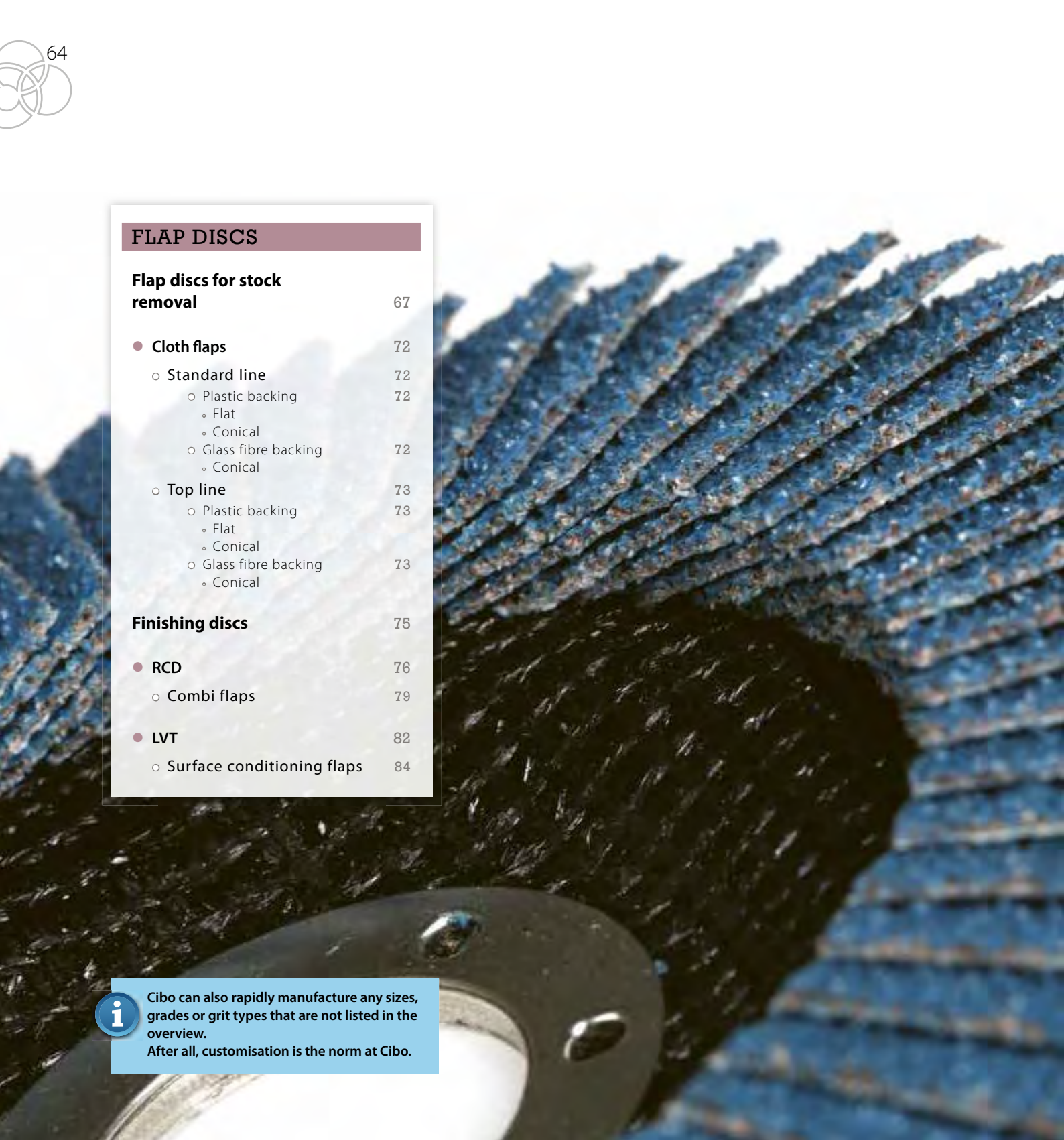
before after

Complete polish of tube joints:
For a complete finish, combine these 2 kits

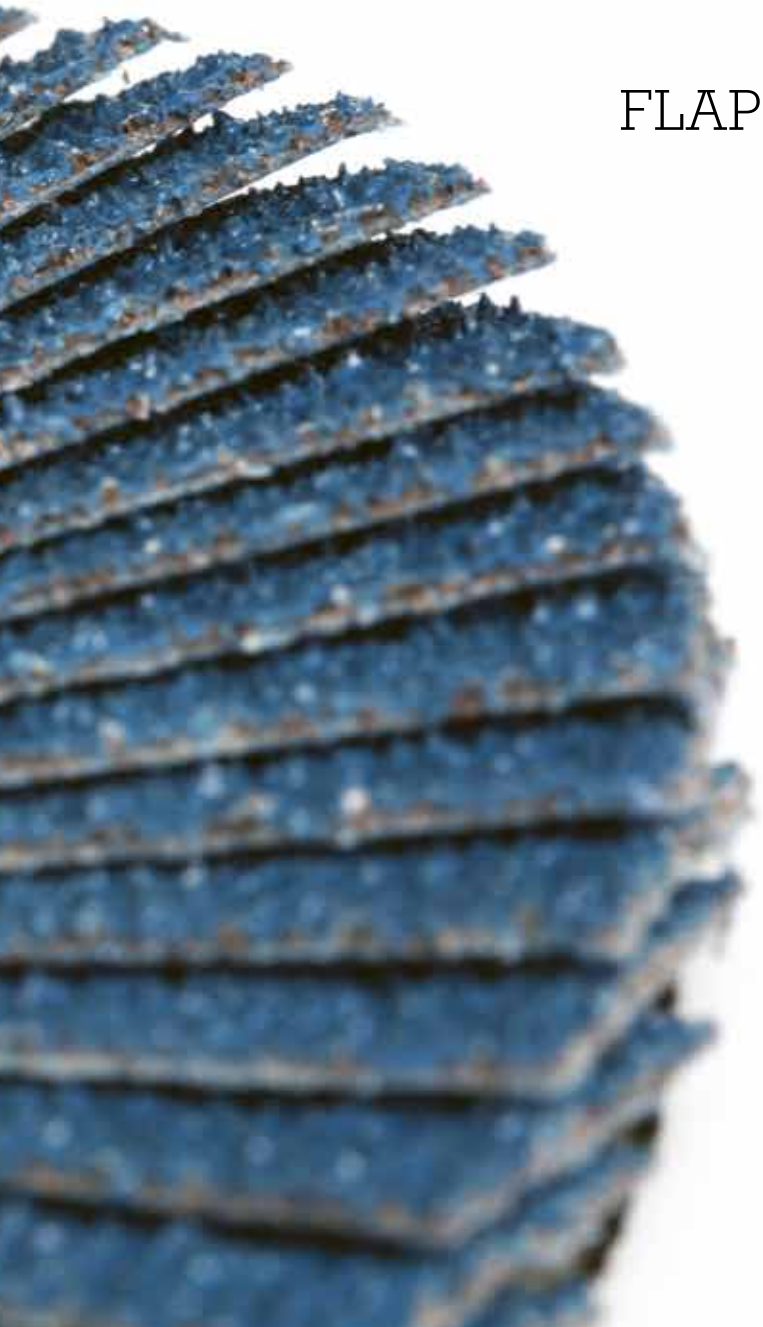


● = available from stock ● = consult for leadtime

FLAP DISCS



Cibo can also rapidly manufacture any sizes, grades or grit types that are not listed in the overview.
After all, customisation is the norm at Cibo.



FLAP DISCS

Flap discs for stock removal

The average flap disc has the capacity to grind reasonably quickly and provide a reasonable finish. In comparison to the grinding disc, it produces hardly any noise and is free of vibration. It has been developed and continuously improved over many years. In the past, one disc was used to work all types of material and workpieces. Nowadays, however, there are very specific flap discs with very distinct properties. As a result, we now have special discs available to work specific material in very specific circumstances. Given the correct choice, each operator has efficient and technically advanced discs at his disposal to achieve a very controlled finish.

With a good flap disc it is important that the abrasive grit wears at the same rate as the cloth.

Given the very large variety on the market, it is not easy to make the right choice. If requested, the Cibo experts can provide an accurate analysis of your requirements and will advise you on how to save time and money.

The following pages contain an overview of the parameters that will determine your choice. They provide you with guidelines for selecting flap discs for stock removal.

WHAT TYPE OF FLAP DISC TO SELECT?

STOCK REMOVAL CAPACITY

This is often one of the first parameters under consideration in choosing a flap disc. If this parameter is important to you, you should take into account the total stock removal capacity of a disc within a specific time frame and under similar circumstances.

After all, certain discs have a very high initial cutting power, but they lose this cutting capacity after 3 to 5 minutes. Other discs only offer very high stock removal capacity at a high working pressure with the machine at high capacity. This is tiring for the operator; the machines required weigh considerably more, and not everyone has high-powered machines available.

USEFUL LIFESPAN

Very often, the total lifespan of a disc is used as a reference when making a selection. At first glance, this may appear a good line of thought, However, when we look at the total grinding cost, we often find that this parameter is deceptive. In most industrial countries, labor costs are a very important factor in determining the total finishing costs of a workpiece. Therefore, your total cost price is not only determined by the lifespan, but also by the quantity of stock removal.

PRICE OF THE DISC

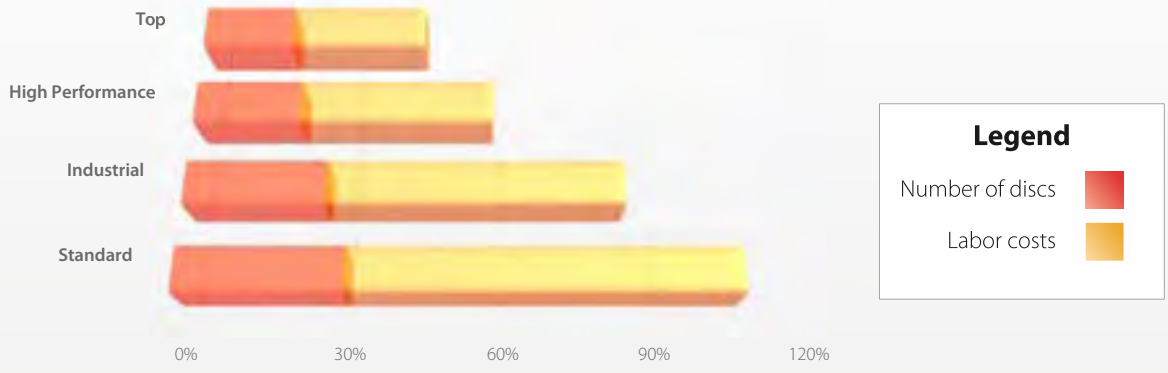
Very often, it is easy to allow oneself to be blinded by the purchase price of the disc. There are very cheap discs available on the market today which at first glance appear excellent. In this context, many operator has personally experienced how deceptive this can prove to be. Please read on and you will find out that the most expensive disc to purchase is usually the cheapest to use.

TOTAL GRINDING COSTS

A cost price that takes into account all elements that determine cost is probably the only correct one.

The speed and amount of stock removal per unit of time during the entire life span of the disc are the most decisive factors in the cost price of grinding.

Total grinding costs for stock removal stainless steel weld seam



WHAT TYPE OF FLAP DISC TO SELECT?

Low High

	Glass fibre backing	Plastic backing
Vibrations	■■■■■■■□□	■■■■■□□□□
Sound	■■■■■■■□□	■■■■■■□□□
Suspension / Comfort	■■■■■□□□□	■■■■■■■■□
Finish	■■■■■■■□□	■■■■■■■■□
Cost price	■■■■■□□□□	■■■■■■■□□
Weight	■■■■□□□□□	■■■■■□□□□

Did you know *that Cibo has set up its own flap disc department? In mid-2010, production capacity amounted to 2,500,000 discs. For these flap discs, Cibo uses abrasive cloth with specific properties. The standard, Industrial and the High Performance lines with their alumina zirconia grit, as well as the Top line with our latest ceramic quality, ensure the very fast removal of material and allow you to save considerably on labour.*

Glass fibre backings

Low High

	Stock removal capacity	Useful life	Finishing	Flexibility
STANDARD	■■■■□□□□□□	■■■□□□□□□□	■■■■□□□□□□	■■□□□□□□□□
TOP	■■■■■■■■■■	■■■■■■■■■■	■■■□□□□□□□	■■□□□□□□□□

Plastic backings with built in 5/8-11 thread

Low High

	Stock removal capacity	Useful life	Finishing	Flexibility
STANDARD	■■■■□□□□□□	■■■□□□□□□□	■■■■□□□□□□	■■■■□□□□□□
TOP	■■■■■■■■■■	■■■■■■■■■■	■■■■□□□□□□	■■■□□□□□□□

Cloth flaps / Plastic backing

STANDARD LINE

FSF - FLAT — **5/8-11" CONNECTION**

dimensions	grit	code	type	max RPM	stock	
Ø 4-1/2 x 5/8-11	40	FSF/40/115/GP58	Zirc.	13,300	●	10
	60	FSF/60/115/GP58	Zirc.	13,300	●	10
	80	FSF/80/115/GP58	Zirc.	13,300	●	10
	120	FSF/120/115/GP58	Zirc.	13,300	●	10

STANDARD LINE

FSC – CONICAL — **5/8-11" CONNECTION**

dimensions	grit	code	type	max RPM	stock	
Ø 4-1/2 x 5/8-11	40	FSC/40/115/GP58	Zirc.	13,300	●	10
	60	FSC/60/115/GP58	Zirc.	13,300	●	10
	80	FSC/80/115/GP58	Zirc.	13,300	●	10
	120	FSC/120/115/GP58	Zirc.	13,300	●	10

Cloth flaps / Glass fibre backing

STANDARD LINE

FSC – CONICAL — **7/8" CONNECTION**

dimensions	grit	code	type	max RPM	stock	
Ø 4-1/2 x 7/8	40	FSC/40/115	Zirc.	13,300	●	10
	60	FSC/60/115	Zirc.	13,300	●	10
	80	FSC/80/115	Zirc.	13,300	●	10
	120	FSC/120/115	Zirc.	13,300	●	10
Ø 5 x 7/8	40	FSC/40/125	Zirc.	12,200	●	10
	60	FSC/60/125	Zirc.	12,200	●	10
	80	FSC/80/125	Zirc.	12,200	●	10
	120	FSC/120/125	Zirc.	12,200	●	10

Other configurations are possible; please consult Cibo.

Cloth flaps / Plastic backing

FTF - FLAT — **5/8-11" CONNECTION**

TOP LINE

dimensions	grit	code	type	max RPM	stock	
Ø 4-1/2 x 5/8-11	40	**FTF/40/115/GP58**	Ceramic	13,300	●	10
	60	**FTF/60/115/GP58**	Ceramic	13,300	●	10

FTC – CONICAL — **5/8-11" CONNECTION**

TOP LINE

dimensions	grit	code	type	max RPM	stock	
Ø 4-1/2 x 5/8-11	40	**FTC/40/115/GP58**	Ceramic	13,300	●	10
	60	**FTC/60/115/GP58**	Ceramic	13,300	●	10

Cloth flaps / Glass fibre backing

FTC – CONICAL — **7/8" CONNECTION**

TOP LINE

dimensions	grit	code	type	max RPM	stock	
Ø 4-1/2 x 7/8	40	**FTC/40/115**	Ceramic	13,300	●	10
	60	**FTC/60/115**	Ceramic	13,300	●	10
Ø 5 x 7/8	40	**FTC/40/125**	Ceramic	12,200	●	10
	60	**FTC/60/125**	Ceramic	12,200	●	10

● = available from stock ● = consult for leadtime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Finishing discs

The Cibo finishing discs are flap discs which, besides a limited removal of material, allow you to achieve a very high-quality finish in almost no time,

The flap discs for stock removal are distinguished by their reasonably quick material removal, but they do not succeed in safely creating a beautiful and constant decorative finish. They often create irreparable grinding errors, especially on workpieces where a decorative or cosmetic finish is required.

Stainless steel, aluminium and non-ferrous metals are materials that are often used in sectors where very high standards are required for the finish. In order to meet high market demand, Cibo has developed a number of very efficient and exclusive finishing discs.

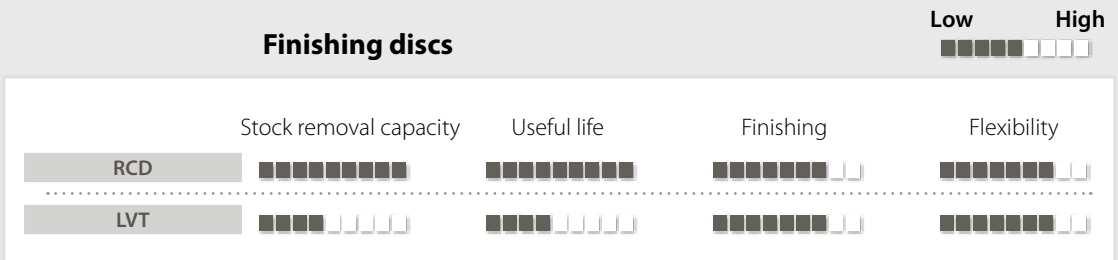
These discs attract attention because of their capacity to create a constant and reproducible finish in a safe and controlled manner, mainly on stainless steel, aluminium and non-ferrous metals.

The range of finishing discs consists of 3 families: the **RCD** and the **LVT**.

RCD

LVT

Finishing discs



RCD

original patented - original patented product - original patented

WORLDWIDE PATENTED

THE RCD-DISC

This disc is often used with:

- Finishing light weld seams
- Finishing angles and toothing
- Improving the surface roughness
- Refining coarse grinding lines
- Breaking edges
- Grinding down casting errors
- Removing milling lines
- Homogenising surfaces
- Preparation for polishing
- Remove welding spatter
- Light deburring

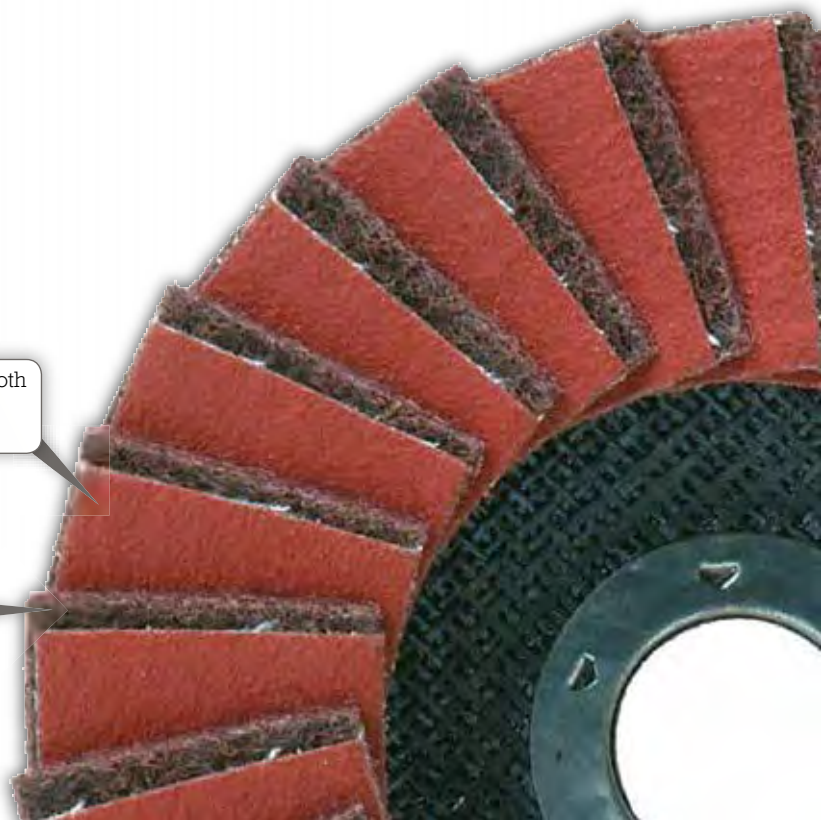
For efficient use of the RCD:

Follow the recommended speed and you will see a drastic decrease in your grinding costs, together with a significantly better. and, especially, more even finish.

Recommended speed : 3,600 – 6,000 RPM

The Cibo RCD-disc allows you to grind down weld seams and provide a flawless finish in a single operation.

This revolutionary and universally patented Cibo innovation consists of two complementary abrasive materials which provide fantastic results in a single operation. In the past, an experienced grinder required at least three operations to completely remove a weld seam. An inexperienced user can now complete this task in a single step.



BENEFITS

- Controlled material removal
- Forgiving
- Even finish
- Constant and low Ra-value
- Improved finish, even for inexperienced users
- Lower heat generation
- Enormous time savings, only one operation instead of three
- Significant cost savings
- Can be used in a wide variety of applications: stainless steel, aluminium, special alloys, soft metals, wood, auto repair, etc.
- Eco-friendly because less waste is created

PROPERTIES

- A perfect match between 2 technically advanced abrasive materials with varying abrasive capacities
- Surface Conditioning with a very rapid and even grinding capacity
- Polycotton extra flexible abrasive cloth with grinding aid
- Even wear of both the Surface Conditioning and the abrasive cloth
- Shock reducing effect

● = available from stock ● = consult for leadtime

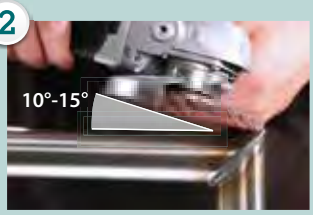
TIP: The three golden rules for RCD.

1

WORKING PRESSURE

A well controlled working pressure is important for the end result. Work with the RCD at light pressure.

2



WORKING ANGLE

Grind at an angle of 10° to 15° (between the disc and the work-piece) to enlarge the contact surface

3

GRINDING MOVEMENT

Make a back and forth movement with the RCD lengthwise along the work piece. The grinding movement with an RCD-disc is particularly important. The rotation of the disc is in the direction of the desired structure, the movement of the grinding tool is the opposite direction.

Tips & tricks: Grind down a weld seam on a round outside angle.

- Mount the RCD with the help of a flange on a variable speed angle grinder.
  Use the RCD Medium to grind down the weld seam.
  Use the RCD to grind down to the zone where both tubes come in contact with each other at the highest point. This is the point where the round outside corner moves into the hollow inside angle.
  After completinig one side using the RCD, repeat the process on the other side.
  This process is completed when the outside angle where both tubes meet is nicely sharp and round, and the outside angle flows nicely into the inside angle.

Combi flaps / Plastic backing

5/8-11" CONNECTION

CONICAL

Properties:
- Controlled material removal
- Even finish
- Constant and low Ra-value
- Shock dampening effect
- Lower heat generation
- Very broad application areas : Stainless steel, aluminum, soft metals, special alloys,…

Applications:
- Finishing light weld seams
- Finishing angles and toothing
- Improving the surface roughness
- Refining coarse grinding lines
- Breaking edges
- Grinding down casting errors
- Etc

dimensions	grit	code	type	max RPM	adviced RPM	stock	
Ø 4-1/2 x 5/8-11	UC	RCD/UC/115/GP58	Al.-Ox	13,300	6,000	●	10
	CO	RCD/CO/115/GP58	Al.-Ox	13,300	6,000	●	10
	ME	RCD/ME/115/GP58	Al.-Ox	13,300	6,000	●	10
	VF	RCD/VF/115/GP58	Al.-Ox	13,300	6,000	●	10
Ø 5 x 5/8-11	CO	RCD/UC/125/GP58	Al.-Ox	12,200	5,500	●	10
	CO	RCD/CO/125/GP58	Al.-Ox	12,200	5,500	●	10
	ME	RCD/ME/125/GP58	Al.-Ox	12,200	5,500	●	10
	VF	RCD/VF/125/GP58	Al.-Ox	12,200	5,500	●	10

The optimal rpm for working with the RCD-disc is 3,600 to 6,000 RPM. This way you can prevent areas being burnt, the disc has a longer lifespan and you can maintain absolute control of the grinding process.

Combi flaps / Glass fibre backing

7/8" CONNECTION

CONICAL

dimensions	grit	code	type	max RPM	adviced RPM	stock	
Ø 4-1/2 x 7/8	UC	RCD/UC/115	Ceramic	13,300	6,000	●	10
	CO	RCD/CO/115	Al.-Ox.	13,300	6,000	●	10
	ME	RCD/ME/115	Al.-Ox.	13,300	6,000	●	10
	VF	RCD/VF/115	Al.-Ox.	13,300	6,000	●	10
Ø 5 x 7/8	UC	RCD/UC/125	Al.-Ox.	12,200	5,500	●	10
	CO	RCD/CO/125	Al.-Ox.	12,200	5,500	●	10
	ME	RCD/ME/125	Al.-Ox.	12,200	5,500	●	10
	VF	RCD/VF/125	Al.-Ox.	12,200	5,500	●	10

UC = Ultra Coarse - CO = Coarse - ME = Medium - VF = Very Fine

UC is excellent on aluminium

● = available from stock ● = consult for leadtime

Combi flaps / Plastic backing

FLAT

RCD – QUICK CHANGE

Properties:
- Small disk, very manoeuvrable
- Controlled material removal
- Even finish
- Constant and low Ra-value
- Shock dampening effect
- Lower heat generation
- Very broad application areas: Stainless steel, aluminum, soft metals, special alloys,…

Applications:
- Finishing light weld seams
- Finishing angles and toothing
- Improving the surface roughness
- Refining coarse grinding lines
- Breaking edges
- Grinding down casting errors

dimensions	grit	code	type	max RPM	adviced RPM	stock	
Ø 3	CO	MLRC/CO/75	Lockit®	10,000	5,000	●	10
	ME	MLRC/ME/75	Lockit®	10,000	5,000	●	10

Socatt® and Lockit® are brandnames of the 3M Company.

Combi flaps / Plastic backing

FLAT

RCD – FLAT — 5/8-11" CONNECTION

Properties:
- Aggressive disc for a quick stock removal
- Shock dampening effect: controlled material removal
- Can be used on aluminum, steel and stainless steel

Applications:
- Removing heavy weld seams
- Finishing angles and toothing
- Deburring
- Breaking edges

dimensions	grit	code	type	max RPM	adviced RPM	stock	
Ø 4-1/2 x 5/8-11	UC	RCDF/UC/115/GP58	Al.-Ox	13,300	6,000	●	10
	CO	RCDF/CO/115/GP58	Al.-Ox	13,300	6,000	●	10
	ME	RCDF/ME/115/GP58	Al.-Ox	13,300	6,000	●	10
	VF	RCDF/VF/115/GP58	Al.-Ox	13,300	6,000	●	10

UC = Ultra Coarse - CO = Coarse - ME = Medium - VF = Very Fine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THE LVT-DISC

The LVT flap disc is a true finishing disc, not a deburring disc. Whereas the RCD still removes material, the LVT only aims to improve the surface roughness.

The LVT flap disc ensures very low heat generation. This disc never fills up, even with soft materials, electroplating or bodywork.

PROPERTIES

- Cool finishing due to a significantly low heat generation
- No loading
- Extra long lifespan
- Fast results
- Constant finish

Did you know *the material of the LVT-disc has an open web structure which makes it ideal to remove lacquer in, for example, the automotive sector?*

● = available from stock ● = consult for leadtime

Surface Conditioning flap discs / Plastic backing

CONICAL

LVT – CONICAL — **5/8-11" CONNECTION**

Properties:
- Cool finishing due to a significantly low heat generation
- No loading
- Extra long lifespan
- Fast results
- Constant finish

dimensions	grit	code	type	max RPM	adviced RPM	stock	
Ø 4-1/2 x 5/8-11	CO	LVT/RC1/115/GP58	Al.-Ox.	13,300	6,000	●	10
	ME	LVT/RC2/115/GP58	Al.-Ox.	13,300	6,000	●	10
	VF	LVT/RC3/115/GP58	Al.-Ox.	13,300	6,000	●	10
Ø 5 x 5/8-11	CO	LVT/RC1/125/GP58	Al.-Ox.	12,200	5,500	●	10
	ME	LVT/RC2/125/GP58	Al.-Ox.	12,200	5,500	●	10
	VF	LVT/RC3/125/GP58	Al.-Ox.	12,200	5,500	●	10

Surface Conditioning flap discs / Glass fibre backing

CONICAL

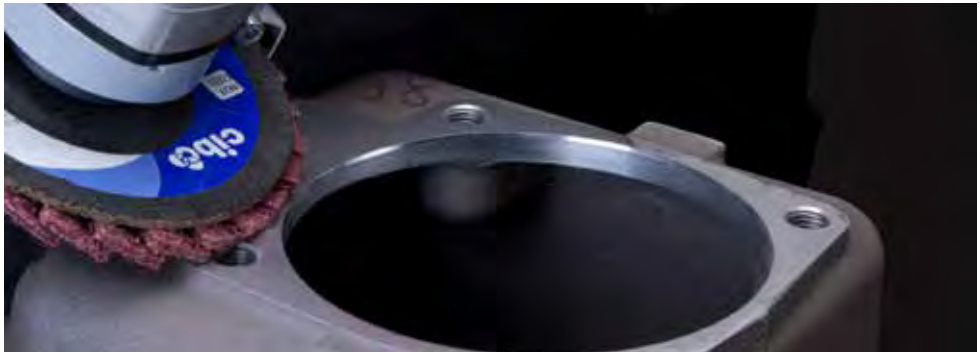
LVT – CONICAL — **7/8" CONNECTION**

Properties:
- Cool finishing due to a significantly low heat generation
- No loading
- Extra long lifespan
- Fast results
- Constant finish

dimensions	grit	code	type	max RPM	adviced RPM	stock	
Ø 4-1/2 x 7/8	CO	LVT/RC1/115	Al.-Ox.	13,300	6,000	●	10
	ME	LVT/RC2/115	Al.-Ox.	13,300	6,000	●	10
	VF	LVT/RC3/115	Al.-Ox.	13,300	6,000	●	10
Ø 5 x 7/8	CO	LVT/RC1/125	Al.-Ox.	12,200	5,500	●	10
	ME	LVT/RC2/125	Al.-Ox.	12,200	5,500	●	10
	VF	LVT/RC3/125	Al.-Ox.	12,200	5,500	●	10

CO = Coarse - ME = Medium - VF = Very Fine

Other compositions are possible: contact CIBO.



● = available from stock ● = consult for leadtime

UNITIZED - REBEL ONE

Cibo will very quickly produce for you any size, grade or grit that is not listed in the overview.
After all, customisation is the norm at Cibo.


Rebel One®
3D abrasives with a rebellious twist
Rebel One

WHAT IS UNITIZED?

Unitized is made of a 3-D web of nylon threads, impregnated with resin, to which abrasive grains are added. This is then pressed into plates of a specific density.

Unitized or pressed abrasive materials are the latest generation in 3D abrasive materials. Pressed abrasive materials are a great help when traditional materials would otherwise require considerable time and effort to achieve a quality finish. Indeed, they stand out in the way they combine an aggressive action with an outstanding finish.

DID YOU KNOW...

At Cibo we produce our own unitized raw material and are therefore in full control of the process. We can therefore guarantee a very consistent level of quality. Moreover, we are extremely fast and flexible in reacting to new market trends. We are therefore able to provide the most advanced unitized range on the market.

WHY CHOOSE UNITIZED?

1. HIGH LEVEL OF CONTROL

When using unitized you can give components a particular finish, without affecting the geometry of the work piece or grinding down the sinking. This means that there will be no impact on your critical tolerances.

2. COOL GRINDING

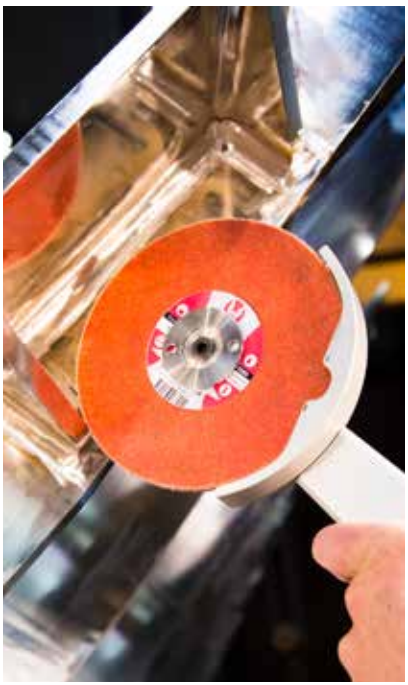
The grinding action is cooler than "coated" and "bonded" abrasive materials, meaning there is less chance of deforming or discolouring the work piece.

3. UNIFORM FINISH

Unitized achieves a uniform, consistent and replicable finish.

ADVANTAGES

- Constant and replicable finish
- Flexible: adapts to the shape of the work piece
- Cool grinding: less chance of discoloration
- Also suited to materials generating extreme heat (e.g. titanium & cobalt alloys)
- Forgiving
- Iron-free – stainless steel safe: no contamination
- Open structure prevents clogging
- Economic usage: total cost of grinding is low



APPLICATIONS

- Deburring
- Structuring
- Removing scratches and milling lines
- Cleaning
- Removing oxidation
- Removing welds
- Removing welding discoloration
- Improving surface roughness
- Finishing
- Pre-polishing
- Correcting sanding errors
- Removing varnish and coatings

100% VOC FREE

Volatile Organic Compounds (VOC) stands for a group of substances including fuel and solvents. Upon vaporisation these substances cause global warming, acidification and are harmful to health. Solvent is commonly used in the production of unitized.

The entire Rebel One range, on the other hand, is **100% solvent-free**, **VOC free compliant** and contains no polymers coming from **bisphenol A**.

RANGE

S -LINE

Removing scratches and correcting sanding errors, pre-polishing.

Wide range of application uses, most universal quality.

grain	silicon carbide
density	5 → 7

finish	●●●●●●
stock removal	●●●○○○
control over work piece	●●●●○○

M -LINE

Removing milling lines and welds, deburring.

More aggressive than the S-line, with a slightly rougher finish.

grain	aluminium oxide
density	5 → 8

finish	●●●●●○
stock removal	●●●●○○
control over work piece	●●●●○○

F -LINE

Removing weld discoloration, varnish and coatings; structuring.

Aggressive and extremely flexible.

grain	aluminium oxide
density	3 → 5

finish	● ● ● ● ○ ○
stock removal	● ● ○ ○ ○ ○
control over work piece	● ● ● ● ● ●

T -LINE

Aggressive grinding with fast and controlled stock removal.

Aggressive and extremely hard quality. Fast and controlled stock removal with acceptable finish.

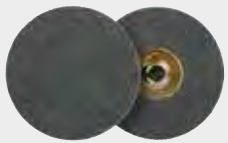
grain	engineered
density	9 → 10

finish	● ● ○ ○ ○ ○
stock removal	● ● ● ● ● ●
control over work piece	● ● ○ ○ ○ ○

Rebel One®
3D abrasives with a rebellious twist

SHAPES

	UNITIZED WHEELS WITH CENTRE HOLE	UNITIZED WHEELS WITH CENTRE HOLE FOR FINIT-EASY	ABRASIVE WHEELS ON SHAFT	
				
APPLICATIONS	• Deburring the sides of a work piece • Removing milling lines • Structuring • Improving the surface finish	• Grinding and/or finishing TIG weld seams • Removing welding discoloration	• Grinding and cleaning interior diameters and surfaces that are hard to reach • Removing welding discoloration • Improving the Ra value	
MACHINE	• Stationary machine • Flexible shaft machine • Straight grinder	• Finit-Easy	• Flexible shaft machine • Straight grinder	
AVAILABLE IN	S M F	S M F T	S M F	

	ABRASIVE DISCS ON FIBRE GLASS BACKING	UNITIZED GRIP DISCS	QUICK-CHANGE	UNITIZED MOUNTED POINTS
				
	• Used in addition to flap discs to remove scratches or to improve the surface • Ideal last step before mirror polishing • Breaking edges • Removing welding discoloration	• Material is extremely flexible, which is a particular advantage on flat work pieces • Ideal last step before mirror polishing • Improving the Ra value • Removing welding discoloration	• Applications where the contact surface of the disc needs to be small or where it is important to be able to control the grinding operation • Removing welding discoloration • Removing milling lines • Improving surface roughness	• For finishing internal welds and work pieces with limited accessibility • Removing welding discoloration • Breaking the edges of drilled, punched or milled openings
	• Adjustable angle grinder • Finit-Easy	• Adjustable angle grinder • Eccentric grinder • Finit-Easy	• Pneumatic angle grinder • Electric angle grinder	• Flexible shaft machine • Straight grinder • Angle grinder (electrical or pneumatic) with spindle adapter
	S M F T	S	S M F	S M T

APPLICATIONS

Removing welding discoloration.

Correcting sanding errors, removing scratches.

Breaking angles, deburring and rounding.

Removing TIG welds.

Prepolishing: ideal last step before mirror polishing.

Improving surface roughness. Controlling the Ra value.

Removing varnish, coatings and rust without affecting the geometry.

Finishing, maintaining and repairing turbine and propeller blades, without affecting their geometry.

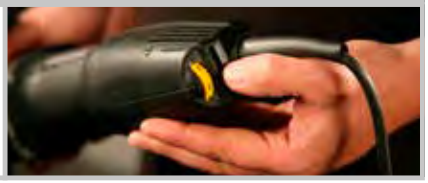
Removing milling lines.

APPLICATION RECOMMENDATIONS

SPEED

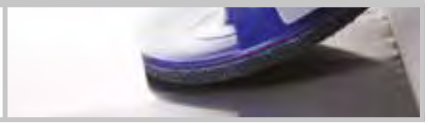
Follow the recommended speed on the product label

- low speed = maximum efficiency and a better finish
- high speed = excessive heat generation & premature wear



ANGLE

- flat use = better finish
- used on end face = increased aggressive action



PRESSURE

Always apply medium pressure.

- pressure too high = excessive heat generation & premature wear
- pressure too low = little or no result

FIRST AID WITH FINISHING JOBS

If in doubt ask your Cibo application experts for advice.
Call 7047701698 or mail EHBS@cibo-abrasives.com.

FREE
FIRST AID WITH FINISHING JOBS

WHICH REBEL IS FOR YOU?

Our 3 steps will quickly help you to choose the right Rebel.

1. WHICH OPERATION?

Select the appropriate line to suit your particular application using the range summary.

2. WHICH SHAPE?

Determine the appropriate shape based on the work piece and the operation that needs to be carried out on the work piece. For flat operations you are best using a disc, but for angled welds a grinding wheel is more appropriate.

3. WHICH DENSITY?

Using the 3 tables of comparison below you can quickly determine which variant is best for you. (be sure to read "What is density?")

Unable to find the right product? No problem. Just call us on **7047701698** or send a mail to **EHBS@cibo-abrasives.com** and we will quickly help you on your way.

FINE	FINISH	EXTREMELY FINE
T-LINE		
	F-LINE	
	M-LINE	
		S-LINE

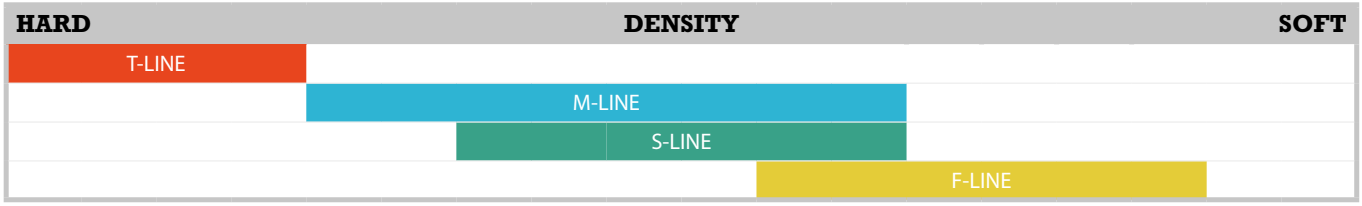
MOST AGGRESSIVE	STOCK REMOVAL	LEAST AGGRESSIVE
T-LINE		
	M-LINE	
	S-LINE	
		F-LINE

QUITE LIMITED	CONTROL OVER WORK PIECE	EXTREMELY HIGH
T-LINE		
	M-LINE	
	S-LINE	
		F-LINE

WHAT IS DENSITY?

Density refers to the hardness of a disc. The softer the disc, the more flexible it is and the more control there is over the work piece. Density is expressed on a scale from 1 (most supple) to 10 (least supple).

However, density is not directly related to stock removal. A flexible disc can, depending on the grit it contains, also be very aggressive.



S-line

S-LINE

Wide range of application uses, most universal quality.

Ideal for: Removing scratches and correcting grinding errors, prepolishing.

Also suitable for: Deburring, blending, removing milling lines, cleaning, removing oxidation, removing weld seams, removing weld discoloration, improving surface roughness, finishing.

SILICON CARBIDE

ABRASIVE WHEELS WITH CENTER HOLE

diam.	thick-ness	center hole	density	code	adviced RPM	max RPM	stock	
Ø 2	1/8	Ø 1/4	7	SA7T11	18,000	22,000	●	10
	1/4	Ø 1/4	5	SA5T12	18,000	22,000	●	10
	1/4	Ø 1/4	6	SA6T12	18,000	22,000	●	10
	1/4	Ø 1/4	7	SA7T12	18,000	22,000	●	10
Ø 3	1/8	Ø 1/4	7	SA7T20	6,000	12,000	●	10
	1/4	Ø 1/4	5	SA5T21	6,000	12,000	●	10
	1/4	Ø 1/4	6	SA6T21	6,000	12,000	●	10
	1/4	Ø 1/4	7	SA7T21	6,000	12,000	●	10
Ø 4	1/8	Ø 1/4	7	SA7T22	4,500	9000	●	10
	1/4	Ø 1/4	5	SA5T23	4,500	9,000	●	10
	1/4	Ø 1/4	6	SA6T23	4,500	9,000	●	10
	1/4	Ø 1/4	7	SA7T23	4,500	9,000	●	10
Ø 5	1/8	Ø 7/8	7	SA7S121R/3	3,000	6,000	●	10
	1/4	Ø 7/8	5	SA5S121R/6	3,000	6,000	●	10
	1/4	Ø 7/8	6	SA6S121R/6	3,000	6,000	●	10
	1/4	Ø 7/8	7	SA7S121R/6	3,000	6,000	●	10
Ø 6	1/8	Ø 1	7	SA7T30	3,000	6,000	●	6
	1/4	Ø 1	5	SA5T31	3,000	6,000	●	6
	1/4	Ø 1	6	SA6T31	3,000	6,000	●	6
	1/4	Ø 1	7	SA7T31	3,000	6,000	●	6
	1/2	Ø 1	5	SA5T32	3,000	6,000	●	3
	1/2	Ø 1	6	SA6T32	3,000	6,000	●	3
	1/2	Ø 1	7	SA7T32	3,000	6,000	●	3
	1	Ø 1	5	SA5T33	3,000	6,000	●	3
	1	Ø 1	6	SA6T33	3,000	6,000	●	1
	1	Ø 1	7	SA7T33	3,000	6,000	●	1

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ABRASIVE WHEELS WITH CENTER HOLE

diam.	thick-ness	center hole	density	code	adviced RPM	max RPM	stock	
Ø 8	1/2	Ø 1	5	SA5T401	2,250	4,500	●	2
	1/2	Ø 1	6	SA6T401	2,250	4,500	●	2
	1/2	Ø 1	7	SA7T401	2,250	4,500	●	2
	1	Ø 1	5	SA5T411	2,250	4,500	●	2
	1	Ø 1	6	SA6T411	2,250	4,500	●	2
	1	Ø 1	7	SA7T411	2,250	4,500	●	2

SPINDLE MOUNTED WHEELS

SILICON CARBIDE

diam.	thick-ness	spindle diam.	density	code	adviced RPM	max RPM	stock	
Ø 2	1/8	Ø 1/4	7	SAUS/7/50036	11,000	22,500	●	5
	1/4	Ø 1/4	5	SAUS/5/50066	11,000	22,500	●	5
	1/4	Ø 1/4	6	SAUS/6/50066	11,000	22,500	●	5
	1/4	Ø 1/4	7	SAUS/7/50066	11,000	22,500	●	5
	1/2	Ø 1/4	5	SAUS/5/50136	11,000	22,500	●	5
	1/2	Ø 1/4	6	SAUS/6/50136	11,000	22,500	●	5
	1/2	Ø 1/4	7	SAUS/7/50136	11,000	22,500	●	5
	1	Ø 1/4	5	SAUS/5/50256	11,000	22,500	●	5
	1	Ø 1/4	6	SAUS/6/50256	11,000	22,500	●	5
	1	Ø 1/4	7	SAUS/7/50256	11,000	22,500	●	5
Ø 3	1/8	Ø 1/4	7	SAUS/7/75036	7,500	15,000	●	5
	1/4	Ø 1/4	5	SAUS/5/75066	7,500	15,000	●	5
	1/4	Ø 1/4	6	SAUS/6/75066	7,500	15,000	●	5
	1/4	Ø 1/4	7	SAUS/7/75066	7,500	15,000	●	5
	1/2	Ø 1/4	5	SAUS/5/75136	7,500	15,000	●	5
	1/2	Ø 1/4	6	SAUS/6/75136	7,500	15,000	●	5
	1/2	Ø 1/4	7	SAUS/7/75136	7,500	15,000	●	5
	1	Ø 1/4	5	SAUS/5/75256	7,500	15,000	●	5
	1	Ø 1/4	6	SAUS/6/75256	7,500	15,000	●	5
	1	Ø 1/4	7	SAUS/7/75256	7,500	15,000	●	5

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● = available from stock ● = consult for leadtime

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SPINDLE MOUNTED WHEELS

diam.	thick-ness	spindle diam.	density	code	adviced RPM	max RPM	stock	
Ø 4	1/4	Ø 1/4	7	SAUS/7/100036	6,000	12,000	●	5
	1/4	Ø 1/4	5	SAUS/5/100066	6,000	12,000	●	5
	1/4	Ø 1/4	6	SAUS/6/100066	6,000	12,000	●	5
	1/4	Ø 1/4	7	SAUS/7/100066	6,000	12,000	●	5
	1/2	Ø 1/4	5	SAUS/5/100136	6,000	12,000	●	5
	1/2	Ø 1/4	6	SAUS/6/100136	6,000	12,000	●	5
	1/2	Ø 1/4	7	SAUS/7/100136	6,000	12,000	●	5
	1	Ø 1/4	5	SAUS/5/100256	6,000	12,000	●	5
	1	Ø 1/4	6	SAUS/6/100256	6,000	12,000	●	5
	1	Ø 1/4	7	SAUS/7/100256	6,000	12,000	●	5

SILICON CARBIDE

DISCS ON GLASS FIBRE BACKING - FLAT

dimensions	density	code	adviced RPM	max RPM	stock	
Ø 4-1/2 x 7/8	5	SAG/5/115	5,000	10,000	●	5
	6	SAG/6/115	5,000	10,000	●	5
	7	SAG/7/115	5,000	10,000	●	5
Ø 5 x 7/8	5	SAG/5/125	4,000	8,000	●	5
	6	SAG/6/125	4,000	8,000	●	5
	7	SAG/7/125	4,000	8,000	●	5
Ø 4-1/2 x 5/8-11	5	SAG/5/115/GP58	5,000	10,000	●	5
	6	SAG/6/115/GP58	5,000	10,000	●	5
Ø 5-1/2 x 5/8-11	5	SAG/5/125/GP58	4,000	8,000	●	5
	6	SAG/6/125/GP58	4,000	8,000	●	5

GRIP DISCS

SILICON CARBIDE

diam.	density	shape	code	code back-up pad	adviced RPM	max RPM	stock	
Ø 4-1/2	5	S104	SAGR/5/S104	115VELVZ/W	5,000	10,000	●	5
	6		SAGR/6/S104	115VELVZ/W	5,000	10,000	●	5
	7		SAGR/7/S104	115VELVZ/W	5,000	10,000	●	5
Ø 5	5	S105	SAGR/5/S105	125VELVZ/W	4,000	8,000	●	5
	6		SAGR/6/S105	125VELVZ/W	4,000	8,000	●	5
	7		SAGR/7/S105	125VELVZ/W	4,000	8,000	●	5
Ø 6	5	S106	SAGR/5/S106	150VELSUPERXM/W	3,500	8,000	●	5
	6		SAGR/6/S106	150VELSUPERXM/W	3,500	8,000	●	5
	7		SAGR/7/S106	150VELSUPERXM/W	3,500	8,000	●	5

QUICK CHANGE

SILICON CARBIDE

diameter	thick-ness	density	code	adviced RPM	max RPM	stock	
Ø 2 Lockit® / Roloc®	1/8	7	QLSA/7/503	9,000	18,000	●	10
	1/4	5	QLSA/5/506	9,000	18,000	●	10
	1/4	6	QLSA/6/506	9,000	18,000	●	10
	1/4	7	QLSA/7/506	9,000	18,000	●	10
Ø 3 Lockit® / Roloc®	1/8	7	QLSA/7/753	6,000	12,000	●	10
	1/4	5	QLSA/5/756	6,000	12,000	●	10
	1/4	6	QLSA/6/756	6,000	12,000	●	10
	1/4	7	QLSA/7/756	6,000	12,000	●	10
Ø 2 Socatt®	1/8	7	QSSA/7/503	9,000	18,000	●	10
	1/4	5	QSSA/5/506	9,000	18,000	●	10
	1/4	6	QSSA/6/506	9,000	18,000	●	10
	1/4	7	QSSA/7/506	9,000	18,000	●	10
Ø 3 Socatt®	1/8	7	QSSA/7/753	6,000	12,000	●	10
	1/4	5	QSSA/5/756	6,000	12,000	●	10
	1/4	6	QSSA/6/756	6,000	12,000	●	10
	1/4	7	QSSA/7/756	6,000	12,000	●	10

Socatt®, Lockit® and Roloc® are brandnames of the 3M Company.

● = available from stock ● = consult for leadtime

SILICON CARBIDE

MOUNTED POINTS

shape		diameter	spindle diam.	density	code	max RPM*	stock	
A21		Ø 1	Ø 1/4	6	**SAUS/6/A21**	34,500	●	5
A21		Ø 1	Ø 1/4	7	**SAUS/7/A21**	34,500	●	5
A25		Ø 1	Ø 1/4	7	**SAUS/7/A25**	35,600	●	5
B121		Ø 1/2	Ø 1/8	7	**SAUS/7/B121**	45,300	●	5
B52		Ø 3/8	Ø 1/8	7	**SAUS/7/B52**	45,300	●	5
B90		Ø 1/2	Ø 1/8	7	**SAUS/7/B90**	34,500	●	5
W163		Ø 1/4	Ø 1/8	7	**SAUS/7/W163**	60,000	●	5
W183		Ø 1/2	Ø 1/8	6	**SAUS/6/W183**	51,700	●	5
W183		Ø 1/2	Ø 1/8	7	**SAUS/7/W183**	51,700	●	5
W185		Ø 1/2	Ø 1/8	6	**SAUS/6/W185**	34,500	●	5
W185		Ø 1/2	Ø 1/8	7	**SAUS/7/W185**	34,500	●	5
W220		Ø 1	Ø 1/4	7	**SAUS/7/W220**	25,000	●	5

* Max. RPM with a maximum free spindle length of 1/2".

M-LINE

More aggressive than the S-line, with a slightly rougher finish.

Ideal for: Removing milling lines and weld seams.

Also suitable for: Deburring, blending, removing scratches, cleaning, removing oxidation, removing weld discoloration, improving surface roughness, finishing.

M-line

ABRASIVE WHEELS WITH CENTER HOLE

ALUMINIUM OXIDE

diam.	thick-ness	center hole	density	code	adviced RPM	max RPM	stock	
Ø 2	1/8	Ø 1/4	7	MA7T11	18,000	22,000	●	10
	1/8	Ø 1/4	8	MA8T11	18,000	22,000	●	10
	1/4	Ø 1/4	5	MA5T12	18,000	22,000	●	10
	1/4	Ø 1/4	6	MA6T12	18,000	22,000	●	10
	1/4	Ø 1/4	7	MA7T12	18,000	22,000	●	10
	1/4	Ø 1/4	8	MA8T12	18,000	22,000	●	10
Ø 3	1/8	Ø 1/4	7	MA7T20	6,000	12,000	●	10
	1/8	Ø 1/4	8	MA8T20	6,000	12,000	●	10
	1/4	Ø 1/4	5	MA5T21	6,000	12,000	●	10
	1/4	Ø 1/4	6	MA6T21	6,000	12,000	●	10
	1/4	Ø 1/4	7	MA7T21	6,000	12,000	●	10
	1/4	Ø 1/4	8	MA8T21	6,000	12,000	●	10
Ø 4	1/8	Ø 1/4	7	MA7T22	4,500	9,000	●	10
	1/8	Ø 1/4	8	MA8T22	4,500	9,000	●	10
	1/4	Ø 1/4	5	MA5T23	4,500	9,000	●	10
	1/4	Ø 1/4	6	MA6T23	4,500	9,000	●	10
	1/4	Ø 1/4	7	MA7T23	4,500	9,000	●	10
	1/4	Ø 1/4	8	MA8T23	4,500	9,000	●	10
Ø 5	1/8	Ø 7/8	7	MA7S121R/3	3,000	6,000	●	10
	1/8	Ø 7/8	8	MA8S121R/3	3,000	6,000	●	10
	1/4	Ø 7/8	5	MA5S121R/6	3,000	6,000	●	10
	1/4	Ø 7/8	6	MA6S121R/6	3,000	6,000	●	10
	1/4	Ø 7/8	7	MA7S121R/6	3,000	6,000	●	10
	1/4	Ø 7/8	8	MA8S121R/6	3,000	6,000	●	10

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● = available from stock ● = consult for leadtime

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ABRASIVE WHEELS WITH CENTER HOLE

diam.	thick-ness	center hole	density	code	adviced RPM	max RPM	stock	
Ø 6	1/8	Ø 1	7	MA7T30	3,000	6,000	●	6
	1/8	Ø 1	8	MA8T30	3,000	6,000	●	6
	1/4	Ø 1	5	MA5T31	3,000	6,000	●	6
	1/4	Ø 1	6	MA6T31	3,000	6,000	●	6
	1/4	Ø 1	7	MA7T31	3,000	6,000	●	6
	1/4	Ø 1	8	MA8T31	3,000	6,000	●	6
	1/2	Ø 1	5	MA5T32	3,000	6,000	●	3
	1/2	Ø 1	6	MA6T32	3,000	6,000	●	3
	1/2	Ø 1	7	MA7T32	3,000	6,000	●	3
	1/2	Ø 1	8	MA8T32	3,000	6,000	●	3
	1	Ø 1	5	MA5T33	3,000	6,000	●	1
	1	Ø 1	6	MA6T33	3,000	6,000	●	1
	1	Ø 1	7	MA7T33	3,000	6,000	●	1
	1	Ø 1	8	MA8T33	3,000	6,000	●	1
Ø 8	1/2	Ø 1	5	MA5T401	2,250	4,500	●	2
	1/2	Ø 1	6	MA6T401	2,250	4,500	●	2
	1/2	Ø 1	7	MA7T401	2,250	4,500	●	2
	1/2	Ø 1	8	MA8T401	2,250	4,500	●	2
	1	Ø 1	5	MA5T411	2,250	4,500	●	2
	1	Ø 1	6	MA6T411	2,250	4,500	●	2
	1	Ø 1	7	MA7T411	2,250	4,500	●	2
	1	Ø 1	8	MA8T411	2,250	4,500	●	2

SPINDLE MOUNTED WHEELS

ALUMINIUM OXIDE

diam.	thick-ness	spindle diam.	density	code	adviced RPM	max RPM	stock	
Ø 2	1/8	Ø 1/4	7	MAUS/7/50036	11,000	22,500	●	5
	1/8	Ø 1/4	8	MAUS/8/50036	11,000	22,500	●	5
	1/4	Ø 1/4	5	MAUS/5/50066	11,000	22,500	●	5
	1/4	Ø 1/4	6	MAUS/6/50066	11,000	22,500	●	5
	1/4	Ø 1/4	7	MAUS/7/50066	11,000	22,500	●	5
	1/4	Ø 1/4	8	MAUS/8/50066	11,000	22,500	●	5
	1/2	Ø 1/4	5	MAUS/5/50136	11,000	22,500	●	5
	1/2	Ø 1/4	6	MAUS/6/50136	11,000	22,500	●	5
	1/2	Ø 1/4	7	MAUS/7/50136	11,000	22,500	●	5
	1/2	Ø 1/4	8	MAUS/8/50136	11,000	22,500	●	5
	1	Ø 1/4	5	MAUS/5/50256	11,000	22,500	●	5
	1	Ø 1/4	6	MAUS/6/50256	11,000	22,500	●	5
	1	Ø 1/4	7	MAUS/7/50256	11,000	22,500	●	5
	1	Ø 1/4	8	MAUS/8/50256	11,000	22,500	●	5
Ø 3	1/8	Ø 1/4	7	MAUS/7/75036	7,500	15,000	●	5
	1/8	Ø 1/4	8	MAUS/8/75036	7,500	15,000	●	5
	1/4	Ø 1/4	5	MAUS/5/75066	7,500	15,000	●	5
	1/4	Ø 1/4	6	MAUS/6/75066	7,500	15,000	●	5
	1/4	Ø 1/4	7	MAUS/7/75066	7,500	15,000	●	5
	1/4	Ø 1/4	8	MAUS/8/75066	7,500	15,000	●	5
	1/2	Ø 1/4	5	MAUS/5/75136	7,500	15,000	●	5
	1/2	Ø 1/4	6	MAUS/6/75136	7,500	15,000	●	5
	1/2	Ø 1/4	7	MAUS/7/75136	7,500	15,000	●	5
	1/2	Ø 1/4	8	MAUS/8/75136	7,500	15,000	●	5
	1	Ø 1/4	5	MAUS/5/75256	7,500	15,000	●	5
	1	Ø 1/4	6	MAUS/6/75256	7,500	15,000	●	5
	1	Ø 1/4	7	MAUS/7/75256	7,500	15,000	●	5
	1	Ø 1/4	8	MAUS/8/75256	7,500	15,000	●	5
Ø 4	1/8	Ø 1/4	7	MAUS/7/100036	6,000	12,000	●	5
	1/8	Ø 1/4	8	MAUS/8/100036	6,000	12,000	●	5
	1/4	Ø 1/4	5	MAUS/5/100066	6,000	12,000	●	5
	1/4	Ø 1/4	6	MAUS/6/100066	6,000	12,000	●	5

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● = available from stock ● = consult for leadtime

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SPINDLE MOUNTED WHEELS

diam.	thick-ness	spindle diam.	density	code	adviced RPM	max RPM	stock	
Ø 4	1/4	Ø 1/4	7	MAUS/7/100066	6,000	12,000	●	5
	1/4	Ø 1/4	8	MAUS/8/100066	6,000	12,000	●	5
	1/2	Ø 1/4	5	MAUS/5/100136	6,000	12,000	●	5
	1/2	Ø 1/4	6	MAUS/6/100136	6,000	12,000	●	5
	1/2	Ø 1/4	7	MAUS/7/100136	6,000	12,000	●	5
	1/2	Ø 1/4	8	MAUS/8/100136	6,000	12,000	●	5
	1	Ø 1/4	5	MAUS/5/100256	6,000	12,000	●	5
	1	Ø 1/4	6	MAUS/6/100256	6,000	12,000	●	5
	1	Ø 1/4	7	MAUS/7/100256	6,000	12,000	●	5
	1	Ø 1/4	8	MAUS/8/100256	6,000	12,000	●	5

ALUMINIUM OXIDE

DISCS ON GLASS FIBRE BACKING - FLAT

dimensions	density	code	adviced RPM	max RPM	stock	
Ø 4-1/2 x 7/8	5	MAG/5/115	5,000	10,000	●	5
	6	MAG/6/115	5,000	10,000	●	5
	7	MAG/7/115	5,000	10,000	●	5
	8	MAG/8/115	5,000	10,000	●	5
Ø 5 x 7/8	5	MAG/5/125	5,000	8,000	●	5
	6	MAG/6/125	5,000	8,000	●	5
	7	MAG/7/125	5,000	8,000	●	5
	8	MAG/8/125	5,000	8,000	●	5
Ø 4-1/2 x 5/8-11	5	MAG/5/115/GP58	5,000	10,000	●	5
	6	MAG/6/115/GP58	5,000	10,000	●	5
	7	MAG/7/115/GP58	5,000	10,000	●	5
	8	MAG/8/115/GP58	5,000	10,000	●	5
Ø 5 x 5/8-11	5	MAG/5/125/GP58	5,000	8,000	●	5
	6	MAG/6/125/GP58	5,000	8,000	●	5
	7	MAG/7/125/GP58	5,000	8,000	●	5
	8	MAG/8/125/GP58	5,000	8,000	●	5

GRIP DISCS

ALUMINIUM OXIDE

diam.	density	shape	code	code back-up pad	adviced RPM	max RPM	stock	
Ø 4-1/2	8	S104	**MAGR/8/S104**	**115VELVZ/W**	5,000	10,000	●	5
Ø 5	8	S105	**MAGR/8/S105**	**125VELVZ/W**	4,000	8,000	●	5
Ø 6	8	S106	**MAGR/8/S106**	**150VELSUPERXM/W**	3,500	8,000	●	5

QUICK CHANGE

ALUMINIUM OXIDE

diameter	thick-ness	density	code	adviced RPM	max RPM	stock	
Ø 2 Lockit® / Roloc®	1/8	7	**QLMA/7/503**	9,000	18,000	●	10
	1/8	8	**QLMA/8/503**	9,000	18,000	●	10
	1/4	5	**QLMA/5/506**	9,000	18,000	●	10
	1/4	6	**QLMA/6/506**	9,000	18,000	●	10
	1/4	7	**QLMA/7/506**	9,000	18,000	●	10
	1/4	8	**QLMA/8/506**	9,000	18,000	●	10
Ø 3 Lockit® / Roloc®	1/8	7	**QLMA/7/753**	6,000	12,000	●	10
	1/8	8	**QLMA/8/753**	6,000	12,000	●	10
	1/4	5	**QLMA/5/756**	6,000	12,000	●	10
	1/4	6	**QLMA/6/756**	6,000	12,000	●	10
	1/4	7	**QLMA/7/756**	6,000	12,000	●	10
	1/4	8	**QLMA/8/756**	6,000	12,000	●	10

● = available from stock ● = consult for leadtime

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QUICK CHANGE

diameter	thick-ness	density	code	adviced RPM	max RPM	stock	
Ø 2 Socatt®	1/8	7	QSMA/7/503	9,000	18,000	●	10
	1/8	8	QSMA/8/503	9,000	18,000	●	10
	1/4	5	QSMA/5/506	9,000	18,000	●	10
	1/4	6	QSMA/6/506	9,000	18,000	●	10
	1/4	7	QSMA/7/506	9,000	18,000	●	10
	1/4	8	QSMA/8/506	9,000	18,000	●	10
Ø 3 Socatt®	1/8	7	QSMA/7/753	6,000	12,000	●	10
	1/8	8	QSMA/8/753	6,000	12,000	●	10
	1/4	5	QSMA/5/756	6,000	12,000	●	10
	1/4	6	QSMA/6/756	6,000	12,000	●	10
	1/4	7	QSMA/7/756	6,000	12,000	●	10
	1/4	8	QSMA/8/756	6,000	12,000	●	10

Socatt®, Lockit® and Roloc® are brandnames of the 3M Company.

ALUMINIUM OXIDE

MOUNTED POINTS

shape		diameter	spindle diam.	density	code	max TPM*	stock	
A21		Ø 1	Ø 1/4	8	MAUS/8/A21	34,500	●	5
A25		Ø 1	Ø 1/4	8	MAUS/8/A25	35,600	●	5
B121		Ø 1/2	Ø 1/8	8	MAUS/8/B121	45,300	●	5
B52		Ø 3/8	Ø 1/8	8	MAUS/8/B52	45,300	●	5
B90		Ø 1/2	Ø 1/8	8	MAUS/8/B90	34,500	●	5
W160		Ø 1/4	Ø 1/8	8	MAUS/8/W160	81,300	●	5
W163		Ø 1/4	Ø 1/8	8	MAUS/8/W163	60,000	●	5
W183		Ø 1/2	Ø 1/8	8	MAUS/8/W183	51,700	●	5
W185		Ø 1/2	Ø 1/8	8	MAUS/8/W185	34,500	●	5
W220		Ø 1	Ø 1/4	8	MAUS/8/W220	25,000	●	5

* Max. RPM with a maximum free spindle length of 1/2".

F-LINE

Aggressive and extremely flexible.

Ideal for: Removing weld discoloration, removing lacquers and coatings, blending.

Also suitable for: Deburring, removing scratches and milling lines, cleaning, removing oxidation, removing weld seams, improving surface roughness, finishing.

F-line

ABRASIVE WHEELS WITH CENTER HOLE

ALUMINIUM OXIDE

diam.	thick-ness	center hole	density	code	adviced RPM	max RPM	stock	
Ø 6	1/2	Ø 1	3	FA3T32	3,000	6,000	●	3
	1/2	Ø 1	4	FA4T32	3,000	6,000	●	3
	1/2	Ø 1	5	FA5T32	3,000	6,000	●	3
	1	Ø 1	3	FA3T33	3,000	6,000	●	1
	1	Ø 1	4	FA4T33	3,000	6,000	●	1
	1	Ø 1	5	FA5T33	3,000	6,000	●	1
Ø 8	1/2	Ø 1	3	FA3T401	2,250	4,500	●	2
	1/2	Ø 1	4	FA4T401	2,250	4,500	●	2
	1/2	Ø 1	5	FA5T401	2,250	4,500	●	2
	1	Ø 1	3	FA3T411	2,250	4,500	●	2
	1	Ø 1	4	FA4T411	2,250	4,500	●	2
	1	Ø 1	5	FA5T411	2,250	4,500	●	2

SPINDLE MOUNTED WHEELS

ALUMINIUM OXIDE

diam.	thick-ness	spindle diam.	density	code	adviced RPM	max RPM	stock	
Ø 2	1/2	Ø 1/4	4	FAUS/4/50136	11,000	22,500	●	5
	1/2	Ø 1/4	5	FAUS/5/50136	11,000	22,500	●	5
	1	Ø 1/4	4	FAUS/4/50256	11,000	22,500	●	5
	1	Ø 1/4	5	FAUS/5/50256	11,000	22,500	●	5

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● = available from stock ● = consult for leadtime

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SPINDLE MOUNTED WHEELS

diam.	thick-ness	spindle diam.	density	code	adviced RPM	max RPM	stock	
Ø 3	1/2	Ø 1/4	4	FAUS/4/75136	7,500	15,000	●	5
	1/2	Ø 1/4	5	FAUS/5/75136	7,500	15,000	●	5
	1	Ø 1/4	4	FAUS/4/75256	7,500	15,000	●	5
	1	Ø 1/4	5	FAUS/5/75256	7,500	15,000	●	5
	2	Ø 1/4	4	FAUS/4/75506	7,500	15,000	●	5
	2	Ø 1/4	5	FAUS/5/75506	7,500	15,000	●	5
Ø 4	1/2	Ø 1/4	4	FAUS/4/100136	6,000	12,000	●	5
	1/2	Ø 1/4	5	FAUS/5/100136	6,000	12,000	●	5
	1	Ø 1/4	4	FAUS/4/100256	6,000	12,000	●	5
	1	Ø 1/4	5	FAUS/5/100256	6,000	12,000	●	5
	2	Ø 1/4	4	FAUS/4/100506	6,000	12,000	●	5
	2	Ø 1/4	5	FAUS/5/100506	6,000	12,000	●	5

ALUMINIUM OXIDE

DISCS ON GLASS FIBRE BACKING - FLAT

dimensions	density	code	adviced RPM	max RPM	stock	
Ø 4-1/2 x 7/8	3	FAG/3/115	5,000	10,000	●	5
	4	FAG/4/115	5,000	10,000	●	5
	5	FAG/5/115	5,000	10,000	●	5
Ø 5 x 7/8	3	FAG/3/125	4,000	8,000	●	5
	4	FAG/4/125	4,000	8,000	●	5
	5	FAG/5/125	4,000	8,000	●	5
Ø 4-1/2 x 5/8-11	3	FAG/3/115/GP58	5,000	10,000	●	5
	4	FAG/4/115/GP58	5,000	10,000	●	5
	5	FAG/5/115/GP58	5,000	10,000	●	5
Ø 5 x 5/8-11	3	FAG/3/125/GP58	4,000	8,000	●	5
	4	FAG/4/125/GP58	4,000	8,000	●	5
	5	FAG/5/125/GP58	4,000	8,000	●	5

QUICK CHANGE

ALUMINIUM OXIDE

diameter	thick-ness	density	code	adviced RPM	max RPM	stock	
Ø 2 Lockit® / Roloc®	1/2	3	QLFA/3/5013	6,000	12,000	●	10
	1/2	4	QLFA/4/5013	6,000	12,000	●	10
	1/2	5	QLFA/5/5013	6,000	12,000	●	10
Ø 3 Lockit® / Roloc®	1/2	3	QLFA/3/7513	6,000	12,000	●	10
	1/2	4	QLFA/4/7513	6,000	12,000	●	10
	1/2	5	QLFA/5/7513	6,000	12,000	●	10
Ø 2 Socatt®	1/2	3	QSFA/3/5013	6,000	12,000	●	10
	1/2	4	QSFA/4/5013	6,000	12,000	●	10
	1/2	5	QSFA/5/5013	6,000	12,000	●	10
Ø 3 Socatt®	1/2	3	QSFA/3/7513	6,000	12,000	●	10
	1/2	4	QSFA/4/7513	6,000	12,000	●	10
	1/2	5	QSFA/5/7513	6,000	12,000	●	10

Socatt®, Lockit® and Roloc® are brandnames of the 3M Company.

● = available from stock ● = consult for leadtime

T-line

T-LINE

Aggressive and extremely hard quality. fast and controlled stock removal with acceptable finish.

Ideal for: Aggressive grinding with fast and controlled stock removal.

Also suitable for: Deburring, blending, removing scratches and milling lines, removing weld seams, improving surface roughness.

ENGINEERED

ABRASIVE WHEELS WITH CENTER HOLE

diam.	thick-ness	center hole	density	code	adviced RPM	max RPM	stock	
Ø 2	3/16	Ø 1/4	9	TA9T11	18,000	22000	●	10
	3/16	Ø 1/4	10	TA10T11	18,000	22000	●	10
	1/4	Ø 1/4	9	TA9T12	18,000	22000	●	10
	1/4	Ø 1/4	10	TA10T12	18,000	22000	●	10
Ø 3	3/16	Ø 1/4	9	TA9T20	6,000	12,000	●	10
	3/16	Ø 1/4	10	TA10T20	6,000	12,000	●	10
	1/4	Ø 1/4	9	TA9T21	6,000	12,000	●	10
	1/4	Ø 1/4	10	TA10T21	6,000	12,000	●	10
Ø 4	3/16	Ø 1/4	9	TA9T22	4,500	9000	●	10
	3/16	Ø 1/4	10	TA10T22	4,500	9000	●	10
	1/4	Ø 1/4	9	TA9T23	4,500	9000	●	10
	1/4	Ø 1/4	10	TA10T23	4,500	9000	●	10
Ø 5	3/16	Ø 7/8	9	TA9S121R/4	7000	10500	●	10
	3/16	Ø 7/8	10	TA10S121R/4	7000	10500	●	10
	1/4	Ø 7/8	9	TA9S121R/6	7000	10500	●	10
	1/4	Ø 7/8	10	TA10S121R/6	7000	10500	●	10
Ø 6	3/16	Ø 1	9	TA9T30	5500	8,000	●	6
	3/16	Ø 1	10	TA10T30	5500	8,000	●	6
	1/4	Ø 1	9	TA9T31	5500	8,000	●	4
	1/4	Ø 1	10	TA10T31	5500	8,000	●	4

DISCS ON GLASS FIBRE BACKING - FLAT

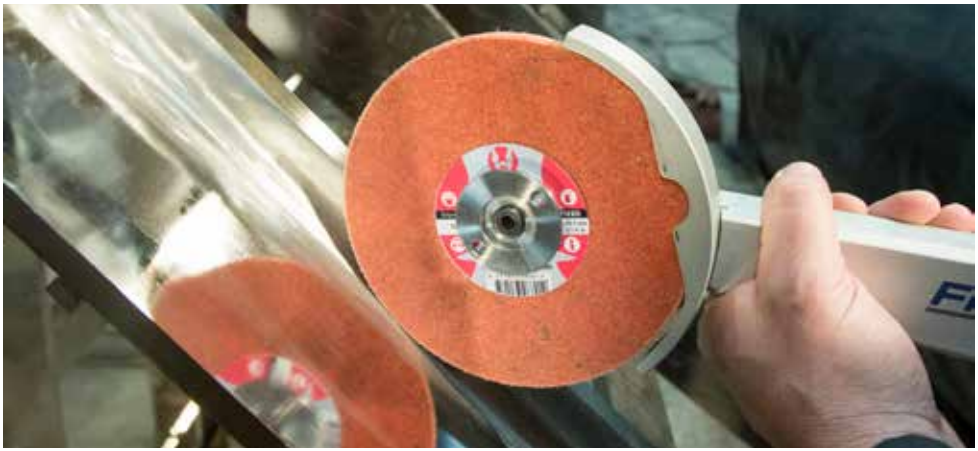
ENGINEERED

dimensions	density	code	adviced RPM	max RPM	stock	
Ø 4-1/2x7/8	9	**TAG/9/115**	5,000	10,000	●	5
	10	**TAG/10/115**	5,000	10,000	●	5
Ø 5x7/8	9	**TAG/9/125**	4,000	8,000	●	5
	10	**TAG/10/125**	4,000	8,000	●	5

MOUNTED POINTS

ENGINEERED

shape		diameter	spindle diam.	density	code	max RPM*	stock	
A21		Ø 1	Ø 1/4	10	**TAUS/10/A21**	51,700	●	5
B121		Ø 3/8	Ø 1/8	10	**TAUS/10/B121**	45,300	●	5
B52		Ø 3/8	Ø 1/8	10	**TAUS/10/B52**	45,300	●	5
B90		Ø 1/2	Ø 1/8	10	**TAUS/10/B90**	34,500	●	5
W163		Ø 1/4	Ø 1/8	10	**TAUS/10/W163**	60,000	●	5
W183		Ø 1/2	Ø 1/8	10	**TAUS/10/W183**	51700	●	5
W185		Ø 1/2	Ø 1/8	10	**TAUS/10/W185**	34,500	●	5

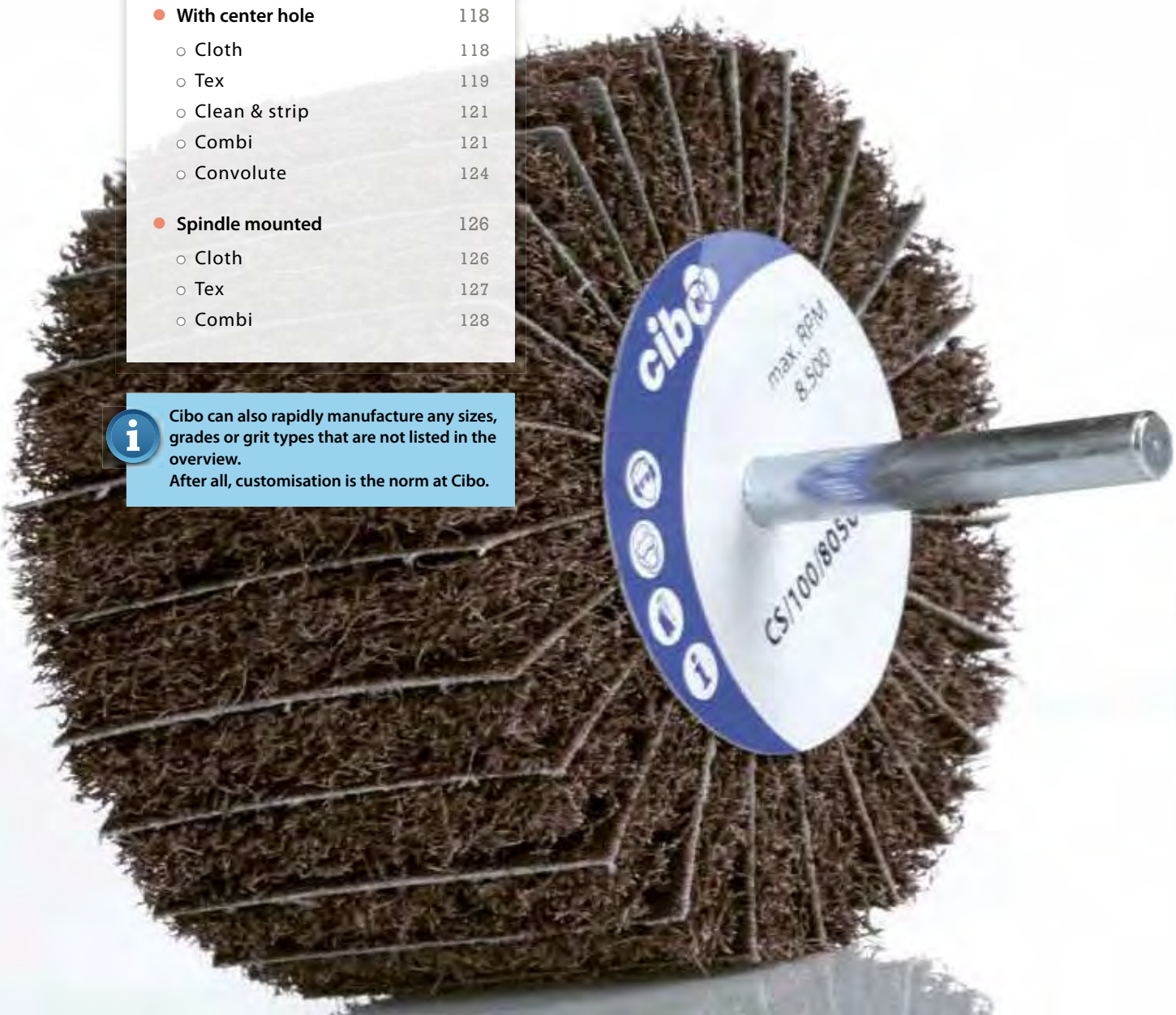


* Max. RPM with a maximum free spindle length of 1/2"

● = available from stock ● = consult for leadtime

FINISHING WHEELS

Cibo can also rapidly manufacture any sizes, grades or grit types that are not listed in the overview.
After all, customisation is the norm at Cibo.



FINISHING WHEELS

Cloth flap wheels

CLOTH

FINIMASTER BASIC AND OTHER BURNISHING MACHINES - DOUBLE KEYWAY

Applications:
- Grinding
- Roughing
- Cleaning
- Satinising
- Deburring

To be mounted on: Finimaster Basic and other satinising machines

diam.	width	center hole	grit	code	max RPM	stock	
Ø 4	2	Ø 3/4	24	**FMLA/24/10050**	5,700	●	2
	2	Ø 3/4	40	**FMLA/40/10050**	5,700	●	2
	2	Ø 3/4	60	**FMLA/60/10050**	5,700	●	2
	2	Ø 3/4	80	**FMLA/80/10050**	5,700	●	2
	2	Ø 3/4	120	**FMLA/120/10050**	5,700	●	2
	2	Ø 3/4	180	**FMLA/180/10050**	5,700	●	2
	2	Ø 3/4	240	**FMLA/240/10050**	5,700	●	2
	2	Ø 3/4	320	**FMLA/320/10050**	5,700	●	2
	4	Ø 3/4	24	**FMLA/24/100100**	5,700	●	1
	4	Ø 3/4	40	**FMLA/40/100100**	5,700	●	1
	4	Ø 3/4	60	**FMLA/60/100100**	5,700	●	1
	4	Ø 3/4	80	**FMLA/80/100100**	5,700	●	1
	4	Ø 3/4	120	**FMLA/120/100100**	5,700	●	1
	4	Ø 3/4	180	**FMLA/180/100100**	5,700	●	1
	4	Ø 3/4	240	**FMLA/240/100100**	5,700	●	1
	4	Ø 3/4	320	**FMLA/320/100100**	5,700	●	1

- Never use too much pressure: the flaps will become distorted and the cutting capacity will decrease.
- In case of slow material removal, it is better to choose a coarser grit type than to increase the pressure or the circumferential speed.

Tex flap wheels

FINIMASTER BASIC AND OTHER BURNISHING MACHINES - DOUBLE KEYWAY

TEX

Applications:
- Cleaning
- Satinising
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- Removal of rust and oxidation

To be mounted on: Finimaster Basic and other satinising machines

diam.	width	center hole	grit	code	max RPM	stock	
Ø 4	2	Ø 3/4	80	**FMTA/CO/10050**	5,700	●	2
	2	Ø 3/4	180	**FMTA/ME/10050**	5,700	●	2
	2	Ø 3/4	280	**FMTA/F/10050**	5,700	●	2
	2	Ø 3/4	400	**FMTA/VF/10050**	5,700	●	2
	2	Ø 3/4	600	**FMTA/UF/10050**	5,700	●	2
	2	Ø 3/4	CP	**FMTA/CP/10050**	5,700	●	2
	4	Ø 3/4	80	**FMTA/CO/100100**	5,700	●	1
	4	Ø 3/4	180	**FMTA/ME/100100**	5,700	●	1
	4	Ø 3/4	280	**FMTA/F/100100**	5,700	●	1
	4	Ø 3/4	400	**FMTA/VF/100100**	5,700	●	1
	4	Ø 3/4	600	**FMTA/UF/100100**	5,700	●	1
	4	Ø 3/4	CP	**FMTA/CP/100100**	5,700	●	1

When tex flap wheels are used we do not recommend very high pressure because this causes heat generation and does not increase efficiency. In addition, too high pressure has a negative impact on the efficiency and lifespan and requires the use of excessive energy from both the operator and the machine.

● = available from stock ● = consult for leadtime

Tex flap wheels

TEX

FINIMASTER PRO – 5/8"-11

Applications:
- Cleaning
- Satinising
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- Removing rust and oxidation

To be mounted on:
- Finimaster Pro
- 2" wide wheels: variable speed grinders

diam.	width	attach-ment	grit	code	max RPM	stock	
Ø 4-3/4	2	5/8-11	80	**FMTW/CO/12050**	4,200	●	1
	2	5/8-11	180	**FMTW/M/12050**	4,200	●	1
	2	5/8-11	280	**FMTW/F/12050**	4,200	●	1
	2	5/8-11	400	**FMTW/VF/12050**	4,200	●	1
	2	5/8-11	600	**FMTW/UF/12050**	4,200	●	1
	2	5/8-11	CP	**FMTW/CP/12050**	4,200	●	1
	4-1/4	5/8-11	80	**FMTW/CO/120110**	4,200	●	1
	4-1/4	5/8-11	180	**FMTW/M/120110**	4,200	●	1
	4-1/4	5/8-11	280	**FMTW/F/120110**	4,200	●	1
	4-1/4	5/8-11	400	**FMTW/VF/120110**	4,200	●	1
	4-1/4	5/8-11	600	**FMTW/UF/120110**	4,200	●	1
	4-1/4	5/8-11	CP	**FMTW/CP/120110**	4,200	●	1

Did you know *you can easily mount 50 mm wide wheels on your variable speed grinder in order to very easily apply a perfect brush structure?*

Clean & strip-wheels

FINIMASTER BASIC AND OTHER BURNISHING MACHINES - DOUBLE KEYWAY

CSD

Applications:
- Cleaning weld seams
- Removal of lacquer, paints and epoxy layers
- Removal of rust
- Roughing surfaces to apply glue and coatings

To be mounted on: Finimaster Basic and other satinising machines

diam.	width	center hole	code	max RPM	stock	
Ø 4	4	Ø 3/4	**FMCS100100**	5,700	●	1

Combination flap wheels

FINIMASTER BASIC AND OTHER BURNISHING MACHINES - DOUBLE KEYWAY

COMBI

Applications:
- Cleaning
- Satinising
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- Removing rust and oxidation
- Removing scratches
- Applying line structure

To be mounted on: Finimaster Basic and other satinising machines

diam.	width	center hole	grit	code	max RPM	stock	
Ø 4	2	Ø 3/4	80	**FMCA/80/10050**	5,700	●	2
	2	Ø 3/4	180	**FMCA/180/10050**	5,700	●	2
	4	Ø 3/4	80	**FMCA/80/100100**	5,700	●	1
	4	Ø 3/4	180	**FMCA/180/100100**	5,700	●	1

If the machine allows it, you should work at low speed and low working pressure. A higher speed does allow a higher pressure, but has a negative impact on the lifespan and the stock removal capacity of the grinding wheels.

● = available from stock ● = consult for leadtime

Combination flap wheels – CERAMIC

COMBI

FINIMASTER BASIC AND OTHER BURNISHING MACHINES - DOUBLE KEYWAY

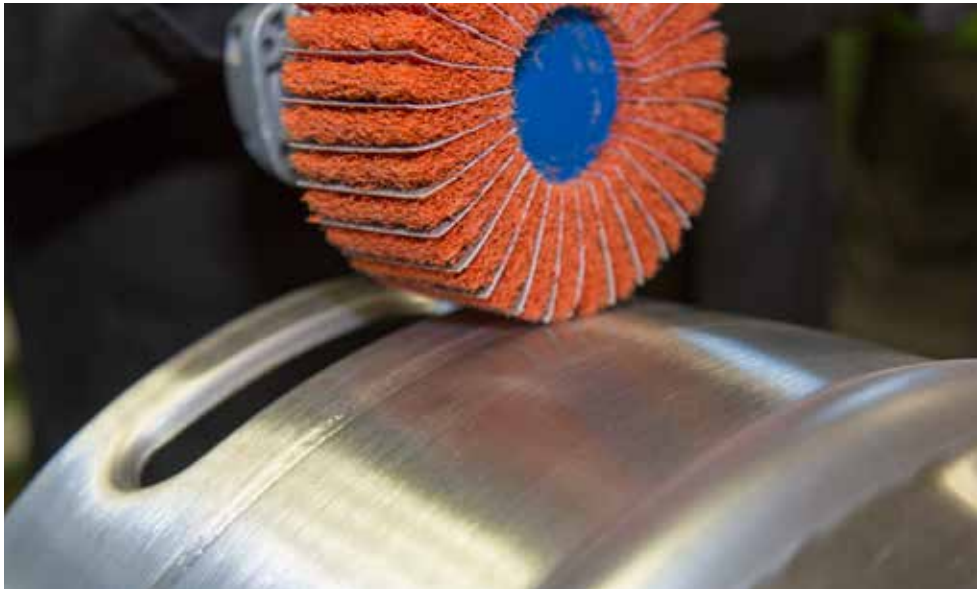
Applications:
- Brush thin (curved) plates
- Clean up surfaces to be welded
- Remove damage or machine markings and refinish in one go
- Completely remove mill scale (cold rolled) and brush to industrial finish 220 in one process
- Prepare surfaces for paints and coatings

Properties:
- Low-temperature grinding
- Soft abrasive contact and low vibrations
- Two functions: press hard = aggressive grinding; less pressure = finer finish

To be mounted on: Finimaster and other burnishing machines

diam.	width	center hole	grit	code	max RPM	stock	
Ø 4	2	Ø 3/4	60	**FMCAC/60/10050**	5,700	●	2
	4	Ø 3/4	60	**FMCAC/60/100100**	5,700	●	1

Did you know *you can easily mount 50 mm wide wheels on your adjustable angle grinder in order to very easily apply a perfect brush structure?*



Combination flap wheels

FINIMASTER PRO – 5/8-11

COMBI

Applications:
- Cleaning
- Satinising
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- Removing rust and oxidation
- Removing scratches
- Applying line structure

To be mounted on:
- Finimaster Pro
- 2" wide wheels: adjustable angle grinder

diam.	width	attach-ment	grit	code	max RPM	stock	
Ø 4-3/4	2	5/8-11	80	**FMCW/80/12050**	4,200	●	1
	2	5/8-11	180	**FMCW/180/12050**	4,200	●	1
	4-1/4	5/8-11	80	**FMCW/80/120110**	4,200	●	1
	4-1/4	5/8-11	180	**FMCW/180/120110**	4,200	●	1

Ceramic combi wheel

FINIMASTER PRO – 5/8-11

COMBI

Applications:
- Cleaning
- Satinising
- Applying a decorative finish to, amongst others, stainless steel, aluminium and brass
- Removing rust and oxidation
- Removing scratches
- Applying line structure

To be mounted on:
- Finimaster Pro
- 50 mm wide wheels: adjustable angle grinder

diam.	width	attach-ment	grit	code	max RPM	stock	
Ø 4-3/4	2	5/8-11	60	**FMCWC/60/12050**	4,200	●	1
	4-1/4	5/8-11	60	**FMCWC/60/120110**	4,200	●	1

Did you know *you can easily mount 50 mm wide wheels on your adjustable angle grinder in order to very easily apply a perfect brush structure?*

● = available from stock ● = consult for leadtime

Convolute wheels

CONVOLUTE

CONVOLUTE WHEELS SA

Applications: Deburring, cleaning, brushing, structuring, finishing, removing scratches, satinising, improving surface roughness and removing oxidation, rust and scale

To be mounted on:
- Finit-Easy
- Stationary machines
- Wheels Ø 6": heavy industrial machines with flexible shafts

diam.	width	center hole	density	code	adviced RPM	max RPM	stock	
Ø 6	1/4	Ø 1	SA1	**SA1T31**	4,500	6,000	●	6
	1/4	Ø 1	SA2	**SA2T31**	4,500	6,000	●	6
	1/4	Ø 1	SA3	**SA3T31**	4,500	6,000	●	6
	1	Ø 1	SA1	**SA1T33**	4,500	6,000	●	3
	1	Ø 1	SA2	**SA2T33**	4,500	6,000	●	3
	1	Ø 1	SA3	**SA3T33**	4,500	6,000	●	3
	1	Ø 1	SA4	**SA4T33**	3,000	6,000	●	3
	2	Ø 1	SA1	**SA1T34**	4,500	6,000	●	2
	2	Ø 1	SA2	**SA2T34**	4,500	6,000	●	2
	2	Ø 1	SA3	**SA3T34**	4,500	6,000	●	2
	2	Ø 1	SA4	**SA4T34**	3,000	6,000	●	2
Ø 8	1/2	Ø 3	SA1	**SA1T40**	3,450	4,500	●	2
	1/2	Ø 3	SA2	**SA2T40**	3,450	4,500	●	2
	1/2	Ø 3	SA3	**SA3T40**	3,450	4,500	●	2
	1/2	Ø 3	SA4	**SA4T40**	2,250	4,500	●	2
	1	Ø 3	SA1	**SA1T41**	3,450	4,500	●	3
	1	Ø 3	SA2	**SA2T41**	3,450	4,500	●	3
	1	Ø 3	SA3	**SA3T41**	3,450	4,500	●	3
	1	Ø 3	SA4	**SA4T41**	2,250	4,500	●	3
	2	Ø 3	SA1	**SA1T42**	3,450	4,500	●	2
	2	Ø 3	SA2	**SA2T42**	3,450	4,500	●	2
	2	Ø 3	SA3	**SA3T42**	3,450	4,500	●	2
	2	Ø 3	SA4	**SA4T42**	2,250	4,500	●	2
Ø 12	2	Ø 5	SA1	**SA1T50**	2,500	3,000	●	1

ADVICE CONVOLUTE

	+			–
shape firmness	most unalterable			least unalterable
	SA1	**SA2**	**SA3**	**SA4**
can be profiled	difficult			easy
	SA1	**SA2**	**SA3**	**SA4**
density	hard			soft
	SA1	**SA2**	**SA3**	**SA4**
material removal	most aggressive			least aggressive
	SA1	**SA2**	**SA3**	**SA4**
finish	finer finish			coarser finish
	SA1	**SA2**	**SA3**	**SA4**

● = available from stock ● = consult for leadtime

Ball spindle mounted wheels

CLOTH

CLOTH FLAP WHEELS

Applications:
- Finishing of inside tube joints
- Sanding of hollow forms
- Deburring of bores
- Finishing of deep drawn parts, milled workpieces and extrusions

diam.	spindle diam.	grit	code	adviced RPM	max RPM	stock	
Ø 3/4	Ø 1/4	60	**LSBZI/60/206**	8,800	22,000	●	10
	Ø 1/4	80	**LSBZI/80/206**	6,800	22,000	●	10
	Ø 1/4	120	**LSBZI/120/206**	9,500	22,000	●	10
Ø 1	Ø 1/4	40	**LSBZI/40/306**	8,800	19,500	●	10
	Ø 1/4	60	**LSBZI/60/306**	8,800	19,500	●	10
	Ø 1/4	80	**LSBZI/80/306**	6,800	19,500	●	10
	Ø 1/4	120	**LSBZI/120/306**	9,500	19,500	●	10
Ø 2	Ø 1/4	40	**LSBZI/40/506**	8,800	11,500	●	10
	Ø 1/4	60	**LSBZI/60/506**	6,800	11,500	●	10
	Ø 1/4	80	**LSBZI/80/506**	6,800	11,500	●	10
	Ø 1/4	120	**LSBZI/120/506**	9,500	11,500	●	10

Spindle mounted wheels

TEX FLAP WHEELS

TEX

Properties :
- Fine finish
- Brush structure
- Soft grinding contact
- Flexible and comfortable operation

Applications:
- Brushing stainless steel, aluminium and brass
- Cleaning surfaces
- Removing oxidation
- Removing wood pulp
- Roughing surfaces
- Grinding lacquer, varnish, polyester, etc. primer and interlayer.

To be mounted on:
- Portable straight grinders
- Drive motors with flexible shaft

diam.	width	spindle diam.	grit	code	max RPM	stock	
Ø 1	3/4	Ø 1/4	F	**TS/F/30206**	18,500	●	10
	3/4	Ø 1/4	VF	**TS/VF/30206**	18,500	●	10
Ø 2	1	Ø 1/4	F	**TS/F/50256**	13,500	●	10
	1	Ø 1/4	VF	**TS/VF/50256**	13,500	●	10
	1	Ø 1/4	CP	**TS/CP/50256**	13,500	●	10
Ø 2-3/8	1	Ø 1/4	M	**TS/M/60306**	11,500	●	10
	1	Ø 1/4	F	**TS/F/60306**	11,500	●	10
	1	Ø 1/4	CP	**TS/CP/60306**	11,500	●	10
	1	Ø 1/4	VF	**TS/VF/60306**	11,500	●	10
Ø 3	2	Ø 1/4	M	**TS/M/80506**	8,500	●	10
	2	Ø 1/4	F	**TS/F/80506**	8,500	●	10
	2	Ø 1/4	VF	**TS/VF/80506**	8,500	●	10
	2	Ø 1/4	CP	**TS/CP/80506**	8,500	●	10
Ø 4	2	Ø 1/4	M	**TS/M/100506**	6,400	●	6
	2	Ø 1/4	F	**TS/F/100506**	6,400	●	6
	2	Ø 1/4	VF	**TS/VF/100506**	6,400	●	6
	2	Ø 1/4	CP	**TS/CP/100506**	6,400	●	6

For other dimensions or densities: contact CIBO.

● = available from stock ● = consult for leadtime

Ceramic wheels

COMBI

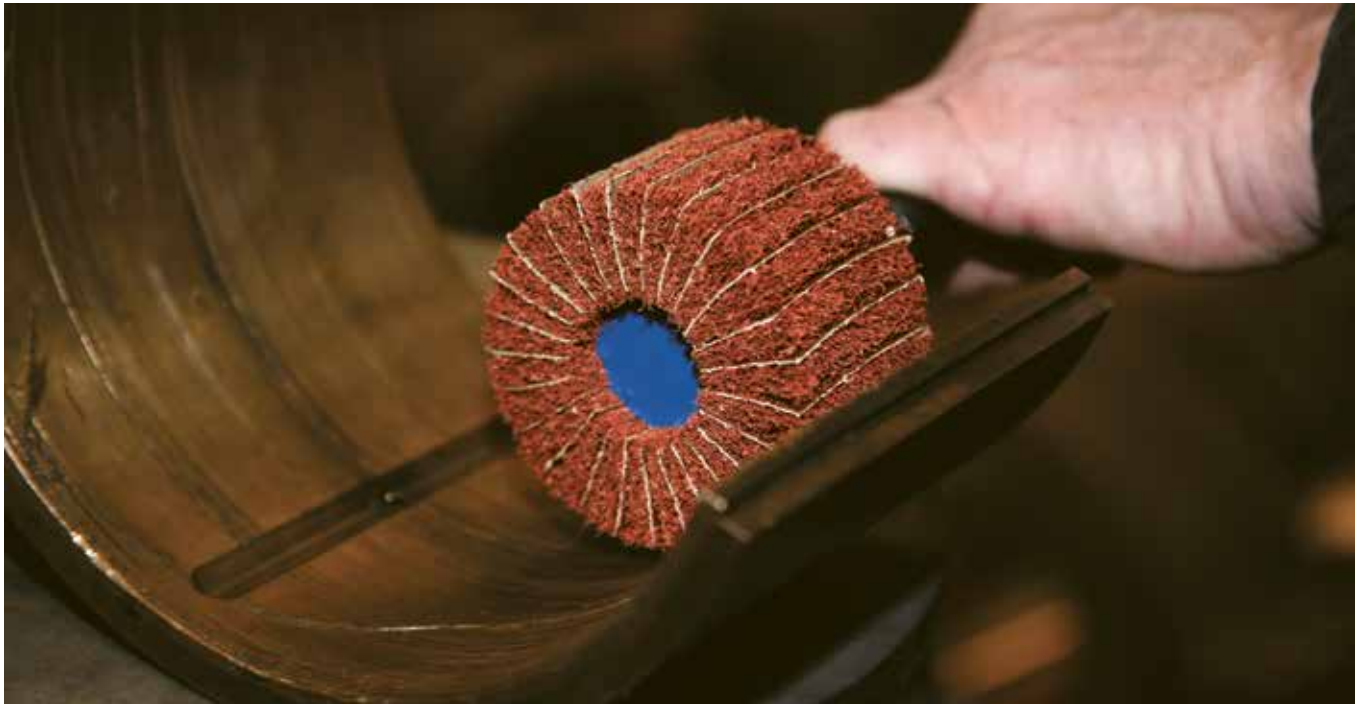
CERAMIC WHEELS

Applications:
- Brush thin (curved) plates
- Clean up surfaces to be welded
- Remove damage or machine markings and refinish in one go
- Completely remove mill scale (cold rolled) and brush to industrial finish 220 in one process
- Prepare surfaces for paints and coatings

Properties:
- Low-temperature grinding
- Soft abrasive contact and low vibrations
- Two functions: press hard = aggressive grinding; less pressure = finer finish

To be mounted on:
- Portable straight grinders
- Drive motors with flexible shaft

diam.	width	spindle diam.	grit	code	max RPM	stock	
Ø 3	2	Ø 1/4	60	**CSC/60/80506**	8,500	●	10
Ø 4	2	Ø 1/4	60	**CSC/60/100506**	6,400	●	6



Spindle mounted wheels

COMBINED SPINDLE MOUNTED FLAP WHEELS – CLOTH/TEX

COMBI

Properties :
- Light stock removal
- Soft grinding contact
- Finishing line structure
- Material removal and beautiful finish in 1 operation.

Applications:
- Finishing stainless steel in kitchens, amongst others, cooker hoods and sinks
- Working and finishing stainless steel, aluminium, brass, etc.
- Same applications as tex spindle mounted grinding wheels, but more aggressive because of the cloth flaps
- Fine deburring, perfect finish
- Valued for all applications where a regular, fine line structure is required

To be mounted on:
- Portable straight grinders
- Drive motor with flexible shaft

diam.	width	spindle diam.	grit	code	max RPM	stock	
Ø 1	3/4	Ø 1/4	100	**CS/100/30206**	20,000	●	10
	3/4	Ø 1/4	150	**CS/150/30206**	20,000	●	10
	3/4	Ø 1/4	240	**CS/240/30206**	20,000	●	10
Ø 2	1	Ø 1/4	100	**CS/100/50256**	13,500	●	10
	1	Ø 1/4	150	**CS/150/50256**	13,500	●	10
	1	Ø 1/4	240	**CS/240/50256**	13,500	●	10
Ø 2-3/8	1	Ø 1/4	60	**CS/60/60306**	12,500	●	10
	1	Ø 1/4	100	**CS/100/60306**	12,500	●	10
	1	Ø 1/4	150	**CS/150/60306**	12,500	●	10
	1	Ø 1/4	240	**CS/240/60306**	12,500	●	10
Ø 3	2	Ø 1/4	60	**CS/60/80506**	8,500	●	10
	2	Ø 1/4	100	**CS/100/80506**	8,500	●	10
	2	Ø 1/4	150	**CS/150/80506**	8,500	●	10
	2	Ø 1/4	240	**CS/240/80506**	8,500	●	10
Ø 4	2	Ø 1/4	60	**CS/60/100506**	6,400	●	6
	2	Ø 1/4	100	**CS/100/100506**	6,400	●	6
	2	Ø 1/4	150	**CS/150/100506**	6,400	●	6
	2	Ø 1/4	240	**CS/240/100506**	6,400	●	6

Never exceed the maximum permitted speed!

TIP! Lower speed: increases your work comfort, extends the lifespan of the wheel and improves your finish.

● = available from stock ● = consult for leadtime

MATERIAL OVERVIEW TABLE

ABRASIVE MATERIALS AND APPLICATIONS

USE OF THE TABLE

In this chapter we have listed all possible basic abrasive materials. The overview provides the grit type, the backing, the top coating if present, whether the material is waterproof, the grit size range, etc., for each type. At the end of the table, is mentioned for which application the material is suited and in which forms the material is available. Based on the properties discussed, you can then select the material that is best suited for your specific application.

If you know the final form (disc, roll, belt or sheet) you can also consult the relevant chapter.

Are you having difficulty getting a clear picture? Please do not hesitate to contact one of our experts. They will be more than happy to help you choose the best abrasive material for your specific application.

	Type	Backing	Weight	Type of grit	Top Coating	Waterproof	Maximum width	Properties
CLOTH	**TF41**	Cotton	F	A/O	–	–	56"	Very flexible abrasive cloth, for manual use in metal working. Also a perfect partner for grinding hard wood types.
	JF4T	Polyester-cotton	J/F	A/O	●	–	56"	High-quality aluminium oxide on a very flexible base with grinding aids. A technically innovative product with exceptional properties. Cool grinding process without discolouration. Ideally suited for high-quality finishing of medical implants, surgical instruments, knives, turbine blades, etc. Ideal quality for creating a consistent and equal finish on stainless steel. Its flexible base allows the JF4T to adapt easily to the shape of the workpiece.
	TZ59	Cotton	X	ZIRC.	–	–	56"	High-quality aluminium/alumina zirconia oxide on a highly resistant "X" backing. Ideal for professional applications on stainless steel, aluminium, metal, non-ferrous metals and hard wood.
	HZ72	Polyester	Y	ZIRC.	–	💧	56"	High-quality aluminium/alumina zirconia oxide on a highly resistant "Y" polyester backing. Ideal for demanding applications on stainless steel, aluminum, metal and non-ferrous metal. High cut rate. Can be used both wet and dry.
	FX87	Polyester	Y	CER.	●	💧	58"	High-quality ceramic abrasive grit with an active abrasive ingredient on a highly tear-resistant polyester backing. The most up-to-date self-sharpening ceramic grit makes the FX87 a real top product. FX87 is characterised by high machining capacity, even on high alloy steel. The FX87 performs best under average or high working pressure and with a moderate to hard abrasive contact.

GRIT DESIGNATION

For most of the materials mentioned in the table, the range of grit size is given in the FEPA-indication (P). Only a different grit is used with Micro-Mesh and Trizact™, preceded by a letter code (see conversion table p. 55). For the tex and surface conditioning materials, no FEPA-grit indication is used . A letter indicator is used for the grit size of tex and surface conditioning .

	APPLICATIONS												FORMS				
Grit range (P)	**Metal**	**Stainless steel**	**High-quality alloys**	**Non-ferrous**	**Aluminium**	**Hard wood**	**Soft wood**	**Glass/Stone**	**Plastics/ Rubber**	**Car repair**	**Lacquers/Varnishes**	**Leather**	**Rolls**	**Belts**	**Discs**	**Sheets**	**Grip**
36-40-50-60-80-100-120-150-180-220-240-280-320	●	●	●	●	●	●	○		○		○		●			●	
J (60-80-100-120); F (150-180-220-320-400)	●	●	●	●	●									●			
36-40-50-60-80-100-120	●	●		●	●	●	○							●	●		●
24-36-40-50-60-80-120	●	●	○	●	●	○	○							●	●		●
36-40-50-60-80-100-120	●	●	●	○	○									●	●		●

● = recommended application ○ = possible application

	Type	Backing	Weight	Type of grit	Top Coating	Waterproof	Maximum width	Properties
CLOTH	**237AA**	Cotton	X	A/O Trizact™	–	–	26"	This is a product of the Trizact™ family (3M). Trizact™ is an innovative grinding material produced with perfectly calibrated aluminium oxide grit in a pyramid shape. This three-dimensional grit of identical height ensure quick stock removal and an even and replicable finish without deep scratching or risk of burrs. This product has been especially developed for material that is difficult to work, such as stainless steel and exotic alloys, as used in aviation and space travel and in the medical sector. In addition, it has been used successfully in the finishing of copper, bronze, aluminium, composite materials and synthetic materials. The 237AA is not suited for use on titanium.
	337DC	Cotton	X	A/O Trizact™	–	–	26"	The properties of the quality of the 337DC Trizact™ are similar to those of the 237AA, but the 337DC has a higher stock removal capacity.
TEX	**A/O**	Nylon web	–	A/O	–	💧	59"	The nylon fibres are combined into a three- dimensional web structure using thermo-setting synthetic resin, and are available in various grit types with an aluminium oxide grit. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. A/O creates a good long-lasting finish at high speeds.
	S/C	Nylon web	–	S/C	–	💧	59"	The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin, and are available in various grit sizes with silicon carbide grit. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. In comparison with the A/O, S/C provides a finer, more even and matt texture. Primarily used to create a decorative finish.
	CPC	Nylon web	–	A/O CPC	–	💧	16"	The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin with an aluminium oxide grit type. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. CP has an increased grinding capacity at higher speeds. This material provides the brush structure with a slightly glossy effect.

	APPLICATIONS												FORMS				
Grit range (P)	Metal	Stainless steel	High-quality alloys	Non-ferrous	Aluminium	Hard wood	Soft wood	Glass/Stone	Plastics/ Rubber	Car repair	Lacquers/ Varnishes	Leather	Rolls	Belts	Discs	Sheets	Grip
A160 (P120)-A100 (P200)-A80 (P240)-A65 (P280)-A45 (P400)-A30 (P800)-A16 (P1400)-A6 (P2000)	○	●	●	●	●									●	●		●
A300 (P80)-A160 (P120)-A100 (P200)-A65 (P280)-A45 (P400)	○	●	●	●	●									●	●		●
A-Coarse - A-Medium - A-Fine - A-Very Fine STRONG - A-Very Fine SOFT - A-Very Fine ULTRACUT - A-Very Fine PP	●	●	○	○	○	●	●	○	○	●	●	○	●		●	●	●
S-Medium - S-Fine - S-Very Fine - S-Ultra Fine 600 - S-Ultra Fine 1000 - S-Ultra Fine 1200	○	●	●	●	●	○	○	○	●	●	●	○	●		●	●	●
CPC	●	●	○	○	○	○	○		○	○	○	○	●		●	●	●

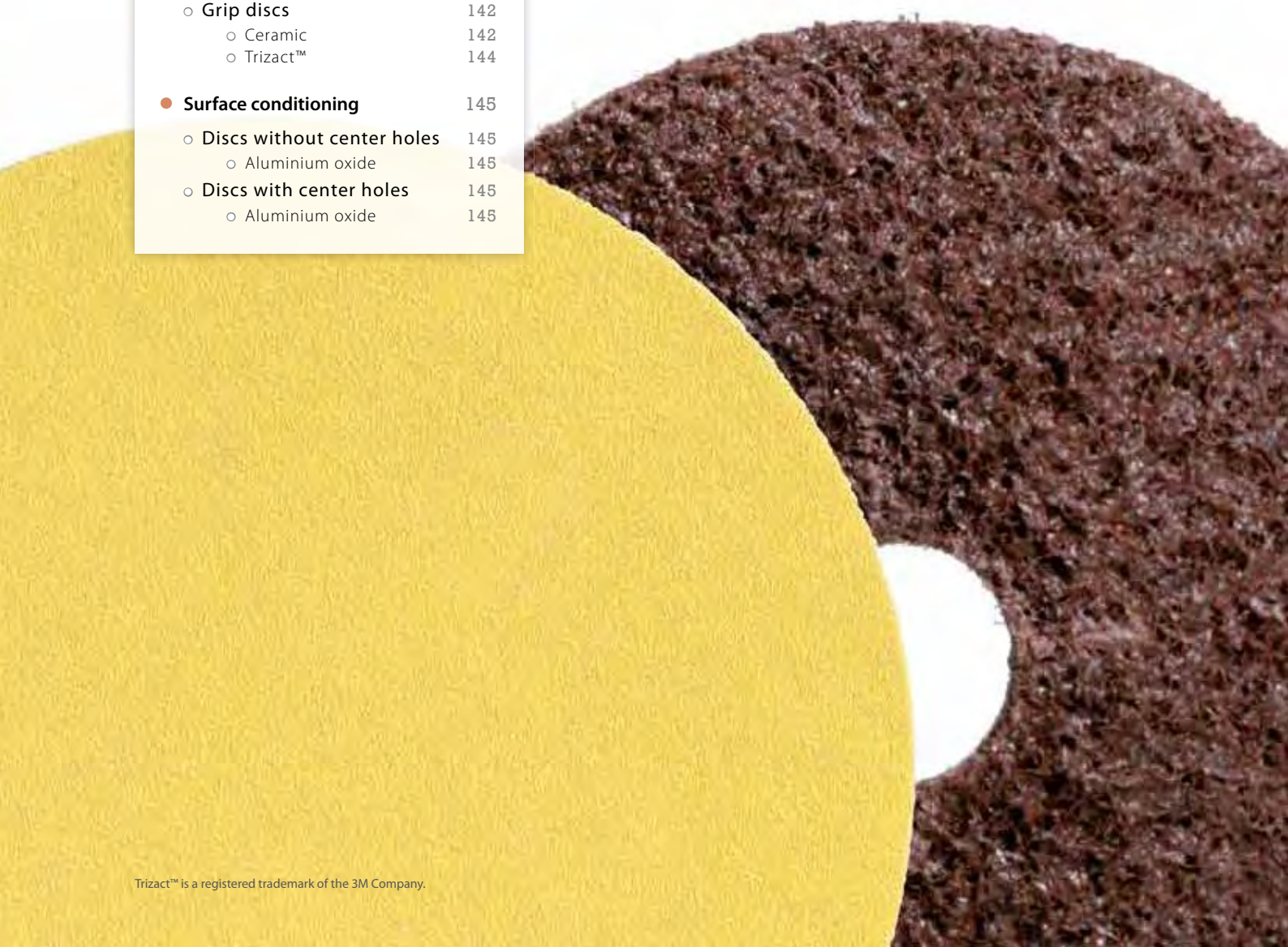
● = recommended application ○ = possible application

	Type	Backing	Weight	Type of grit	Top Coating	Waterproof	Maximum width	Properties
TEX	**GP**	Nylon web	–	A/S	–	💧	59"	The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin with an alumino silicate grit type. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. GP is an economical product that is generally used for cleaning.
	00	Nylon web	–	Talc	–	💧	59"	With the TEX 00, the nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin infused with talc, the softest mineral known. This material does not scratch and is ideally suited for cleaning.
	CSD	Nylon web	–	S/C	–	💧	39"	CSD material is made from very hard, abrasion-resistant nylon fibres with a very open structure. The nylon fibres are permeated with synthetic resin and very sharp grit.
Surface Conditio-ning	**FE**	Polyester + Nylon web	–	A/O	–	💧	50"	This is an open nylon web structure, permeated with aluminium oxide grit and anchored by a synthetic resin on a woven polyester structure. This quality is better able to cope with aggressive applications and has a long life span. The finish of the FE quality is less uniform than that of the RC quality.
	RC		–	A/O	–	💧	50"	This is an open nylon web structure, permeated with aluminium oxide grit and anchored by a synthetic resin on a woven polyester structure. This material has a high initial cutting force, works perfectly at low pressure and provides a very constant and even finish. The RC is less edge resistant. Ideal for applications requiring a decorative finish.
	T00		–	–	–	💧	65"	This is an open nylon web structure, permeated with talc and anchored with a synthetic resin on a woven polyester structure. This quality has no abrasive properties and is specially designed to clean or polish using polishing pastes.

	APPLICATIONS												FORMS				
Grit range (P)	**Metal**	**Stainless steel**	**High-quality alloys**	**Non-ferrous**	**Aluminium**	**Hard wood**	**Soft wood**	**Glass/Stone**	**Plastics/ Rubber**	**Car repair**	**Lacquers/ Varnishes**	**Leather**	**Rolls**	**Belts**	**Discs**	**Sheets**	**Grip**
GP	○	○	○	○	○	○	○		○	○	○	○	●		●	●	
Talc	○	○	○	○	○	○	○	●	○	●	●	○	●		●	●	●
EXTRA COARSE	●	●	○	○	○				●	●	○				●		
COARSE - MEDIUM - VERY FINE	○	●	○	●	●					●				●	●		●
COARSE - MEDIUM - VERY FINE	○	●	○	●	●									●	●		●
No grit	○	●	○	●	●									●	●		●

● = recommended application ○ = possible application

DISCS



DISCS

OVERVIEW OF MAIN CUTTING SHAPES

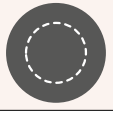
The cutting shape of the discs varies, depending on the machine to which you want to attach the discs. Remember: customisation is the norm at Cibo.

The parameters, used as the basis for the division are:
discs with perforations
pre-perforated discs
discs without holes or center holes
discs with center holes
discs with center holes and central sleeves

Are you having trouble determining the correct cutting form? If so, please contact Cibo at 704 770 1698 or via info@cibo-abrasives.com -- we would be happy to help you!

PRE-PERFORATED DISCS

Pre-perforated discs

shape	diameter	code
	Ø 4-1/2 / 3	**S131**
	Ø 5 / 3	**S133**

DISCS WITHOUT PERFORATIONS/ CENTER HOLES

Discs without perforations/center holes

shape	diameter	code
	Ø 4-1/2	**S104**
	Ø 5	**S105**

Discs with center holes

shape	diameter	center hole	code
	Ø 4-1/2	3/8	**S107**
	Ø 5	3/8	**S109**

At Cibo made to order is our standard. Contact us for more information. Contact us for availability.

Cloth grip discs

CERAMIC | CLOTH

FX87

application	backing	weight	grit type	coating	waterproof
	Polyester	Y	CER.	●	

Grit range: 36-40-60-80-100-120

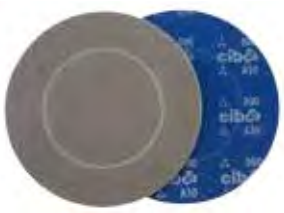
Description: High-quality ceramic abrasive grit with an active abrasive ingredient on a highly tear-resistant polyester backing. The most up-to-date self-sharpening ceramic grit makes the FX87 a real top product. FX87 is characterised by high machining capacity, even on high alloy steel. The FX87 performs best under average or high working pressure and with a moderate to hard abrasive contact.

diameter	holes	shape	grit	code	stock	
Ø 4-1/2	0	S104	36	**FX87GR/36/S104**	●	50
			40	**FX87GR/40/S104**	●	50
			60	**FX87GR/60/S104**	●	50
			80	**FX87GR/80/S104**	●	50
			100	**FX87GR/100/S104**	●	50
			120	**FX87GR/100/S104**	●	50
Ø 4-1/2 / 3	0	S131	80	**FX87GR/80/S131**	●	50
			100	**FX87GR/100/S131**	●	50
			120	**FX87GR/120/S131**	●	50
Ø 5 / 3	0	S133	80	**FX87GR/80/S133**	●	50
			100	**FX87GR/100/S133**	●	50
			120	**FX87GR/120/S133**	●	50

2 diameters in 1 disc to give end user full use of the disc

● = available from stock ● = consult for leadtime

A/O TRIZACT™ | CLOTH



Back-up pad

Interface foam

2 diameters in 1 disc to give end user full use of the disc

Cloth grip discs

237AA

application	backing	weight	grit type	coating	waterproof
	Cotton	X	A/O Trizact™	–	–

Grit range: A160 (P120)-A100 (P220)-A80 (P240)-A65 (P280)-A45 (P400)-A30 (P600)-A16 (P1400)-A6 (P2000)

Description: This is a product of the Trizact™ family (3M). Trizact™ is an innovative grinding material produced with perfectly calibrated aluminium oxide grit in a pyramid shape. This three-dimensional grit of identical height ensure quick stock removal and an even and replicable finish without deep scratching or risk of burrs. This product has been especially developed for material that is difficult to work, such as stainless steel and exotic alloys, as used in aviation and aerospace and in the medical sector. In addition, it has been used successfully in the finishing of copper, bronze, aluminium, composite materials and synthetic materials. The 237AA is not suited for use on titanium.

diameter	holes	shape	grit	code	back-up pad	interface foam	stock	
Ø 4-1/2	0	S104	A160 (P120)	**237GR/160/S104**	**115VELVZ/W**	**115IT**	●	50
			A100 (P220)	**237GR/100/S104**			●	50
			A65 (P280)	**237GR/65/S104**			●	50
			A45 (P400)	**237GR/45/S104**			●	50
			A30 (P600)	**237GR/30/S104**			●	50
			A16 (P1400)	**237GR/16/S104**			●	50
			A6 (P2000)	**237GR/6/S104**			●	50
Ø 4-1/2 / 3	0	S131	A160 (P120)	**237GR/160/S131**	**115VELVZ/W / 75VELVZ/W**	**115IT / 75IT**	●	50
			A100 (P220)	**237GR/100/S131**			●	50
			A65 (P280)	**237GR/65/S131**			●	50
			A45 (P400)	**237GR/45/S131**			●	50
			A30 (P600)	**237GR/30/S131**			●	50
			A16 (P1400)	**237GR/16/S131**			●	50
			A6 (P2000)	**237GR/6/S131**			●	50

Always use in combination with a heat-resistant back-up pad and foam interface.
S104 = ø4-1/2 mm: back-up pad **115VELVZ/W** + foam interface **115IT**
S105 = ø5 mm: back-up pad **125VELVZ/W** + foam interface **125IT**
S131 = ø4-1/2 / 3 mm: back-up pad **115VELVZ/W / 75VELVZ/W** + foam interface **115IT/75IT**
S133 = ø5 / 3 mm: back-up pad **125VELVZ/W / 75VELVZ/W** + foam interface **125IT/75IT**

Surface conditioning discs without center hole

RC | SURF. COND. | A/O

application	backing	weight	grit type	coating	waterproof
	Nylon web + Poly-ester	–	A/O	–	

Grit range: COARSE - MEDIUM - VERY FINE

Description: This is an open nylon web structure, permeated with aluminium oxide grit and anchored by a synthetic resin on a woven polyester structure. This material has a high initial cutting force, works perfectly at low pressure and provides a very constant and even finish. The RC is less edge resistant. Ideal for applications requiring a decorative finish.

diameter	center hole	shape	grit	code	code back-up pad	stock	
Ø 4-1/2	0	S104	CO	VTZA/RC1/S104	115VELSC/W	●	20
			ME	VTZA/RC2/S104		●	20
			VF	VTZA/RC3/S104		●	20

Surface conditioning discs with center hole

FE | SURF. COND. | A/O

application	backing	weight	grit type	coating	waterproof
	Nylon web + Poly-ester	–	A/O	–	

Grit range: COARSE - MEDIUM - VERY FINE

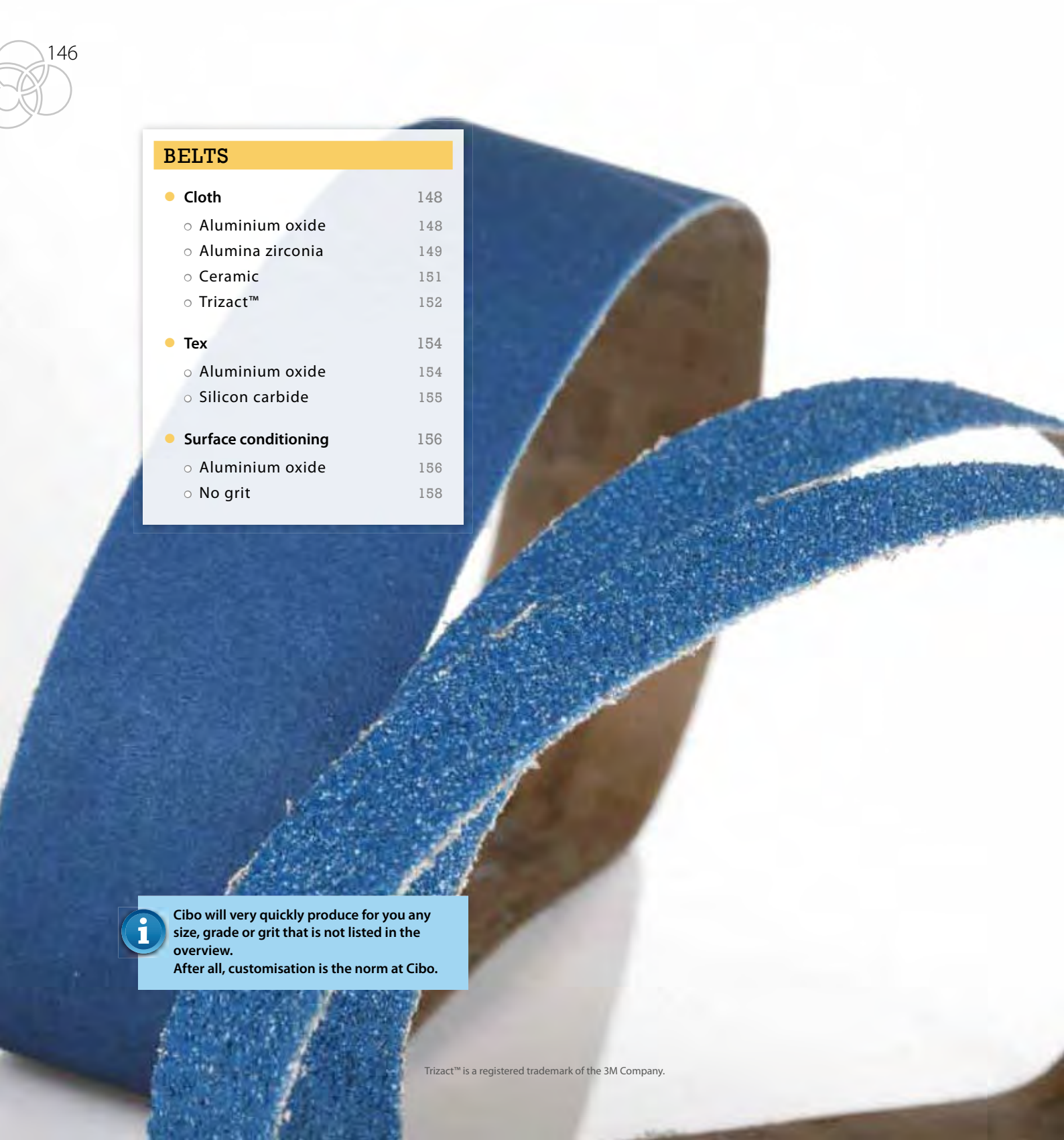
ØDescription: This is an open nylon web structure, permeated with aluminium oxide grit and anchored by a synthetic resin on a woven polyester structure. This quality is better able to cope with aggressive applications and has a long life span. The finish of the FE quality is less uniform than that of the RC quality.

diameter	center hole	shape	grit	code	code back-up pad	stock	
Ø 4-1/2	10	S107	CO	VTMA/FE1/S107	115VELSCN/W	●	20
			ME	VTMA/FE2/S107		●	20
			VF	VTMA/FE3/S107		●	20
Ø 5	10	S109	CO	VTMA/FE1/S109	125VELSCN/W	●	20
			ME	VTMA/FE2/S109		●	20
			VF	VTMA/FE3/S109		●	20

Additional information about the back-up pads is available in the accessories chapter.

● = available from stock ● = consult for leadtime

BELTS



Cibo will very quickly produce for you any size, grade or grit that is not listed in the overview.
After all, customisation is the norm at Cibo.

BELTS

Cloth belts

A/O | CLOTH

This type of belt is very suited for working round-shaped stainless steel workpieces.

JF4T

applications	backing	weight	grit type	coating	waterproof
	Polyester-Cotton	J/F	A/O	●	–

Grit range: J (60-80-100-120); F (150-180-220-320-400)

Description: High-quality aluminium oxide on a very flexible base with grinding aids. A technically innovative product with exceptional properties. Cool grinding process without discoloration. Ideally suited for high-quality finishing of medical implants, surgical instruments, knives, turbine blades, etc. Ideal quality for creating a consistent and equal finish on stainless steel. Its flexible base allows the JF4T to adapt easily to the shape of the workpiece.

L x W	grit	code	stock	
1-1/2 x 26-1/2*	60	**JF4T/60/675x40B**	●	10
	80	**JF4T/80/675x40B**	●	10
	120	**JF4T/120/675x40B**	●	10
	150	**JF4T/150/675x40B**	●	10
	180	**JF4T/180/675x40B**	●	10
	220	**JF4T/220/675x40B**	●	10
	320	**JF4T/320/675x40B**	●	10
	400	**JF4T/400/675x40B**	●	10

** for Finitube*

Cloth belts

TZ59

CLOTH | ZIRC.

applications	backing	weight	grit type	coating	waterproof
	Cotton	X	ZIRC.	–	–

Grit range: 36-40-50-60-80-100-120

Description: High-quality aluminium/alumina zirconia on a highly resistant "X" backing. Ideal for professional applications on stainless steel, aluminium, metal, non-ferrous metals and hard wood.

L x W	grit	code	stock	
4 x 11-1/4	40	**FMTZ59/40/287x100**	●	10
	60	**FMTZ59/60/287x100**	●	10
	80	**FMTZ59/80/287x100**	●	10
	100	**FMTZ59/100/287x100**	●	10
	120	**FMTZ59/120/287x100B**	●	10
4 x 11-1/2	40	**FMTZ59/40/293x100**	●	10
	60	**FMTZ59/60/293x100**	●	10
	80	**FMTZ59/80/293x100**	●	10
	100	**FMTZ59/100/293x100**	●	10
	120	**FMTZ59/120/293x100**	●	10
4 x 15*	40	**TZ59/40/385x100B**	●	10
	60	**TZ59/60/385x100B**	●	10
	80	**TZ59/80/385x100B**	●	10
	100	**TZ59/100/385x100B**	●	10
	120	**TZ59/120/385x100B**	●	10
1-1/2 x 26-1/2**	40	**TZ59/40/675x40B**	●	10
	60	**TZ59/60/675x40B**	●	10
	80	**TZ59/80/675x40B**	●	10
	100	**TZ59/100/675x40B**	●	10
	120	**TZ59/120/675x40B**	●	10

** for use on Finimaster ** for use on Finitube*

● = available from stock ● = consult for leadtime

Cloth belts

CLOTH | ZIRC.

HZ72

applications	backing	weight	grit type	coating	waterproof
	Polyester	Y	ZIRC.	–	

Grit range: 24-36-40-50-60-80-120

Description: High-quality aluminium/alumina zirconia on a highly resistant "Y" polyester backing. Ideal for demanding applications on stainless steel, aluminium, metal and non-ferrous metal. High cut rate. Can be used both wet and dry

L x W	grit	code	stock	
3 x 15-1/2	40	HZ72/40/394x75B	●	10
	60	HZ72/60/394x75B	●	10
	80	HZ72/80/394x75B	●	10
	120	HZ72/120/394x75B	●	10
1/2 x 18	60	HZ72/60/457x13B	●	20
	80	HZ72/80/457x13B	●	20
	120	HZ72/120/457x13B	●	20
1/4 x 24	60	HZ72/60/610x6B	●	20
	120	HZ72/120/610x6B	●	20

Cloth belts

FX87

CLOTH | CERAMIC

applications	backing	weight	grit type	coating	waterproof
	Polyester	Y	CER.	●	

Grit range: 36-40-60-80-100-120

Description: High-quality ceramic abrasive grit with an active abrasive ingredient on a highly tear-resistant polyester backing. The most up-to-date self-sharpening ceramic grit makes the FX87 a real top product. FX87 is characterised by high machining capacity, even on high alloy steel. The FX87 performs best under average or high working pressure and with a moderate to hard abrasive contact.

L x W	grit	code	stock	
1/2 x 18	40	**FX87/40/457x13B**	●	20
	60	**FX87/60/457x13B**	●	20
	80	**FX87/80/457x13B**	●	20
3/4 x 18	40	**FX87/40/457x19B**	●	20
	60	**FX87/60/457x19B**	●	20
	80	**FX87/80/457x19B**	●	20

● = available from stock ● = consult for leadtime

A/O TRIZACT™ | CLOTH

Cloth belts

237AA

applications	backing	weight	grit type	coating	waterproof
	Cotton	X	A/O Trizact™	–	–

Grit range: A160 (P120)-A100 (P220)-A80 (P240)-A65 (P280)-A45 (P400)-A30 (P600)-A16 (P1400)-A6 (P2000)

Description: This is a product of the Trizact™ family (3M). Trizact™ is an innovative grinding material produced with perfectly calibrated aluminium oxide grit in a pyramid shape. This three-dimensional grit of identical height ensure quick stock removal and an even and replicable finish without deep scratching or risk of burrs. This product has been especially developed for material that is difficult to work, such as stainless steel and exotic alloys, as used in aviation and space travel and in the medical sector. In addition, it has been used successfully in the finishing of copper, bronze, aluminium, composite materials and synthetic materials. The 237AA is not suited for use on titanium.

L x W	grit	code	stock	
4 x 11-1/2	A160 (P120)	**237AA/160/293x100B**	●	10
	A100 (P220)	**237AA/100/293x100B**	●	10
	A80 (P240)	**237AA/80/293x100B**	●	10
	A65 (P280)	**237AA/65/293x100B**	●	10
	A45 (P400)	**237AA/45/293x100B**	●	10
	A30 (P600)	**237AA/30/293x100B**	●	10
	A16 (P1400)	**237AA/16/293x100B**	●	10
	A6 (P2000)	**237AA/6/293x100B**	●	10
4 x 15*	A160 (P120)	**237AA/160/385x100B**	●	10
	A100 (P220)	**237AA/100/385x100B**	●	10
	A80 (P240)	**237AA/80/385x100B**	●	10
	A65 (P280)	**237AA/65/385x100B**	●	10
	A45 (P400)	**237AA/45/385x100B**	●	10
	A30 (P600)	**237AA/30/385x100B**	●	10
	A16 (P1400)	**237AA/16/385x100B**	●	10
	A6 (P2000)	**237AA/6/385x100B**	●	10
3 x 15-1/2	A30 (P600)	**237AA/30/394x75B**	●	10
	A45 (P400)	**237AA/45/394x75B**	●	10
1-1/2 x 26-1/2**	A160 (P120)	**237AA/160/675x40B**	●	10
	A100 (P220)	**237AA/100/675x40B**	●	10
	A80 (P240)	**237AA/80/675x40B**	●	10
	A65 (P280)	**237AA/65/675x40B**	●	10
	A45 (P400)	**237AA/45/675x40B**	●	10
	A30 (P600)	**237AA/30/675x40B**	●	10
	A16 (P1400)	**237AA/16/675x40B**	●	10
	A6 (P2000)	**237AA/6/675x40B**	●	10

** for use on Finimaster ** for use on Finitube*

Cloth belts

337DC

CLOTH | A/O TRIZACT™

applications	backing	weight	grit type	coating	waterproof
	Cotton	X	A/O Trizact™	–	–

Grit range: A300 (P80)-A160 (P120)-A100 (P220)-A65 (P280)-A45 (P400)

Description: The properties of the quality of the 337DC Trizact™ are similar to those of the 237AA, but the 337DC has a higher stock removal capacity.

L x W	grit	code	stock	
4 x 11-1/2	A300 (P80)	**337DC/300/293x100B**	●	10
	A160 (P120)	**337DC/160/293x100B**	●	10
	A100 (P220)	**337DC/100/293x100B**	●	10
	A65 (P280)	**337DC/65/293x100B**	●	10
	A45 (P400)	**337DC/45/293x100B**	●	10
4 x 15*	A300 (P80)	**337DC/300/385x100B**	●	10
	A160 (P120)	**337DC/160/385x100B**	●	10
	A100 (P220)	**337DC/100/385x100B**	●	10
	A65 (P280)	**337DC/65/385x100B**	●	10
	A45 (P400)	**337DC/45/385x100B**	●	10
3 x 15-1/2	A300 (P80)	**337DC/300/394x75B**	●	10
	A100 (P220)	**337DC/100/394x75B**	●	10
	A65 (P280)	**337DC/65/394x75B**	●	10
1-1/2 x 26-1/2**	A300 (P80)	**337DC/300/675x40B**	●	10
	A160 (P120)	**337DC/160/675x40B**	●	10
	A100 (P220)	**337DC/100/675x40B**	●	10
	A65 (P280)	**337DC/65/675x40B**	●	10
	A45 (P400)	**337DC/45/675x40B**	●	10

** for use on Finimaster ** for use on Finitube*

● = available from stock ● = consult for leadtime

Tex belts

A/O | TEX

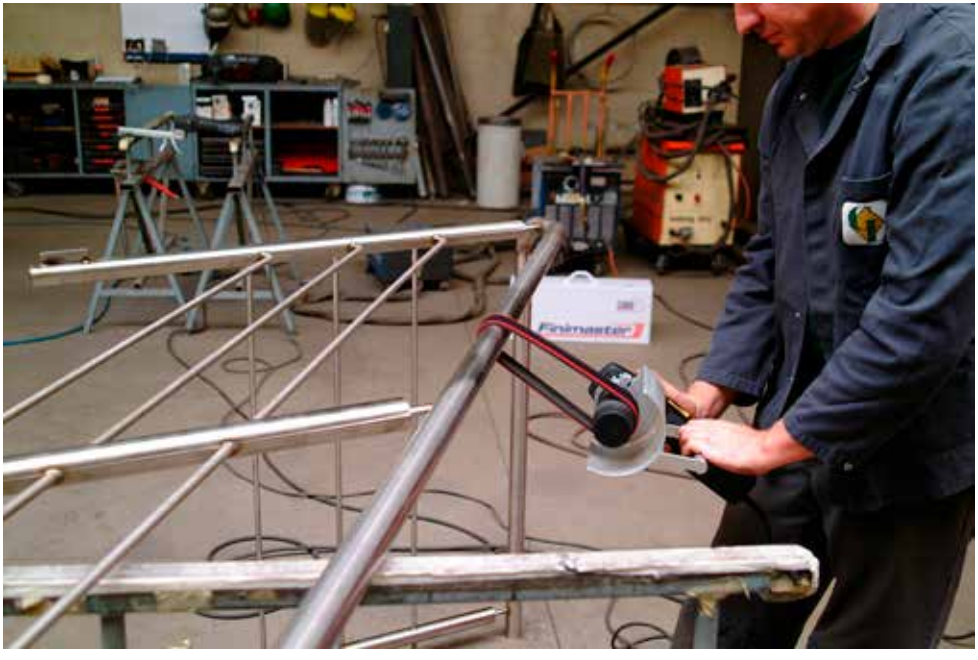
OPEN BELTS WITH GRIP LOCK

applications	backing	weight	grit type	coating	waterproof
	Nylon web	–	A/O	–	💧

Grit range: A-Coarse – A-Medium – A-Fine – A-Very Fine STRONG – A-Very Fine SOFT – A-Very Fine ULTRACUT – A-Very Fine PP

Description: The nylon fibres are combined into a three- dimensional web structure using thermo-setting synthetic resin, and are available in various grit types with an aluminium oxide grit. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. A/O creates a good long-lasting finish at high speeds.

L x W	grit	code	stock	📦
1-1/2 x 24	AF	**FMGRT/AF/60040**	●	10



Tex belts

OPEN BELTS WITH GRIP LOCK

TEX | S/C

applications	backing	weight	grit type	coating	waterproof
	Nylon web	–	S/C	–	

Grit range: S-Medium – S-Fine – S-Very Fine – S-Ultra Fine 600 – S-Ultra Fine 1000 – S-Ultra Fine 1200

Description: The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin, and are available in various grit sizes with silicon carbide grit. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. In comparison with the A/O, S/C provides a finer, more even and matt texture. Primarily used to create a decorative finish.

L x W	grit	code	stock	
1-1/2 x 24	SUF600	**FMGRT/SUF/60040**	●	10

Tips & tricks: Finishing closed tube constructions

Use open belts to finish your closed tube constructions.
Hook the belt around the tube, close the extremities with the supplied hook and loop lock and place the Finimaster's drive wheel in the belt. Then start the machine and apply an even structure along the entire tube construction. It can be this simple to give a perfect finish to your construction.
The Cibo range includes both cloth open belts (see p. 156) and tex open belts with grip lock

● = available from stock ● = consult for leadtime

Surface conditioning belts

A/O | SURF. COND.

FE

applications	backing	weight	grit type	coating	waterproof
	Polyester + Nylon web	–	A/O	–	

Grit range: COARSE – MEDIUM – VERY FINE

Description: This is an open nylon web structure, permeated with aluminium oxide grit and anchored by a synthetic resin on a woven polyester structure. This quality is better able to cope with aggressive applications and has a long life span. The finish of the FE quality is less uniform than that of the RC quality.

L x W	grit	code	stock	
4 x 12	CO	**FMVT/FE1/297x100**	●	10
	ME	**FMVT/FE2/297x100**	●	10
	VF	**FMVT/FE3/297x100**	●	10
4 x 12	CO	**FMVT/FE1/305x100**	●	10
	ME	**FMVT/FE2/305x100**	●	10
	VF	**FMVT/FE3/305x100**	●	10
4 x 15-1/2*	CO	**VT/FE1/395x100TB**	●	10
	ME	**VT/FE2/395x100TB**	●	10
	VF	**VT/FE3/395x100TB**	●	10
3 x 16	CO	**VT/FE1/404x75TB**	●	10
	ME	**VT/FE2/404x75TB**	●	10
	VF	**VT/FE3/404x75TB**	●	10
1/4 x 18	CO	**VT/FE1/457x6TB**	●	10
	ME	**VT/FE2/457x6TB**	●	10
	VF	**VT/FE3/457x6TB**	●	10
3/8 x 18	CO	**VT/FE1/457x9TB**	●	10
	ME	**VT/FE2/457x9TB**	●	10
	VF	**VT/FE3/457x9TB**	●	10
1/2 x 18	CO	**VT/FE1/457x13TB**	●	10
	ME	**VT/FE2/457x13TB**	●	10
	VF	**VT/FE3/457x13TB**	●	10

** for use on Finimaster*

Surface conditioning belts

FE

L x W	grit	code	stock	
3/4 x 18	CO	**VT/FE1/457x19TB**	●	10
	ME	**VT/FE2/457x19TB**	●	10
	VF	**VT/FE3/457x19TB**	●	10
3/8 x 21	CO	**VT/FE1/533x9TB**	●	10
	ME	**VT/FE2/533x9TB**	●	10
	VF	**VT/FE3/533x9TB**	●	10
	CO	**VT/FE1/533x13TB**	●	10
	ME	**VT/FE2/533x13TB**	●	10
	VF	**VT/FE3/533x13TB**	●	10
1/2 x 24	CO	**VT/FE1/610x6TB**	●	10
	ME	**VT/FE2/610x6TB**	●	10
	VF	**VT/FE3/610x6TB**	●	10
1/2 x 24	CO	**VT/FE1/610x13TB**	●	10
	ME	**VT/FE2/610x13TB**	●	10
	VF	**VT/FE3/610x13TB**	●	10

** for use on Finimaster*

● = available from stock ● = consult for leadtime

Surface conditioning belts

A/O | SURF. COND.

RC

applications	backing	weight	grit type	coating	waterproof
	Polyester + Nylon web	–	A/O	–	

Grit range: COARSE – MEDIUM – VERY FINE

Description: This is an open nylon web structure, permeated with aluminium oxide grit and anchored by a synthetic resin on a woven polyester structure. This material has a high initial cutting force, works perfectly at low pressure and provides a very constant and even finish. The RC is less edge resistant. Ideal for applications requiring a decorative finish.

L x W	grit	code	stock	
1-1/2 x 26-1/2*	CO	**VT/RC1/675x40TB**	●	10
	ME	**VT/RC2/675x40TB**	●	10
	VF	**VT/RC3/675x40TB**	●	10

** for use on Finitube*

The RC-grade is ideally suited for applications where the grade and evenness of the finish are the priority.

Surface conditioning belts

– | SURF. COND.

T00 – POLISHING BELT

applications	backing	weight	grit type	coating	waterproof
	Polyester + Nylon web	–	–	–	

Grit range: No grit

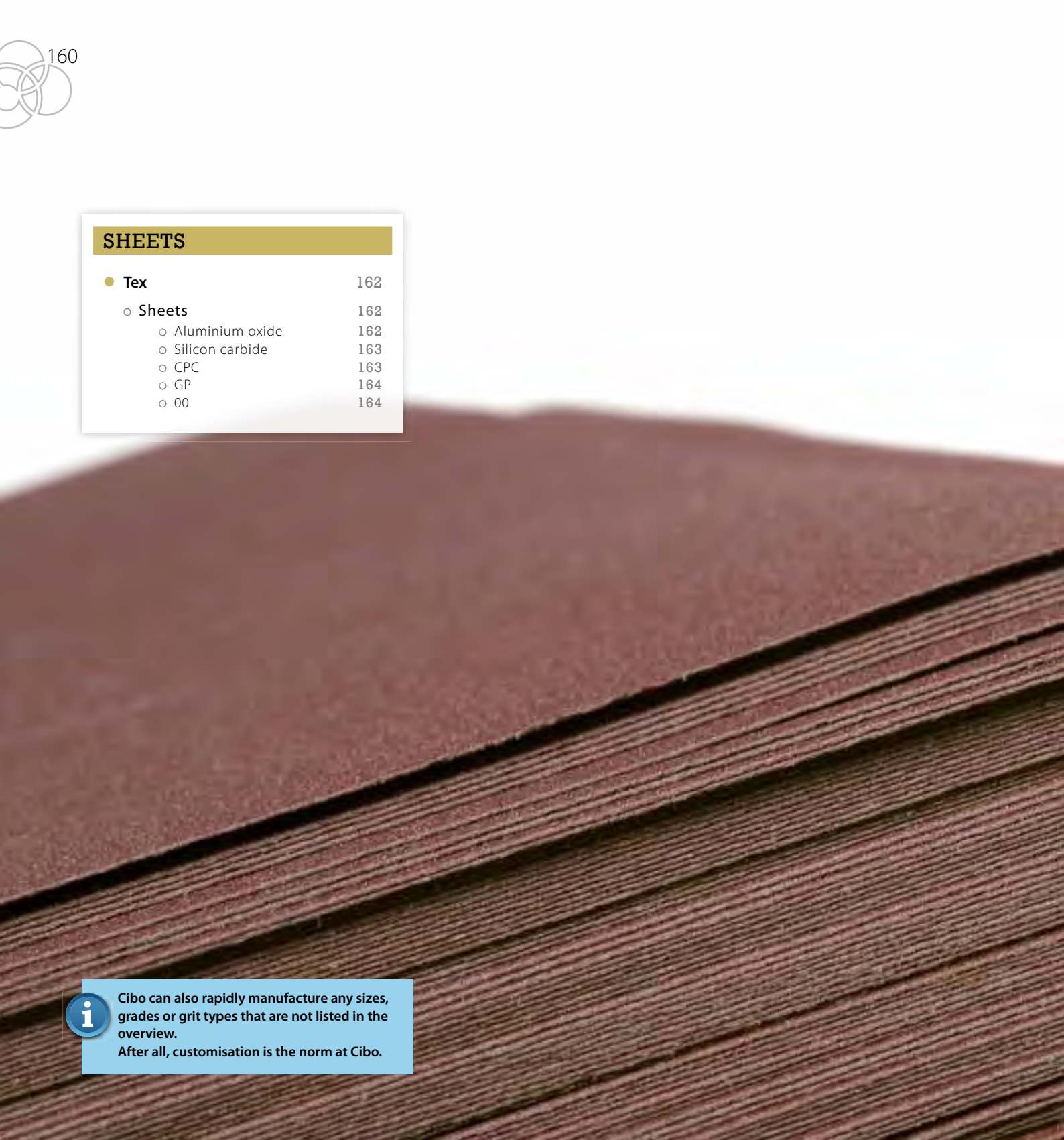
Description: This is an open nylon web structure, permeated with talc and anchored with a synthetic resin on a woven polyester structure. This quality has no abrasive properties and is specially designed to clean or polish using polishing pastes.

L x W	grit	code	stock	
1-1/2 x 26-1/2*	T00	**VT/T00/675x40TB**	●	10

** for use on Finitube*

Please consult Cibo on sizes, qualities and grit.

SHEETS



Cibo can also rapidly manufacture any sizes, grades or grit types that are not listed in the overview.
After all, customisation is the norm at Cibo.

SHEETS

A/O | TEX

Tex sheets

A/O

application	backing	weight	grit type	coating	waterproof
	Nylon web	–	A/O	–	

Grit range: A-Coarse - A-Medium - A-Fine - A-Very Fine STRONG - A-Very Fine SOFT - A Very Fine ULTRACUT - A Very Fine PP

Description: The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin, and are available in various grit types with an aluminium oxide grit. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. A/O creates a good long-lasting finish at high speeds.

L x W	grit	code	stock	
6 x 9	AC	**T/AC/224158**	●	50
	AM	**T/AM/224158**	●	50
	AF	**T/AF/224158**	●	50
	AVFStrong	**T/AVFStrong/224158**	●	50
	AVFSoft	**T/AVFSoft/224158**	●	50
	AVFPP	**T/AVFPP/224158**	●	50
	ULTRACUT	**T/ULTRACUT/224158**	●	50

Tex sheets

S/C

TEX | S/C

application	backing	weight	grit type	coating	waterproof
	Nylon web	–	S/C	–	●

Grit range: S-Medium - S-Fine - S-Very Fine - S-Ultra Fine 600 - S-Ultra Fine 1000 - S-Ultra Fine 1200

Description: The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin, and are available in various grit sizes with silicon carbide grit. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. In comparison with the A/O, S/C provides a finer, more even and matt texture . Primarily used to create a decorative finish

L x W	grit	code	stock	
6 x 9	SM	**T/SM/224158**	●	50
	SF	**T/SF/224158**	●	50
	SVF	**T/SVF/224158**	●	50
	SUF600	**T/SUF600/224158**	●	50
	SUF1000	**T/SUF1000/224158**	●	50
	SUF1200	**T/SUF1200/224158**	●	50

CPC

TEX | CPC

application	backing	weight	grit type	coating	waterproof
	Nylon web	–	CPC	–	●

Grit range: CPC

Description: The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin with an aluminium oxide grit type. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. CP has an increased grinding capacity at higher speeds. This material provides the brush structure with a slightly glossy effect

L x W	grit	code	stock	
6 x 9	CPC	**T/CPC/224158**	●	50

● = available from stock ● = consult for leadtime

Tex sheets

GP | TEX

GP

application	backing	weight	grit type	coating	waterproof
	Nylon web	–	GP	–	

Grit range: GP

Description: The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin with an alumino silicate grit type. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. GP is an economical product that is generally used for cleaning.

L x W	grit	code	stock	
6 x 9	GP	T/GP/224158	●	50

TALC | TEX

00

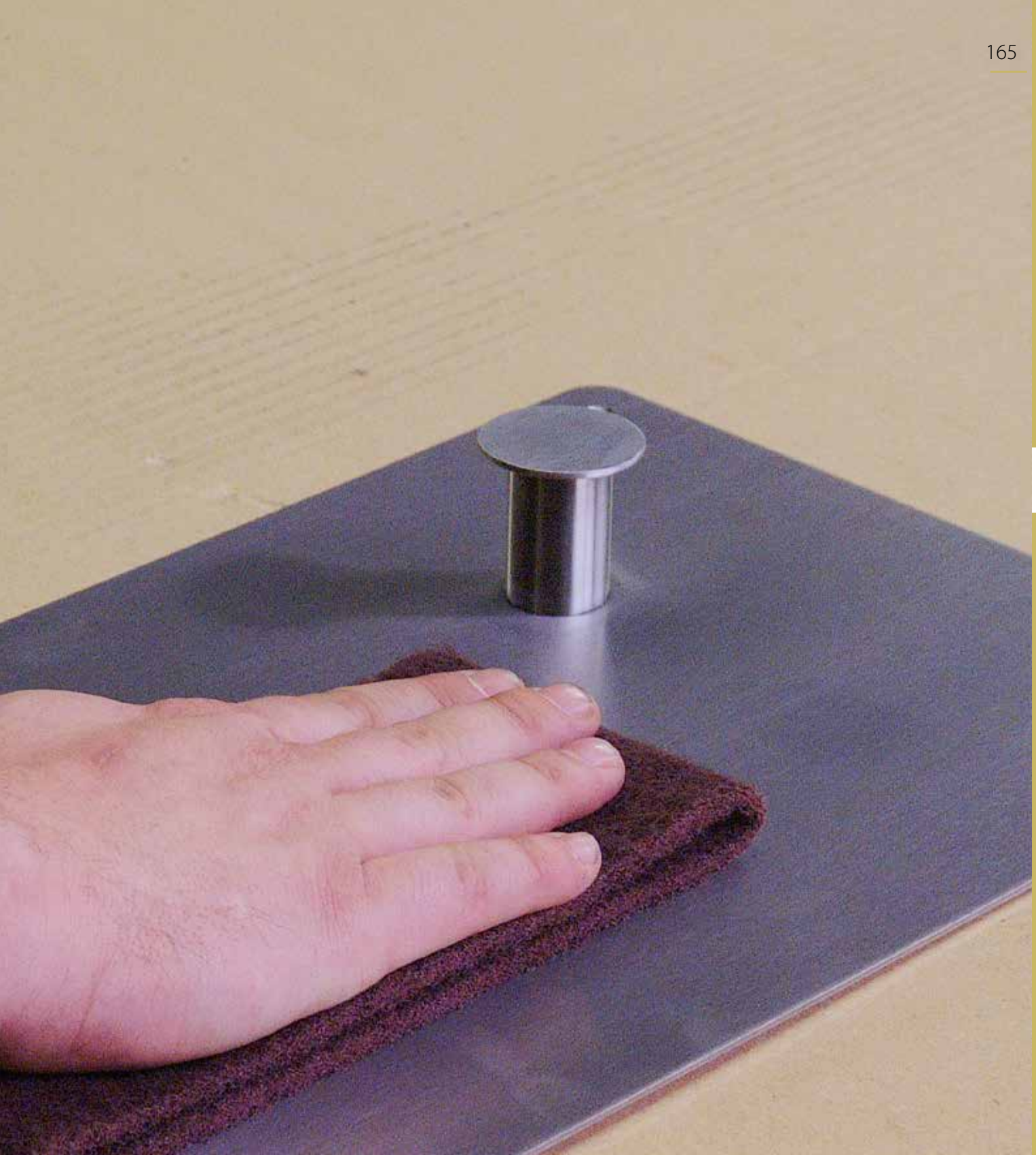
application	backing	weight	grit type	coating	waterproof
	Nylon web	–	Talc	–	

Grit range: Talc

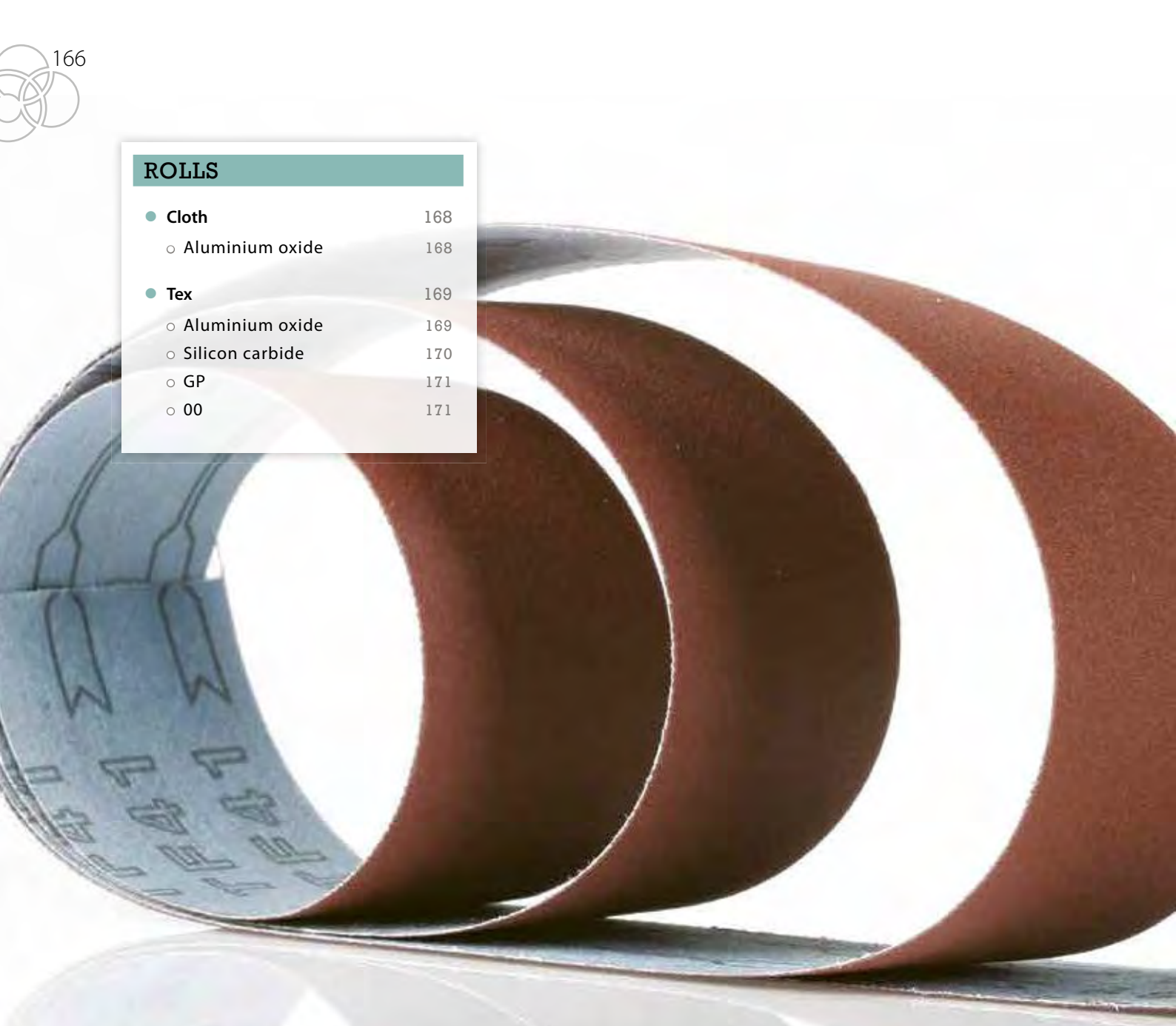
Description: With the TEX 00, the nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin infused with talc, the softest mineral known. This material does not scratch and is ideally suited for cleaning

L x W	grit	code	stock	
6 x 9	Talc	T/00/224158	●	50

● = available from stock ● = consult for leadtime

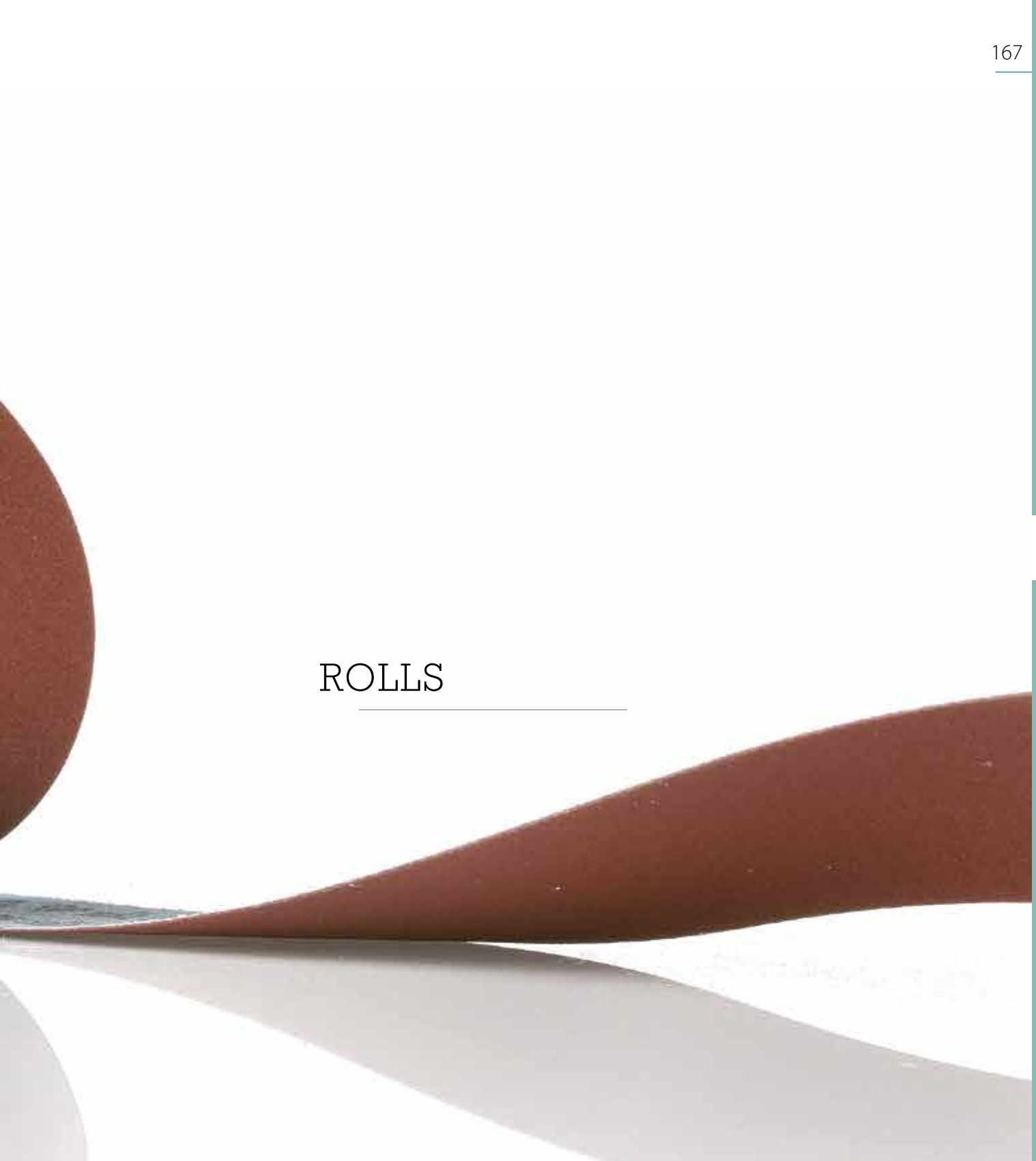


ROLLS



Cibo will very quickly produce for you any size, grade or grit that is not listed in the overview.
After all, customisation is the norm at Cibo.

ROLLS



Shop rolls

A/O | CLOTH ABRASIVES

TF41

application	backing	weight	grit type	coating	waterproof
	Cotton	F	A/O	–	–

Grit type: 36-40-50-60-80-100-120-150-180-220-240-280-320

Description: Very flexible abrasive cloth, for manual use in metal working. Also a perfect partner for sanding hard wood types.

L x W	grit	code	stock	
2" x 50MT	36	TF41/36/5050	●	1
	40	TF41/40/5050	●	1
	50	TF41/50/5050	●	1
	60	TF41/60/5050	●	1
	80	TF41/80/5050	●	1
	100	TF41/100/5050	●	1
	120	TF41/120/5050	●	1
	150	TF41/150/5050	●	1
	180	TF41/180/5050	●	1
	220	TF41/220/5050	●	1
	240	TF41/240/5050	●	1
	280	TF41/280/5050	●	1
	320	TF41/320/5050	●	1

Tex rolls

A/O

TEX | A/O

application	backing	weight	grit type	coating	waterproof
	Nylon web	–	A/O	–	

Grit type: A-Coarse - A-Medium - A-Fine - A-Very Fine STRONG - A-Very Fine SOFT - A-Very Fine ULTRACUT - A-Very Fine PP

Description: The nylon fibres are combined into a three- dimensional web structure using thermo-setting synthetic resin, and are available in various grit types with an aluminium oxide grit. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. A/O creates a good long-lasting finish at high speeds.

L x W	grit	code	stock	
4" x 10MT	AC	**T/AC/10100**	●	1
	AM	**T/AM/10100**	●	1
	AF	**T/AF/10100**	●	1
	AVFStrong	**T/AVFStrong/10100**	●	1
	AVFSoft	**T/AVFSoft/10100**	●	1
	Ultra Cut	**T/ULTRACUT/10100**	●	1
	AVFPP	**T/AVFPP/10100**	●	1
	AC	**T/AC/10150**	●	1
	AM	**T/AM/10150**	●	1
	AF	**T/AF/10150**	●	1
	AVFStrong	**T/AVFStrong/10150**	●	1
	AVFSoft	**T/AVFSoft/10150**	●	1
	Ultra Cut	**T/ULTRACUT/10150**	●	1
	AVFPP	**T/AVFPP/10150**	●	1

● = available from stock ● = consult for leadtime

S/C | TEX

Tex rolls

S/C

application	backing	weight	grit type	coating	waterproof
	Nylon web	–	S/C	–	

Grit type: S-Medium - S-Fine - S-Very Fine - S-Ultra Fine 600 - S-Ultra Fine 1000 - S-Ultra Fine 1200

Description: The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin, and are available in various grit sizes with silicon carbide grit. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. In comparison with the A/O, S/C provides a finer, more even and matt texture. Primarily used to create a decorative finish.

L x W	grit	code	stock	
4" x 10MT	SM	**T/SM/10100**	●	1
	SF	**T/SF/10100**	●	1
	SVF	**T/SVF/10100**	●	1
	SUF600	**T/SUF600/10100**	●	1
	SUF1000	**T/SUF1000/10100**	●	1
	SUF1200	**T/SUF1200/10100**	●	1
	SM	**T/SM/10150**	●	1
	SF	**T/SF/10150**	●	1
	SVF	**T/SVF/10150**	●	1
	SUF600	**T/SUF600/10150**	●	1
	SUF1000	**T/SUF1000/10150**	●	1
	SUF1200	**T/SUF1200/10150**	●	1

Tex rolls

GP

TEX | GP

application	backing	weight	grit type	coating	waterproof
	Nylon web	–	GP	–	

Grit type: VERY FINE

Description: The nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin with an alumino silicate grit type. The result is an elastic abrasive material with an open structure that is easy to use and provides an even and constant finish. The tex material does not affect the geometrical shape of the work pieces. GP is an economical product that is generally used for cleaning.

L x W	grit	code	stock	
4" x 10MT	GP	**T/GP/10100**	●	1

Tex rolls

00

TEX | 00

application	backing	weight	grit type	coating	waterproof
	Nylon web	–	Talc	–	

Grit type: Talc

Description: With the TEX 00, the nylon fibres are combined into a three-dimensional web structure using thermo-setting synthetic resin infused with talc, the softest mineral known. This material does not scratch and is ideally suited for cleaning.

L x W	grit	code	stock	
4" x 10MT	Talc	**T/00/10100**	●	1

Please consult Cibo on sizes, qualities and grit.

● = available from stock ● = consult for leadtime

CUTTING AND GRINDING DISCS

CUTTING AND GRINDING DISCS

Overview

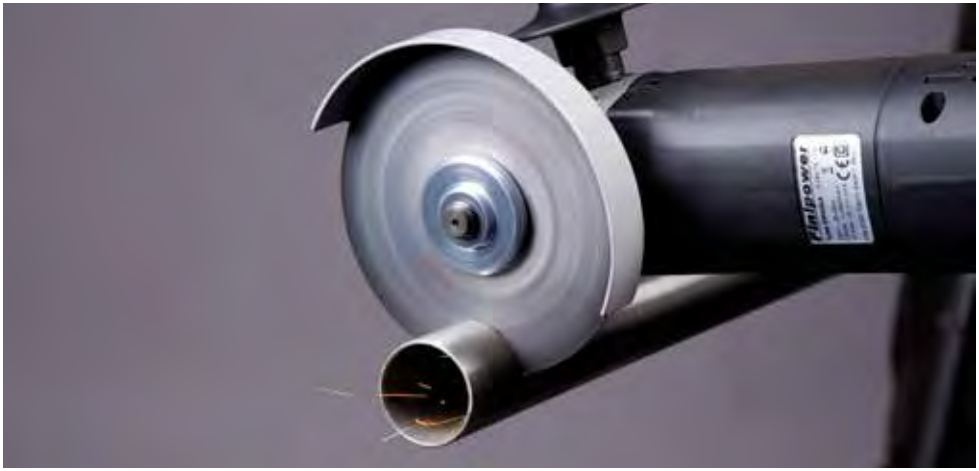
Cibo presents a complete range of cutting discs and grinding discs of the highest quality! This exclusive set of cutting discs and grinding discs with a unique composition guarantees an excellent performance at all times for an extraordinary price and quality.

material	cutting	grinding
Steel/ Stainless steel	INDUS-TRIAL	INDUS-TRIAL-GRIND
	TOP	TOP-GRIND
	ULTRA	ULTRA-GRIND, ULTRA-CERAMAX
	ULTRA-SC	
Aluminium	ALU	ALU-GRIND FLEX
Stone	STONE	

Cutting discs

CUTTING DISCS INDUSTRIAL

These discs are multi-purpose. They are suited for use on steel, quality alloys and stainless steel, and also for aluminum.



SNST – INDUSTRIAL

INDUSTRIAL

diameter	thickness	center hole	code	stock	
Ø 4-1/2	.045	Ø 7/8	SNST1150	●	25
	1/16	Ø 7/8	SNST1156	●	25
	3/32	Ø 7/8	SNST11525	●	25
Ø 5	.045	Ø 7/8	SNST1250	●	25
	1/16	Ø 7/8	SNST1256	●	25
	3/32	Ø 7/8	SNST12525	●	25
Ø 7	3/32	Ø 7/8	SNST18025	●	25
Ø 9	3/32	Ø 7/8	SNST23025	●	25

● = available from stock ● = consult for leadtime

CUTTING DISCS TOP

The professional line is developed for the demanding industrial user within the metal industry. These discs are extremely suitable for use both on stationary machinery and/or portable machinery with petrol engines. They stand out due to their greater stability and very fast cutting capacity.

TOP

SNIN – TOP

diameter	thickness	center hole	code	stock	
Ø 6	1/16	Ø 7/8	SNIN1501622	●	25

CUTTING DISCS ULTRA

The superior Cibo Ultra line cutting discs enjoy an extremely long lifespan and cut as fast as lightning. As these cutting discs are entirely free of iron and sulphates, they are ideally suited for cutting stainless steel, practically without any burring. The ultra thin version of the cutting disc allows you to work extremely precisely. With our Ultra line range you will obtain the fastest and most durable cutting disc in one swoop. Choose the best cutting discs on the market and you are choosing to improve the comfort of your employees and manage your company's costs!

SNRN – ULTRA

ULTRA

diameter	thickness	center hole	code	stock	
Ø 4-1/2	.045	Ø 7/8	**SNRN1150**	●	25
Ø 5	.045	Ø 7/8	**SNRN1250**	●	25

SNRX – ULTRA-SAFE CUT

ULTRA-SC

diameter	thickness	center hole	code	stock	
Ø 4-1/2	.045	Ø 7/8	**SNRX1150**	●	25
Ø 5	.045	Ø 7/8	**SNRX1250**	●	25

The Ultra Safe Cut cutting discs feature a recessed core, so that you can work extra straight.

● = available from stock ● = consult for leadtime

CUTTING DISCS ALU

Inspired by the success of the ultra line discs for steel and RVS, Cibo also developed an array of discs for use on aluminum. Thanks to the unique architecture, grit selection and resin formula of these discs it is now possible to execute a stable cut without vibration and without the discs clogging or smearing.

ALU

SNAN – ALU

diameter	thickness	center hole	code	stock	
Ø 4-1/2	.045	Ø 7/8	**SNAN1250**	●	25

Grinding discs

GRINDING DISCS INDUSTRIAL-GRIND

SLST – INDUSTRIAL-GRIND

diameter	thickness	center hole	code	stock	
Ø 4-1/2	1/4	Ø 7/8	**SLST115**	●	25
Ø 5	1/4	Ø 7/8	**SLST125**	●	10
Ø 7	1/4	Ø 7/8	**SLST180**	●	25
Ø 9	1/4	Ø 7/8	**SLST230**	●	10

INDUSTRIAL-GRIND

GRINDING DISCS ULTRA-GRIND

The secret of the Ultra Grind grinding disc lays in the perfect marriage between a 100% zirconia grain and an innovative and unique resin. Tests show that the Cibo grinding discs allow you to remove considerably more material in less time, resulting in an amazing price/quality ratio. The discs' soft bond ensures a high level of aggressiveness as well as making them very user friendly, because vibrations in the material are reduced to a minimum. Try the Ultra Grind discs and let yourself be convinced by their ease of use.

SLRN – 100% ZIRCONIUM

diameter	thickness	center hole	code	stock
Ø 4 1/2"	1/4	Ø 7/8	**SLRN115**	●

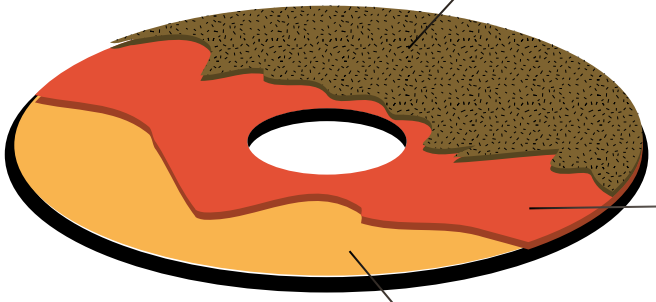
ULTRA-GRIND

● = available from stock ● = consult for leadtime

FIBRE DISCS

FIBRE DISCS

CONSTRUCTION OF THE FIBRE DISC



GRIT TYPE

The selection of the correct grit type is very important. In case of doubt, please consult a Cibo application expert. He or she will help you to make the best selection from one of the next 4 grit types :

- Aluminium oxide
- Zirconium oxide
- Ceramic
- Silicon carbide

BINDING AGENT

All Cibo fibre discs are produced with a double synthetic resin binding, whether or not in combination with an active abrasive ingredient.

BACKING

The Cibo fibre discs' base consists of a vulcanised fibre backing of minimum 0.8 mm. The choice of this strong backing is a very conscious one. It guarantees an increased lifespan.

Working pressure

We advise against using too high pressure when using fibre discs. This causes heat generation, burnt areas and premature wear.

Maximum and advised speeds

The maximum speed for all Cibo fibre discs is 80 m/s.

The ideal circumferential speed depends on the material to be worked. It is always best to work at speeds lower than 60 m/s. With silicon carbide discs, it is better to set the speeds based on the material you want to work. Please note, these speeds are not absolute, they are only a guideline. When in doubt, please consult your Cibo advisor.

Prevent heat generation

By moving the disc smoothly back and forth you can considerably diminish the risk of burnt areas.

ADVICE ON USER SPEEDS (RPM)

	Cast iron-Steel	Stainless steel	Alu-Non-ferrous metal Brass-Copper	Hardened steel Titanium	Glass-Stone Ceramic	Plastics
Ø 4-1/2"	7,100 - 8,200	4,900 - 5,700	4,500 - 5,100	4,000 - 4,600	2,500 - 2,900	900 - 1,200
Ø 5"	6,500 - 7,500	4,500 - 5,200	4,100 - 4,700	3,700 - 4,200	2,300 - 2,700	800 - 1,100
Ø 7"	4,500 - 5,200	3,200 - 3,700	2,900 - 3,300	2,600 - 3,000	1,600 - 1,900	600 - 800

● = available from stock ● = consult for leadtime

BACK-UP PADS

Fibre discs in combination with the correct back-up pad

Fibre discs must be used in combination with a back-up pad. The choice of back-up pad is important for the finish of your workpiece.

Please find an extensive overview of the different back-up pads of the Cibo product range on page 189.

FIZ

Flexible back-up pad FIZ

Grinding with a soft contact. This guarantees a controlled removal and a finer finish. Ideally suited for use with finer grit types.

FIH

Hard back-up pad – *High performance* FIH

This high- performance back-up pad guarantees a hard and stable contact at all times due to its unique architecture. The ingenious composition of the disc ensures extreme heat resistance. The ribs preventing heat build-up ensure a cooler grinding process, whereby the back-up pad is not distorted under the influence of heat generation.

Please use a high-performance back-up pad up to grit 60 to make optimal use of the fibre disc's capabilities.

Ceramic with grinding aid

CERAMIC + ADDITIVE

FX

Properties :
- Base : fibre 0.8 mm
- Grit type : ceramic

Applications :
- Stainless steel, chrome, hard steel types, etc.
- Ideally suited for demanding applications
- Rapid and cool stock remova

dimensions	grit	code	center hole	stock	
Ø 4-1/2 x 7/8	36	FX/36/11522	+	●	50
	40	FX/40/11522	+	●	50
	60	FX/60/11522	+	●	50
	80	FX/80/11522	+	●	50
	120	FX/120/11522	+	●	50
Ø 5 x 7/8	36	FX/36/12522	+	●	50
	40	FX/40/12522	+	●	50
	60	FX/60/12522	+	●	50
	80	FX/80/12522	+	●	50
	120	FX/120/12522	+	●	50
Ø 7 x 7/8	36	FX/36/18022	+	●	50
	40	FX/40/18022	+	●	50
	60	FX/60/18022	+	●	50
	80	FX/80/18022	+	●	50
	120	FX/120/18022	+	●	50

Overview back-up pads : *see p. 187*

OVERVIEW BACK-UP PADS

Fibre disc back-up pads for angle grinder

FLEXIBLE BACK-UP PAD

FLEXIBLE BACK-UP PAD

Properties:
- Grinding with soft contact
- Controlled removal
- Finer finish

diameter	attach-ment	code	stock	
Ø 4-1/2		**FIZ115/W**	●	1
Ø 5		**FIZ125/W**	●	1
Ø 7		**FIZ179/W**	●	1

HARD BACK-UP PAD - HIGH PERFORMANCE

HARD BACK-UP PAD (HP)

Properties:
- Ventilated back-up pads
- Guarantee a hard and stable contact at all times
- Extremely heat-resistant

diameter	attach-ment	code	stock	
Ø 4-1/2	5/8-11	**FIZ115/W**	●	1
Ø 5	5/8-11	**FIH125/W**	●	1
Ø 7	5/8-11	**FIH179/W**	●	1

● = available from stock ● = consult for leadtime

POLISHING MATERIALS

POLISHING MATERIALS

Polishing wheels for Finimaster and other burnishing machines

FINIMASTER BASIC | SISAL

FINIMASTER BASIC – SISAL – DOUBLE KEYWAY

diameter	width	center hole	type	code	stock	
Ø 4	4	3/4″	Sisal	FMSS100100	●	1

FINIMASTER BASIC | COTTON

FINIMASTER BASIC - COTTON – DOUBLE KEYWAY

diameter	width	center hole	type	code	stock	
Ø 4	4	3/4″	White cotton	FMPR100100	●	1
	1/2	3/4″	White cotton	FMPR10012	●	8

FINIMASTER BASIC | FELT

FINIMASTER BASIC – FELT – DOUBLE KEYWAY

diameter	width	center hole	type	code	stock	
Ø 4	2	3/4″	Felt	FMVR10050	●	2

Finimaster wheels

FINIMASTER PRO | COTTON

FINIMASTER PRO – COTTON – 5/8-11

diameter	width	attach-ment	type	code	stock	
Ø 5	2	5/8-11	White cotton	SUW12550	●	1
	4-1/4	5/8-11	White cotton	FMPW125110	●	1

Flannel polishing wheels

FINIMASTER PRO | FLANNEL

FINIMASTER PRO – FLANNEL – 5/8-11

diameter	width	attach-ment	type	code	stock	
Ø 5	2	5/8-11	Flannel	FLW12550	●	1

Felt discs

FELT DISC – VELCRO BACKING

FELT | VELCRO BACKED

Applications: Polishing plastic, stainless steel, lacquer (auto repair)

Use:
- To be used with polishing paste
- Mount on velcro back-up pads

diameter	thickness	density	code	code back-up pad	stock	
Ø 4-1/2	1/4"	Hard	**PVG/H/115**	115VELVZ/W	●	10
Ø 5	1/4"	Hard	**PVG/H/125**	125VELVZ/W	●	10

Additional information about the back-up pads can be found in the accessories section.

Did you know *that 2" wide wheels can be easily mounted on your adjustable angle grinder in order to achieve a high glossy finish with reasonably simple tools*

FELT DISC – TYPE 27

FELT | TYPE 27

Properties: Felt disc on glass fibre backing
Applications: Polishing of round surfaces in stainless steel, metals, plastic or lacquer (auto repair)
Use: To be used with polishing paste
To be mounted on: Adjustable angle grinder

diameter	density	code	Backing	stock	
Ø 4-1/2 x 7/8	Soft	**VAP/Z/115**	Glass fibre	●	5
Ø 4-1/2 x 5/8-11	Soft	**VAP/Z/115/GP58**	Plastic	●	5
Ø 5 x 7/8	Soft	**VAP/Z/125**	Glass fibre	●	5
Ø 5 x 5/8-11	Soft	**VAP/Z/125/GP58**	Plastic	●	5

Felt wheels

FINIT-EASY

FELT

diam.	width	center hole	den-sity	code	stock	
Ø 6	1/4*	1"	600	**MHV5600/T31**	●	6

** For use on Finit-easy*

Mount the super thin polishing wheel on the Finit-Easy and make even the most inaccessible corners shine. Together with this ingenious extension arm, the polishing wheel is the ideal combination for polishing inside corners and other hard-to-reach locations. This way you can always finish your workpiece flawlessly, down to the smallest detail.

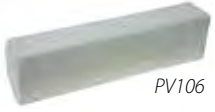
● = available from stock ● = consult for leadtime

POLISHING BARS

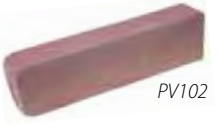

PV104


PV101


PV05


PV106


PV105


PV102


PV07


PV03

Polishing paste

POLISHING BARS

color	code	gloss finish ability	grease content	stock	
Grey	**PV104**	■■■■□□□□□□	■■■□□□□□□□	●	1
Green	**PV101**	■■■■■□□□□□	■■■■■■■□□□	●	1
White	**PV106**	■■■■■■■□□□	■■□□□□□□□□	●	1
White	**PV105**	■■■■■■■■□□	■■■■■■■■□□	●	1
Pink	**PV102**	■■■■■■■■■■	■■■■■■■■■■	●	1

Low **High**
■■■■■□□□□□

Cibo has selected a series of technical polishing pastes with very specific properties. Though they have been specifically developed mainly for finishing stainless steel, aluminium and non-ferrous metals, the polishing pastes are also ideally suited for working carbon steel, chrome, etc.

POLISHING BARS

material to be worked	DESIRED RESULT			
	polished	polished/glossy	glossy	high gloss
	FOR USE WITH			
	sisal	sisal/cotton	cotton	cotton/flannel
aluminium	PV104	PV106/PV101	PV101	PV102/PV03
copper/brass/bronze	PV104	PV106/PV101	PV101	PV102/PV03
SST/chrome/titanium	PV104	PV106/PV101	PV105	PV102/PV03
plastics/stone	–	–	PV05	PV07
steel/cast iron	PV104	PV106/PV101	PV105	PV102/PV03
gold/silver	–	PV106/PV101	PV101	PV102/PV03

For other references, please consult Cibo.

Inoxiclean

INOXICLEAN CHALK (VIENNA CHALK)

Applications: Removing polishing paste residue after polishing operations

volume	code	stock	
10.5 oz	**PV103**	●	1

Remove the polishing pastes only using Vienna chalk and a very soft, clean piece of cloth (e.g. microfibre or flannel). This chalk degreases and ensures you can easily remove the paste residue without making any new scratches on the workpiece.

INOXICLEAN CHALK

● = available from stock ● = consult for leadtime

CLEANING PRODUCTS

CLEANING PRODUCTS

Cleaning products

Be proud of your "STAINLESS STEEL" work!

A stainless steel mail box, a piece of design furniture or a new machine. If you would like it to be appreciated, it should shine like new.

Cibo has a suitable cleaning product for each stage of life of your stainless steel product.
Whether it's during production, just after installation, or for occasional maintenance. Cibo has the right product.

A selection of carefully chosen and tested consumables simplify the use of the cleaning products and guarantee you maximum results.

With the InoxiClean range, Cibo ensures you can be proud of your work. Now, tomorrow and forever!

Production

INOXICLEAN CHALK (VIENNA CHALK)

Applications: Removing polishing pastes

volume	code	stock	
10.5 oz	**PV103**	●	1

INOXICLEAN CHALK

Maintenance

INOXICLEAN SPRAY

Application :
- Maintaining stainless steel
- Removing dirt and grease traces on the workpiece after finishing
- Gives a brushed workpiece a shiny gloss

Use: In combination with a very soft clean piece of cloth (flannel or microfibre) to avoid damaging the work piece

volume	code	stock	
13.5 oz	**SPIC**	●	1

INOXICLEAN SPRAY

INOXICLEAN FOAM

Application :
- Maintaining polished stainless steel
- Removing dirt and grease traces
- Gives a polished workpiece a shiny gloss

Use: In combination with a very soft clean piece of cloth (flannel or microfibre) to avoid damaging the work piece

volume	code	stock	
13.5 oz	**FOAMIC**	●	1

INOXICLEAN FOAM

● = available from stock ● = consult for leadtime

Safeguard your investment with regular maintenance.

Despite the fact that stainless steel is many times more resistant against natural elements compared to traditional steel, it is not entirely maintenance free. It is important that the piece of work, the furniture or the structure is kept clean and that flash rust is removed frequently. Regular maintenance protects your investment against deterioration, which can influence the mechanical strength of the construction.

Before

After

How to use?

1

Spray the restore on the surface to be treated. Leave it to work in approx. 5 minutes.

2

Rub down, applying some pressure, using a white tex pad.

3

Remove the product with a wet cloth and subsequently dry using a clean cloth.

Restore sets

Restoration

INOXICLEAN RESTORE

Properties:
- Removes rust and impurities in a fast and safe manner
- Brings back the original lustre and appearance of your stainless steel
- 100% biodegradable

Applications: Industrial kitchens, facade renovation, swimming pools, outdoor furniture, industrial bakeries, maintenance of machinery, rims and vehicle exhausts, maritime renovation, etc.

volume	code	stock	
0.5 liter	ICRE/500	●	1
5 liter	ICRE/5000	●	1

INOXICLEAN RESTORE

ICRE/SET

With the starter kit you have everything at hand to clean all surfaces comfortable and in a jiffy.

Properties:
- Removes rust and impurities in a fast and safe manner
- Brings back the original lustre and appearance of your stainless steel
- 100% biodegradable

Applications: Industrial kitchens, facade renovation, swimming pools, outdoor furniture, industrial bakeries, maintenance of machinery, rims and vehicle exhausts, maritime renovation, etc.

code	stock	
ICRE/SET	●	1

content	code	description	number
	ICRE/500	InoxiClean Restore 0.5 liter	1
	T/00/140100	Tex 00 sheet 5-1/2" x 4"	8
	HG12080	Tex handle	1
	ICMV/XF/400400	Microfibre cloth fibre extra fine 16" x 16"	1
	ICMV/F/400400	Microfibre cloth fibre 16" x 16"	1
	–	Gloves (per pair)	3

INOXICLEAN RESTORE

● = available from stock ● = consult for leadtime

> Restoration

INOXICLEAN RESTORE

ICRE/SET/XL

Need to treat large surfaces ? Then select the XL-SET. This set contains a handy spray device which allows you to cover whole surfaces, railings or products in a fraction of the time.

Properties:
- Removes rust and impurities in a fast and safe manner
- Brings back the original lustre and appearance of your stainless steel
- 100% biodegradable

Applications: Industrial kitchens, facade renovation, swimming pools, outdoor furniture, industrial bakeries, maintenance of machinery, rims and vehicle exhausts, maritime renovation, etc.

code	stock	
ICRE/SET/XL	●	1

content	code	description	number
	ICRE/5000	InoxiClean Restore 5 liter	1
	T/00/360110	Tex 00 sheet 14-1/4" x 4-1/4"	25
	IC/SPRAYER	Sprayer	1
	ICMV/XF/400400	Microfibre cloth extra fine	5
	–	Gloves (per pair)	1

Consumables

TEX HANDLE

Provided with strong hooks so that the tex sheets hook tightly on the handle.

Applications :
- Cleaning oxidation
- Structuring stainless steel
- Coating removal of primers
- Matting lacquers
- Surface preparation

dimensions	code	stock	
3" x 5"	**HG12080**	●	1

TEX HANDLE

WHITE TEX GRIP SHEETS

Use with the tex handle

dimensions	code	stock	
4" x 5-1/2"	**T/00/140100**	●	50

TEX GRIP SHEETS

MICROFIBRE CLOTH – FINE

Properties:
- Removes dirt and grease
- High absorbent capacity
- Can be used on polished workpieces (no damage, makes no scratches)

density	code	description	stock	
Fine	**ICMV/F/400400**	16" x 16"	●	5

MICROFIBRE CLOTHS

MICROFIBRE CLOTH – EXTRA FINE

Properties:
- Highly recommended for mirror polished workpieces
- Very soft cloth

density	code	description	stock	
Extra fine	**ICMV/XF/400400**	16" x 16"	●	5

MICROFIBRE CLOTHS

● = available from stock ● = consult for leadtime

MACHINES

MACHINES


Finitube

Finitube, the powerful and versatile finishing champion.

There are many types of tube fabrication. Tight radius bends, wide sweeping curves or simple long lengths. Whatever the type of tube or pipe you need to finish, achieving a consistant high quality finish is always the challenge.

The new Finitube is an innovative and ingeniously designed tool for the easy finishing of tube and pipes. This is a trail-blazing concept. In the design, Cibo has combined the experience of the many regular and satisfied users of the first model with the know-how and expertise of Cibo engineers. The result: a harmonious marriage between user-friendliness, innovative design and industrial quality, guaranteeing a quick and perfect finish for any type of tube, cylinder or pipe construction.

THE DETAILS

UNIQUE DRIVE

The directly driven arm on the driving motor is a remarkable technical improvement of the new Finitube. It is truly unique. This direct drive makes the connection between both parts extremely compact and stable. The abrasive belt is located in the extension of the machine and is perfectly aligned with the drive motor. As a result, the belt is very stable and runs smoothly over any tube or cylinder. Due to this unique design, the machine is very compact and easy to use.

BELT GUIDE

The new Finitube's 3 guide wheels immediately attract attention. Each wheel has its own design and technical properties. Each tread has its own pattern. The two runner wheels are wear-resistant and break-resistant and are equipped with specially designed lateral flanges. The rubber driving wheel comes with smart V-grooves. This unique concept gives the user many advantages. First of all, there is the incredibly flexible and stable belt tracking. The innovative guide wheels make it practically impossible for the machine's abrasive belt to slip off, irrespective of the machine's or user's position or complexity of the tube to be worked. The V-grooves ensure perfect traction without slipping and cool operation that considerably extends the lifespan of your abrasive belts.

EXTENSION ARM

The extension arm has an impact-proof foot. As a result, it is safe to place the machine on the floor even while the belt is turning, which increases user-friendliness. A protective stop has been mounted on the arm. This is the key to worry-free use of the machine, as it protects the workpieces against possible damage by the machine. The arm itself has been designed to be opened simply and quickly.

ROUND HANDLE

The unique round handle on the Finitube's top arm is extremely easy to operate, regardless of the operator's position. Due to the ingenious position of this round handle, less strength is required to close the arm completely. This allows the user to grip practically any tube, regardless of its diameter, to give it an optimal finish.

270°

With the most frequently used tube diameters, you have an immediate reach of no less than 270°, and with an extra movement, you can easily reach the full 360°.

THE MULTI V-BELT

The powerful 1200 Watt driving motor has a double gear transmission with an extremely high torque. In order to transmit this force to the abrasive belt, a practically indestructible Multi V-belt is used with a built-in slip clutch. Because this drive will slip before the machine reaches its highest torque point, it retains its ability to protect the motor and the operator.

Finitube

FINITUBE SET

code	voltage	power	RPM	stock	
SMFTNB	110V	1200W	900-2,810	●	1

content	code	description	number
	–	Motor and FiniTube-arm	1
	VT/RC1/675X40	Surface conditioning belt 1-1/2" x 26-1/2" RC1-Coarse	1
	VT/RC2/675X40	Surface conditioning belt 1-1/2" x 26-1/2" RC2-Medium	2
	VT/RC3/675X40	Surface conditioning belt 1-1/2" x 26-1/2" RC3-Fine	1
	JF4T/120/675X40	Abrasive belt 1-1/2" x 26-1/2" grit type 120	2
	JF4T/220/675X40	Abrasive belt 1-1/2" x 26-1/2" grit type 220	2
	JF4T/320/675X40	Abrasive belt 1-1/2" x 26-1/2" grit type 320	2
	237AA/30/675X40	Trizact™belt 1-1/2" x 26-1/2" grit type A30 (= grit type P600)	1
	237AA/45/675X40	Trizact™belt 1-1/2" x 26-1/2" grit type A45 (= grit type P400)	1
	T/AVFSOFT/170158	Tex sheet 6-3/4" x 6-1/4" AvfSoft-Very fine	4
	T/SUF1000/170158	Tex sheet 6-3/4" x 6-1/4" Suf1000-Ultra fine	4
	FORU/60	Rubber-bonded sanding block grit type 60	1
	SPIC	Inoxiclean spray can	1

+ delivered in a metall case

FINITUBE

SMFTNA

● = available from stock ● = consult for leadtime

Cloth belts

JF4T - AL.OX. TOP SIZE

L x W	grit	code	stock	
1-1/2 x 26-1/2	60	JF4T/60/675x40B	●	10
	80	JF4T/80/675x40B	●	10
	120	JF4T/120/675x40B	●	10
	150	JF4T/150/675x40B	●	10
	180	JF4T/180/675x40B	●	10
	220	JF4T/220/675x40B	●	10
	320	JF4T/320/675x40B	●	10
	400	JF4T/400/675x40B	●	10

Cloth belts

TZ59 - ZIRC

L x W	grit	code	stock	
1-1/2 x 26-1/2	40	TZ59/40/675x40B	●	10
	60	TZ59/60/675x40B	●	10
	80	TZ59/80/675x40B	●	10
	100	TZ59/100/675x40B	●	10
	120	TZ59/120/675x40B	●	10

237AA - TRIZACT

L x W	grit	code	stock	
1-1/2 x 26-1/2	A160 (P120)	237AA/160/675x40B	●	10
	A100 (P220)	237AA/100/675x40B	●	10
	A80 (P240)	237AA/80/675x40B	●	10
	A65 (P280)	237AA/65/675x40B	●	10
	A45 (P400)	237AA/45/675x40B	●	10
	A30 (P600)	237AA/30/675x40B	●	10
	A16 (P1400)	237AA/16/675x40B	●	10
	A6 (P2000)	237AA/6/675x40B	●	10

Cloth belts

337DC - TRIZACT

L x W	grit	code	stock	
1-1/2 x 26-1/2	A300 (P80)	**337DC/300/675x40B**	●	10
	A160 (P120)	**337DC/160/675x40B**	●	10
	A100 (P220)	**337DC/100/675x40B**	●	10
	A65 (P280)	**337DC/65/675x40B**	●	10
	A45 (P400)	**337DC/45/675x40B**	●	10

Surface conditioning-belts

RC

L x W	grit	code	stock	
1-1/2 x 26-1/2	CO	**VT/RC1/675x40TB**	●	10
	ME	**VT/RC2/675x40TB**	●	10
	VF	**VT/RC3/675x40TB**	●	10

T00 – POLISHING BELT

L x W	grit	code	stock	
1-1/2 x 26-1/2	T00	**VT/T00/675x40TB**	●	10

● = available from stock ● = consult for leadtime

Finit-Easy, no corner is safe any more!

Accessibility is an important term in the world of abrasives. Nearly anything can be manufactured and welded, but it is not much help if the piece cannot be finished. The Finit-Easy offers you the accessibility and freedom of movement you require for a professional finish in hard-to-reach areas and corners. Finishing inside corners and removing weld seams becomes child's play with this innovative extension arm.

THE DETAILS

UNIQUE DRIVE

The Cibo Finit-Easy has a direct connection of the arm to the drive motor. Due to this direct mounting, the connection between both parts is extremely compact and stable. The direct drive ensures the flexible and quiet working of the appliance. The device has ergonomic advantages. Due to the ingenious positioning of the arm, the device is better balanced, which improves its grip. This results in a smooth and comfortable operation.

ACCESSIBILITY

As the extension arm is connected onto the driving motor, the Finit-Easy is 40% more compact at the height of the connection, considerably increasing accessibility. At 25mm, the end of the arm is the narrowest on the market. As a result, the Finit-Easy can be used to finish acute corners up to 30°.

ADJUSTABLE PROTECTIVE COVER

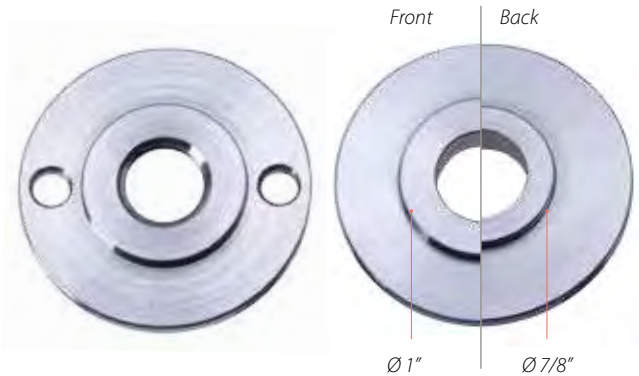
The Finit-Easy has a practically continuous variable protective cover. With its handy click and sliding system, the protective cover can be moved through an angle of 90°. As a result, the cap can be optimally positioned at any given time with little effort, no matter how you twist or turn the machine. This ensures safe use in all circumstances, without the protective cap interfering with your work.

POWER AND DURABILITY

The powerful 1200 Watt drive motor has double gearing. It is a powerful motor, unstoppable even at low rpm. In order to transmit this power, a practically indestructible Multi V-belt with built-in slip clutch runs right through the extension arm. Because this drive belt will slip before the machine reaches its highest torque, it retains its ability to protect the motor and the operator. The rotation speed of the motor can be adjusted from 1300 to 4000 RPM. By adjustment of the speed of the machine to the advised RPM specified on the abrasive products, we can guarantee maximum efficiency of our abrasive material. In this way you can avoid burnt areas on the workpiece and you have maximum control of the grinding process.

STAINLESS STEEL-SAFE

The Finit-Easy extension arm is manufactured entirely from anodised aluminium. The flanges used to attach grinding products to the 5/8"-11 screw thread are made from stainless steel. This makes the machine completely stainless steel-safe. There is no contamination if part of the machine comes in contact with a stainless steel workpiece.



SMART FLANGES

The stainless steel flanges allow you to mount discs of varying shaft diameter and thickness effortlessly and safely on the Finit-Easy.

● = available from stock ● = consult for leadtime

Finit-Easy

FINIT-EASY

FINIT-EASY SET

code	voltage	power	RPM	stock	
SMFEFB/W	110V	1200W	900-2,810	●	1
SMFEBB/W	110V	1200W	900-2,810	●	1

SMFEFA

content	code	description	Number SMFEBB/W	Number SMFEFB/W
	SMFEMB/W	FiniPower®: 1200 Watt and Finit-Easy-arm	1	1
	SA2T31	Finishing wheel Ø 6" x 1/4" x 1" SA2	–	1
	SA3T31	Finishing wheel Ø 6" x 1/4" x 1" SA3	–	1
	SA5T31	Finishing wheel Ø 6" x 1/4" x 1" SA5	1	1
	SA6T31	Finishing wheel Ø 6" x 1/4" x 1" SA6	1	1
	SA7T31	Finishing wheel Ø 6" x 1/4" x 1" SA7	1	1
	MA8T31	Finishing wheel Ø 6" x 1/4" x 1" MA8	–	1
	SA7T30	Finishing wheel Ø 6" x 1/8" x 1" SA7	1	1
	MA8T30	Finishing wheel Ø 6" x 1/8" x 1" MA8	1	1
	TA9T30	Finishing wheel Ø 6" x 3/16" x 1"	–	1
	MHV5600/T31	Felt disc Ø 6" x 1/4" x 1"	1	1
	PV102	High gloss polishing paste - pink	1	1
	RCD/ME/115	RCD-disc Ø 4-1/2" x 7/8" Medium	1	1
	SAG/5/115	SA-disc on glass fibre SA5 Ø 4-1/2" x 7/8"	1	1
	FORU/60	Rubber-bonded sanding block grit type 60	–	1
	SPIC	Inoxiclean spray can	–	1
	SV19030	Abrasive file 7-1/2" x 1-1/4"	1	1
	706GR/24/V006	Grip sheet 7-1/2" x 1-1/4" Grit type 24	6	6
	FMGRT/AF/60040	Tex open belt 23-1/2" x 1-1/2" AF	2	2

+ delivered in a metal case
+ socket wrench 4mm and 6mm + spanner

● = available from stock ● = consult for leadtime


Finimaster

Finimaster Pro, the mobile workshop.

This powerful machine with an extremely high torque ensures amazing power transmission.
The adjustable speed guarantees comfort and is user-friendly.
The ingeniously placed handle ensures 100% controllable working pressure.

The result is an uniform and flawless finish in less time and using less material on sheet material as well as on round and square tubes.

Regardless of whether we are dealing with satinising, structuring, homogenising, brushing, roughing, cleaning, polishing, … the Finimaster combines high user-friendliness with a finish similar to that of a stationary machine. The Finimaster's great zest for work can be seen in the wide variety of brushes, belts and finishing and grinding wheels that can be used on this machine.

THE DETAILS

APPLICATIONS

Satinising, structuring, homogenising, brushing, roughing, cleaning, polishing, etc. of stainless steel, aluminium, brass, copper, plastic, wood and much more.

PROPERTIES

- Double toothed gear transmission that provides an extremely high torque, resulting in amazing power transmission.
- VTC-electronics steering guarantees a constant revolution speed. It monitors the winding temperature, even under heavy loads, and includes electronic safety restart.
- Continuously adjustable speed control from 900 to 2810 RPM for optimal use of the grinding products.
- Patented powder coating provides additional protection of the motor against dust (up 50% longer lifespan).
- Powerful 1200 Watt motor
- Double bearing
- The handle is placed directly above the grinding wheel for perfect control of the workpiece.
- Solid, easily adjustable protective cap.
- Each set is delivered with a sturdy toolbox.

BENEFITS

- Uniform & flawless finish
- Faster grinding, quicker results
- Perfect control of workpiece
- Suited for working sheet material as well as round and square tubes
- It is also possible to grind right into corners
- Grinding from practically any position thanks to the ingeniously adjustable protective cap.
- Faster change of materials thanks to the handy attachment system M14
- Cooler grinding
- Up 220% more grinding material

Finimaster Pro

FINIMASTER PRO

FINIMASTER PRO SET

code	voltage	power	description	RPM	stock	
FMCIPRS1/110/W	110V	1200W	Finimaster Pro set 1 (110V)	900-2.810	●	1
FMCIPRS2/110/W	110V	1200W	Finimaster Pro set 2 (110V)	900-2.810	●	1
FMCI/W	110V	1200W	Finimaster Pro set 2 (110V)	900-2.810	●	1

content	code	description	Number FMCIPRS1	Number FMCIPRS2
	FMCIW	Finimaster machine	1	1
	FMTW/80/120110	Tex wheel Ø 4-3/4" x 4-1/2" grit 80	1	1
	FMCW/80/120110	Combi wheel Ø 4-3/4" x 4-1/2" grit 80	–	1
	FMSBM1	Drive wheel for abrasive belts	1	1
	FMNUW	Inflatable wheel Ø 4-3/4" x 4"	1	1
	VT/FE1/395X100	Surface conditioning sleeve Ø 4-3/4" x 4" Coarse	1	1
	VT/FE2/395X100	Surface conditioning sleeve Ø 4-3/4" x 4" Medium	2	2
	VT/FE3/395X100	Surface conditioning sleeve Ø 4-3/4" x 4" Very Fine	1	1
	TZ59/40/385x100	Abrasive sleeve Ø 4-3/4" x 4" grit type 40	1	1
	TZ59/80/385X100	Abrasive sleeve Ø 4-3/4" x 4" grit type 80	1	1
	TZ59/120/385X100	Abrasive sleeve Ø 4-3/4" x 4" grit type 120	1	1
	337DC/300/385X100	Trizact™ sleeve Ø 4-3/4" x 4" grit type 300 (= grit type P80)	2	2
	JF4T/80/675X40	Abrasive belt 26-1/2" x 1-1/2" grit type 80	1	1
	JF4T/120/675X40	Abrasive belt 26-1/2" x 1-1/2" grit type 120	1	1
	FMGRT/AF/60040	Tex open belt 23-1/2" x 1-1/2" m AF	2	2
	FMGRT/SUF/60040	Tex open belt 23-1/2" x 1-1/2" SUF	2	2
	FMGRSL50030	Grip lock (velcro fastner) 20" x 1-1/4"	1	1
	FORU/60	Rubber-bonded sanding block grit type 60	–	1
	SPIC	Inoxiclean spray can	–	1
	MHIT	Inoxitape	–	1

FMCIPRS2

+ delivered in a sturdy box
+ spanner 17mm + pump

Trizact™ is a registered trademark of the 3M Company.

Tex flap wheels

FINIMASTER PRO – 5/8"-11

diam.	width	attach-ment	grit	code	max RPM	stock	
Ø 4-3/4	2	5/8-11	80	**FMTW/CO/12050**	4,200	●	1
	2	5/8-11	180	**FMTW/M/12050**	4,200	●	1
	2	5/8-11	280	**FMTW/F/12050**	4,200	●	1
	2	5/8-11	400	**FMTW/VF/12050**	4,200	●	1
	2	5/8-11	600	**FMTW/UF/12050**	4,200	●	1
	2	5/8-11	CP	**FMTW/CP/12050**	4,200	●	1
	4-1/4	5/8-11	80	**FMTW/CO/120110**	4,200	●	1
	4-1/4	5/8-11	180	**FMTW/M/120110**	4,200	●	1
	4-1/4	5/8-11	280	**FMTW/F/120110**	4,200	●	1
	4-1/4	5/8-11	400	**FMTW/VF/120110**	4,200	●	1
	4-1/4	5/8-11	600	**FMTW/UF/120110**	4,200	●	1
	4-1/4	5/8-11	CP	**FMTW/CP/120110**	4,200	●	1

● = available from stock ● = consult for leadtime

Combination flap wheels

FINIMASTER PRO – 5/8"-11

diam.	width	attach-ment	grit	code	max RPM	stock	
Ø 4-3/4	2	5/8-11	80	**FMCW/80/12050**	4,200	●	1
	2	5/8-11	180	**FMCW/180/12050**	4,200	●	1
	4-1/4	5/8-11	80	**FMCW/80/120110**	4,200	●	1
	4-1/4	5/8-11	180	**FMCW/180/120110**	4,200	●	1

Ceramic wheels

WITH CENTER HOLE – 5/8"-11

diam.	width	attach-ment	grit	code	max RPM	stock	
Ø 4-3/4	2	5/8-11	60	**FMCWC/60/12050**	4,200	●	1
	4-1/4	5/8-11	60	**FMCWC/60/120110**	4,200	●	1

FINIMASTER PRO | COTTON

Finimaster wheels

FINIMASTER PRO – COTTON – 5/8"-11

diameter	width	attach-ment	type	code	stock	
Ø 5	2	5/8-11	White cotton	**SUW12550**	●	1
	4-1/4	5/8-11	White cotton	**FMPW125110**	●	1

FINIMASTER PRO | FLANNEL

Flannel polishing wheels

FINIMASTER PRO – FLANNEL – 5/8"-11

diameter	width	attach-ment	type	code	stock	
Ø 5	2	5/8-11	Flannel	**FLW12550**	●	1

Cloth belts

TZ59 – ZIRC.

L x W	grit	code	stock	
4 x 15	40	**TZ59/40/385x100B**	●	10
	60	**TZ59/60/385x100B**	●	10
	80	**TZ59/80/385x100B**	●	10
	100	**TZ59/100/385x100B**	●	10
	120	**TZ59/120/385x100B**	●	10

237AA – TRIZACT

L x W	grit	code	stock	
4 x 15	A160 (P120)	**237AA/160/385x100B**	●	10
	A100 (P220)	**237AA/100/385x100B**	●	10
	A80 (P240)	**237AA/80/385x100B**	●	10
	A65 (P280)	**237AA/65/385x100B**	●	10
	A45 (P400)	**237AA/45/385x100B**	●	10
	A30 (P600)	**237AA/30/385x100B**	●	10
	A16 (P1400)	**237AA/16/385x100B**	●	10
	A6 (P2000)	**237AA/6/385x100B**	●	10

Trizact™ is a registered trademark of the 3M Company.

● = available from stock ● = consult for leadtime

Cloth belts

337DC

L x W	grit	code	stock	
4 x 15	A300 (P80)	337DC/300/385x100B	●	10
	A160 (P120)	337DC/160/385x100B	●	10
	A100 (P220)	337DC/100/385x100B	●	10
	A65 (P280)	337DC/65/385x100B	●	10
	A45 (P400)	337DC/45/385x100B	●	10

Surface conditioning-belts

FE

L x W	grit	code	stock	
4 x 15-1/2	CO	VT/FE1/395x100TB	●	10
	ME	VT/FE2/395x100TB	●	10
	VF	VT/FE3/395x100TB	●	10

Cloth belts

A/O - OPEN BELTS WITH GRIP LOCK

dimensions	grit	grit type	code	stock	
1-1/2 x 24	60	A/O	FMGRL/60/60040	●	10
	80	A/O	FMGRL/80/60040	●	10
	100	A/O	FMGRL/100/60040	●	10
	120	A/O	FMGRL/120/60040	●	10
	220	A/O	FMGRL/220/60040	●	10
	320	A/O	FMGRL/320/60040	●	10

Tex belts

OPEN BELTS WITH GRIP LOCK

dimensions	grit	grit type	code	stock	
1-1/2 x 24	AF	A/O	FMGRT/AF/60040	●	10
	SUF600	S/C	FMGRT/SUF/60040	●	10

Abrasive belt drive - without flanges

FMSB

diameter	width	attachment	code	stock	
Ø 2-3/8	4	5/8-11	FMSBM1/W	●	1

FM double keyway conversion spindle

ADAPTER KEYWAY CONVERSION SPINDLE

length	attachment	code	stock	
4	5/8-11	FM AS+SPIE/W	●	1

InoxiClean spray

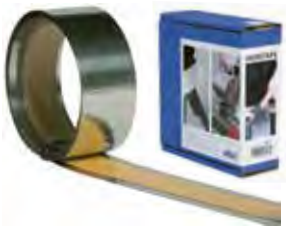
SPIC

Volume	code	stock	
13.5 oz	SPIC	●	3

Inoxitape

MHIT

length	width	thickness	code	stock	
5 mt	1-1/2″	.006	MHIT	●	1



Inflatable wheels

FMNUM

diameter	width	attachment	code	stock	
Ø 3/4	4-1/4	5/8-11	FMNUM/W	●	1

● = available from stock ● = consult for leadtime

Finipower

FINIPOWER

FINIPOWER

Properties:

- Motor protected against dust
- Continuously adjustable rpm
- Protection against overload
- Spindle lock
- Double-toothed gear transmission

code	voltage	power	RPM	stock	
SMFP/W	110V	1200W	900-2,810	●	1
SMMS6B/W	110V	1200W	2,000-6,500	●	1

● = available from stock ● = consult for leadtime

ACCESSORIES

ACCESSORIES

Finimaster accessories

ADAPTER KEYWAY CONVERSION SPINDLE

ADAPTER KEYWAY CONVERSION SPINDLE

length	code	stock	
4	FM AS+SPIE/W	●	1

FINIMASTER PRO

INFLATABLE WHEELS

diameter	width	attach-ment	code	stock	
Ø 4-3/4	4	5/8-11	FMNUM/W	●	1

FINIMASTER PRO

ABRASIVE BELT DRIVE - WITHOUT FLANGES

diameter	width	attach-ment	code	stock	
Ø 2-1/2	4	5/8-11	FMSBM1/W	●	1

Back-up pads for angle grinders

STANDARD - SEMI FLEXIBLE

STANDARD HOOK AND LOOP - SEMI-FLEXIBLE

diameter	thickness	attach-ment	code	stock	
Ø 6	5/8	5/8-11	150VELSUPERXM/W	●	1

Back-up pads for angle grinders

AX EXTRA HOOK AND LOOP - HARD

AX EXTRA - HARD

Applications : Suited for surface conditioning discs

diameter	thickness	attach-ment	code	stock	
Ø 4-1/2	8	5/8-11	**115VELSC/W**	●	1
Ø 5	8	5/8-11	**125VELSC/W**	●	1

AX EXTRA HOOK AND LOOP - HARD WITH CENTRAL BUTTON

AX EXTRA - CENTRAL BUTTON

Applications : Exclusively suited for surface conditioning discs
Properties: Provided with a central button that ensures a perfect centering and exceptional adhesion

diameter	thickness	attach-ment	code	stock	
Ø 4-1/2	Ø 3/8	5/8-11	**115VELSCN/W**	●	1
Ø 5	Ø 3/8	5/8-11	**125VELSCN/W**	●	1

EXTRA HOOK AND LOOP WITH HEAT-RESISTANT VELCRO

EXTRA - HEAT RESISTANT

diameter	attach-ment	code	stock	
Ø 3	5/8-11	**75VELVZ/W**	●	1
Ø 4-1/2	5/8-11	**115VELVZ/W**	●	1

Interlayer foam - heat-resistant

EXTRA HOOK AND LOOP WITH HEAT-RESISTANT VELCRO

INTERLAYER FOAM - HEAT RESISTANT

diameter	code	stock	
Ø 3	**75IT**	●	1
Ø 4-1/2	**115IT**	●	1

● = available from stock ● = consult for leadtime

Fibre disc back-up pads for angle grinder

FLEXIBLE BACK-UP PAD

FLEXIBLE BACK-UP PAD

Properties:
- Grinding with soft contact
- Controlled removal
- Finer finish

diameter	attach-ment	code	stock	
Ø 4-1/2	5/8-11	**FIZ115/W**	●	1
Ø 5	5/8-11	**FIZ125/W**	●	1
Ø 7	5/8-11	**FIZ179/W**	●	1

HARD BACK-UP PAD (HP)

HARD BACK-UP PAD - HIGH PERFORMANCE

Properties:
- Ventilated back-up pads
- Guarantee a hard and stable contact at all times
- Extremely heat-resistant

diameter	attach-ment	code	stock	
Ø 4-1/2	5/8-11	**FIH115/W**	●	1
Ø 5	5/8-11	**FIH125/W**	●	1
Ø 7	5/8-11	**FIH178/W**	●	1

Stainless steel flanges for Finit-Easy

UPPER FLANGE

UPPER FLANGE

code	stock	
SMFE/A1010	●	1

LOWER FLANGE

LOWER FLANGE

code	stock	
SMFE/A1009	●	1

Hand sanding systems

ABRASIVE FILE

ABRASIVE FILE

The everlasting file with the quickly interchangeable grip sheets.

Properties:
- Super quick replacement of strips
- Choice of various grades and grit sizes
- Any aggressiveness and finish is possible
- Always razor-sharp and ready for work

Applications :
- Profiling finish wheels
(Sheets for abrasive file)

dimensions	code	stock	
7-1/2 x 1-1/4	**SV19030**	●	1

Paper grip sheets for abrasive file

SP706F

dimensions	code	stock	
190 x 30	**706GR/24/V006**	●	25

Hand sanding systems

TEX HANDLE

TEX PAD SUPPORT

Provided with strong hooks so that the tex sheets hook tightly on the handle.

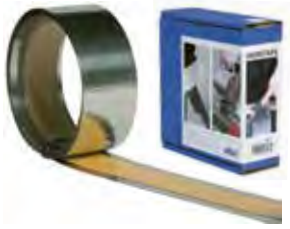
Applications :
- Cleaning oxidation
- Structuring stainless steel
- Coating removal of primers
- Matting lacquers
- Surface preparation

dimensions	code	stock	
4-3/4 x 3-1/8	**HG12080**	●	1

● = available from stock ● = consult for leadtime

Inoxitape

INOXITAPE



INOXITAPE

Application: • Protecting certain parts of a workpiece during the sanding process

Properties : • Self adhesive
• Packed in a handy dispenser box

length	width	thickness	code	stock	
5 mt	1-1/2	.006	**MHIT**	●	1

Tips & Tricks: Brush the weld seam in mitre

Step 1
Cut the Inoxitape to size using scissors.

Step 2
Remove the tape strip and stick the Inoxitape from corner to corner.
Press the Inoxitape firmly onto the work-piece.
Make sure the work piece has cooled for the tape to stick properly.

Step 3
Sand lengthwise along the structure up to the Inoxitape.
Use the wheel to brush along the tape to make sure the structure is correctly positioned along the entire cutting line. That way you can work close to the tape, without crossing the side of the finishing wheel.

Turn the work piece and stick the Inoxitape to the other side of the mitre. Repeat the previous steps on this side.

Step 4
Remove the tape and then use Inoxiclean and very soft tissue (e.g. microfibre or flannel) to remove any glue traces or dirt from the work piece and protect it against fingerprints and grease stains.

Drive belts for finishing machines

DRIVE BELTS

machine	year of construction machine	code	stock	
Finit-Easy	year constructed > 10/2009	**SMFEN/005**	●	1
Finitube	year constructed > 4/2008	**SMFTN/009**	●	1

DRIVE BELTS

SMFEN/005 - SMFTN/009

● = available from stock ● = consult for leadtime

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