

JAZ[®]
SURFACE EXPERTS

Surface finishing
& polishing





Committed to excellence working with surfaces since 1924

Since 1924 JAZ has specialized in the manufacturing and selling of power and hand wire brushes, nylon brushes, coated abrasives, etc. for solutions used in surface treatment.

We are the market leader in Spain and export the majority of our production to more than 65 countries worldwide, with special activity in the USA through our wholly owned subsidiary JAZ BRUSH USA, INC.

After 100 years of experience and internationally recognized for our quality, service and innovation, JAZ continues with the same vision and goals that we started with back in 1924.

This is evident through our constant commitment and investments in R&D and the commitment to the future, redefining the way to better understand our products, offering a new look and feel geared towards better educating the end user, expanding our product offering and our new brand image. All of this with the goal of continuing to offer the absolute best solutions and best service to our customers and end users.



In **JAZ**, we work as a team and we share the aim of being an enterprise that offers different products and solutions for surface treatment applications. This allows us to provide satisfaction and profitability to our customers, as well as being a reference of quality, service and innovation for them.

Management System

In **JAZ** we adapt to changes through the increasing of knowledge and the generation of new opportunities.

For this objective we work systematically in the 5 key areas for our competitiveness

- Quality Assurance Program
- Training
- Health and Safety at Work
- Productivity
- Innovation



Activity

Wire Brushes:

A wide range of standard articles for industrial supplies and professional hardware sectors.

Range of Abrasives:

Wide variety of solutions for finishing and polishing surfaces.

Technical Brushes:

We offer new brushing solutions for different industrial applications and areas.



Present in 65
countries



Internationalization

In **JAZ** we export most of our production to 65 countries worldwide with special activity in the USA where we operate through our subsidiary **JAZ USA Inc.** -located in New Bedford, MA-, who gives service to our customers in the USA and CANADA.



Specialist in surface treatment

Innovation

In **JAZ** innovation is the systematic search for changes in the market and the analysis of the opportunities offered by such changes.

In recent years we have developed and registered new international patents and we have received awards in technological innovation.



JAZ[®]

SURFACE EXPERTS

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01.
**Technical
information
about
abrasives**

An **abrasive** is a material that is hard enough to scratch other materials and tough enough to withstand continuous work with minimal wear, either by removing excess material by deburring or improving the quality of the surface finish through polishing.

There are solid types of abrasives such as resin bonded grinding discs and flexible types such as bands and fiber grinding discs. Today, flexible abrasives have improved and in many applications can replace solid abrasives by being more efficient and more user friendly for the operator and with the environment.

TYPES OF ABRASIVES PRODUCTS

In the abrasive products world we have 2 main types: **natural abrasives** and **synthetic abrasives**.

Natural abrasives, as their name indicates, come from natural resources. Many of them are minerals like **quartz** or **diamond**, which are two of the most widely used abrasives.

Quartz is common abrasive material and is also known as silica sand. It is on the level 7/10 on the Mohs scale.

On the other hand, diamond is composed of carbon atoms. It is one of the hardest abrasive materials. It is at level 10/10 of the Mohs scale and is widely used to obtain highly accurate results such as in jewelry applications.

In synthetic abrasives we also find high-quality materials such as silicon carbide, aluminum oxide as well as **Zirconium Alumina** and **Corundum**. These two are the most common along with synthetic diamond.



PHASES FOR METAL POLISHING

The entire process for polishing a piece consists of five phases or metal finishing techniques. They are the following:

01.

Brushing

This technique is applied when after stripping there are still traces of rust or impurities of dirt, especially in pieces with many bends and cracks.

- **Gratation** is done with brushes made of steel wires, since these can access deeper into difficult areas.

02.

Deburring

It refers to the action of removing roughness or impurities from the coarser parts of a material that you want to polish. It can be done with both mechanical and manual tools and on all type of materials: wood, stone, metal, plastics, etc.

On metal: with a file, with sanding belts, with discs of different grains, etc., you can remove the extra material to smooth the surface of a weld, for example.

Deburring is done with sandpaper belts of different sizes and grains.

- The higher the grit number, the finer the sandpaper. For lines and imperfections more pronounced, the sandpaper must be thicker and, therefore, the grit number must be lower, and vice versa.
- There are sanding belts for different types of metals, for example, for polishing steel or for brass polishing, and some of them can be used in more than one.
- Softer metals are usually deburred with finer belts, and harder metals with thicker belts.

The deburring process is carried out at a speed of 3,000 r.p.m.

03.

Grinding

Its main function is to eliminate the marks that the sanding belts have left on the pieces. However, in objects that cannot be subjected to deburring because they cannot withstand the hardness of the contact with the sandpaper, grinding becomes the first step in the polishing process.

- Grinding is always done with felt discs. The size and shape of the discs will depend on the shape of the piece.
- The discs can be of different grains. The most used are between numbers 80 and 220.
- Some examples: for a large piece a disc or a wide band is needed. This process is also carried out at a speed of 3,000 r.p.m.

04.

Polishing

Through polishing we remove the marks that may have been produced during grinding.

- Polishing is done with Sisal and Flannel discs at 3,000 r.p.m.
- Sisal discs are used to polish stainless steel and iron, which are hard metals.
- Flannel discs are used on softer metals, such as brass and zamak.

05.

Brightening

The purpose of brightening is to give the piece maximum shine.

- Brightening is applied to parts that, once polished, will not have any other metallic coating.
- In this process we always use a cotton disc, regardless of the metal the disc is made of.

Like the other processes, brightening is carried out at 3,000 r.p.m.

SOLID POLISHING PASTES

Used for polishing, re-polishing and polishing all types of material. Iron, stainless steel, copper, brass, marble, glass, aluminum, precious metals, methacrylate, plastic, figures in polyester resin, etc.

Generally used with polishing wheels for cloth, cotton, sisal-cloth, flannel, sisal-rope, etc.







- **BROWN PASTE:** For polishing non-ferrous metals, applied to materials such as brass, bronze, copper, etc...
- **GRAY PASTE:** For polishing carbon and stainless steel, removes scratches from sanding. Ease of application, speed in removing scratches from metals, smooth and uniform surface finishing.
- **GREEN PASTE:** For bronze chrome. For polishing and brightening soft metals. Easy to apply, excellent characteristics in removing scratches from pieces, with a persistent shine, improves the finish on spare part surfaces.
- **WHITE PASTE:** Applied to materials such as aluminum, marble, granite and acrylic. Generally employed in combination with buffing wheels of blanket cloth, cotton, denim, rag cloth and flannel.
- **PINK PASTE:** For polished-tinted finishing on Stainless Steel and Aluminum mainly. It is used in conjunction with sisal discs and cotton-sewn discs depending on the hardness of the material to be worked.



Code	Description
PSPROSA	Solid Polishing Paste (Pink)
PSPMARRON	Solid Paste Polishing Non-Ferrous Metals (Brown)
PSPGRISNEGRA	Solid Steel Polishing Paste (Grey-Black)
PSPBLANCA	Solid Gloss Paste (White)
PSPVERDE	High Gloss Solid Paste (Green)

CHOOSE THE BRUSH ACCORDING TO THE ACTION TO BE PERFORMED

SURFACE	 Finishing (Improve surface finish)	 Polishing
STEEL		
ALUMINIUM		
STAINLESS		
BRASS		
WOOD		
RUBBER		
STONE		

-  GRINDER
-  DRILL
-  BENCH-GRINDER
-  INDUSTRIAL MACHINE
-  WOOD PORTABLE MACHINE
-  BURNISHING

WORK SAFELY: REGULATIONS AND DIRECTIONS

In any company that produces or transforms goods, as required by law, operators must comply with the safety standards recommended by your company, taking into account the risks to which you are subject (as reported in the DVR of each company, in accordance with Legislative Decree 81/08) and Personal Protective Equipment (PPE) that is required during each application. Depending on the type of work performed, it may be necessary Wear work gloves, safety glasses, dust masks, leather aprons, headphones, and earplugs. The correct use of PPE is essential to safeguard the health of workers and avoid accidents in the workplace.

Safety pictograms

Safety pictograms provide information on the correct use of products through images explanation. Pictograms with a black background require the use of the PPE shown, while those marked with a prohibition sign in red represent recommendations to avoid problems.

It is recommended to pay special attention to the safety instructions before starting abrasive applications. It is also essential to follow the safety instructions of the products (protection against wear, maximum allowed revolutions per minute, etc.).



USE OF GLASSES



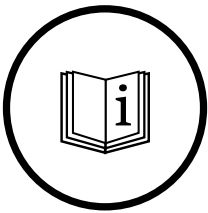
USE OF EAR
PROTECTOR



USE OF GLOVES



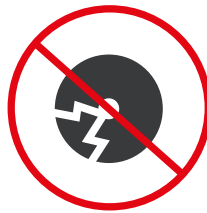
USE OF MASK



RESPECT ALL
REGULATIONS



ONLY FOR CUTTING



DO NOT USE IF
IT'S BROKEN



IRON & SULFUR
FREE



02.
Brushes for
Finishing

CCM Brush range

JAZ "CCM" brushes are mainly composed of nylon filaments impregnated with: Silicon carbide, aluminum oxide, diamond, ceramic coating, etc.

The "CCM" line is designed to be mounted as a tool for use in machining centers, robots, flexible cells, etc.

The "CCM" brushes provide a variety of solutions such as deburring, blending and finishing, rounding of edges, contouring of edges and refinement of surfaces.

Our abrasive filament brushes can be run dry (without a coolant), however applying a "coolant" to the abrasive filaments will improve the finish and performance of the tool.

Industries such as Automotive, Aeronautics, Sintered Metals, etc., where surface finishing is important, can find a solution to many surface finishing problems with JAZ "CCM" brushes.



ACTION	FINISHING
SURFACE	STEEL / STAINLESS / ALUMINUM
TOOL	INDUSTRIAL MACHINE
FINISHING	MEDIUM, FINE
REMOVAL	MAY VARY ACCORDING TO THE MATERIAL
FLEXIBILITY	MAY VARY ACCORDING TO THE MATERIAL

Tool Holder for CCM Brushes

For the correct mounting of CCM brushes in CNC machines, we recommend to use the Tool Holder.

The Tool Holder is designed to provide the best performance of CCM brushes.

Manufactured in one solid piece to improve the balancing and the life of the tool.

The design allows the coolant to flow through the Tool Holder, reducing the heating and also avoiding rust corrosion.



Class of Burr:

CLASS I: Micro Burrs can only be seen with magnification.

CLASS II: Feather Burrs can be seen without magnification. They can be removed with your fingernail.

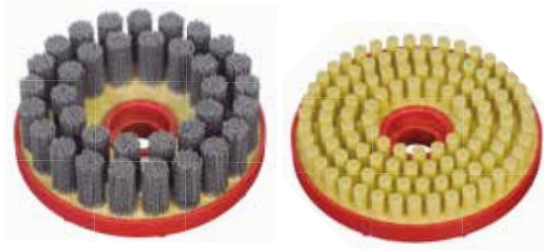
CLASS III: Well attached small burrs are small in nature, but require a lot of force to be removed.

CLASS IV: Well attached large burrs are large in nature and have a larger attachment point than a CLASS III burr.

CLASS V: Extruded burrs are very large burrs that extrude from the base material. These burrs need to be preconditioned before brushing.



BUNDLE



Characteristics

Designed for edge deburring and surface finishing.
The position of the filaments allows to enter in small bores or difficult areas access.

Applications

Suitable for Class I and II burrs.
Recommended for deburring surfaces where all burrs are on the same level.

Sectors

Industry: Engineering, Aeronautics, Automotive, Sintered Metals and many more.

Ø Outside		Ø Arbor Hole		Trim Length		SILICIUM CARBIDE - Grit			DIAMOND - Grit		
mm	"	mm	"	mm	"	80	120	320	80	120	320
115	4.1/2"	14	9/16"	25	1"	CCM11580CSBU	CCM11512CSBU	CCM11532CSBU	CCM11580DBU	CCM11512DBU	CCM11532DBU
150	6"	20	3/4"	30	1.3/16"	CCM15080CSBU	CCM15012CSBU	CCM15032CSBU	CCM15080DBU	CCM15012DBU	CCM15032DBU

Ø exterior		Ø eje		Saliente		CERAMICO - Grano			OX.ALUMINIO - Grano		
mm	"	mm	"	mm	"	80	120	320	80	120	320
115	4.1/2"	14	9/16"	25	1"	CCM11580CRBU	CCM11512CRBU	CCM11532CRBU	CCM11580OABU	CCM11512OABU	CCM11532OABU
150	6"	20	3/4"	30	1.3/16"	CCM15080CRBU	CCM15012CRBU	CCM15032CRBU	CCM15080OABU	CCM15012OABU	CCM15032OABU

TURBO



Characteristics

Turbo brushes are the most practical and impressive brushes in the entire range
Medium deburring for Class II and Class III type burrs.

Applications

For rounding and roughing edges.
Recommended for flat surfaces, where all burrs are on a flat surface.

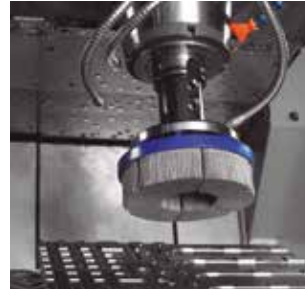
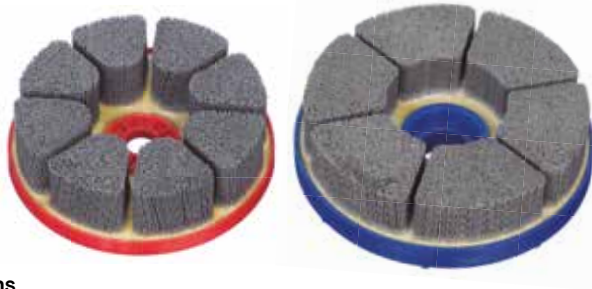
Sectors

Industry: Engineering, Automotive, Aeronautical, Sintered.

Ø Outside		Ø Arbor Hole		Trim Length		SILICIUM CARBIDE - Grit			DIAMOND - Grit		
mm	"	mm	"	mm	"	80	120	320	80	120	320
115	4.1/2"	14	9/16"	25	1"	CCM11580CSTR	CCM11512CSTR	CCM11532CSTR	CCM11580DTR	CCM11512DTR	CCM11532DTR
150	6"	20	3/4"	30	1.3/16"	CCM15080CSTR	CCM15012CSTR	CCM15032CSTR	CCM15080DTR	CCM15012DTR	CCM15032DTR

Ø Outside		Ø Arbor Hole		Trim Length		CERAMIC - Grit			ALUMINUM OX. - Grit		
mm	"	mm	"	mm	"	80	120	320	80	120	320
115	4.1/2"	14	9/16"	25	1"	CCM11580CRTR	CCM11512CRTR	CCM11532CRTR	CCM11580OATR	CCM11512OATR	CCM11532OATR
150	6"	20	3/4"	30	1.3/16"	CCM15080CRTR	CCM15012CRTR	CCM15032CRTR	CCM15080OATR	CCM15012OATR	CCM15032OATR

FULL



Applications

For harder Class III and Class IV type burrs.
Deburring coarse burrs
Good for flat surfaces.

Sectors

Industry: Engineering, Aeronautics, Automotive, Sintered Metals.

Ø Outside		Ø Arbor Hole		Trim Length		SILICIUM CARBIDE - Grit			DIAMOND - Grit		
mm	"	mm	"	mm	"	80	120	320	80	120	320
115	4.1/2"	14	9/16"	25	1"	CCM11580CSFL	CCM11512CSFL	CCM11532CSFL	CCM11580DFL	CCM11512DFL	CCM11532DFL
150	6"	20	3/4"	30	1.3/16"	CCM15080CSFL	CCM15012CSFL	CCM15032CSFL	CCM15080DFL	CCM15012DFL	CCM15032DFL

Ø Outside		Ø Arbor Hole		Trim Length		CERAMIC - Grit			ALUMINUM OX. - Grit		
mm	"	mm	"	mm	"	80	120	320	80	120	320
115	4.1/2"	14	9/16"	25	1"	CCM11580CRFL	CCM11512CRFL	CCM11532CRFL	CCM11580O AFL	CCM11512O AFL	CCM11532O AFL
150	6"	20	3/4"	30	1.3/16"	CCM15080CRFL	CCM15012CRFL	CCM15032CRFL	CCM15080O AFL	CCM15012O AFL	CCM15032O AFL

TUFT



Characteristics

The TUFT model is used for a wide range of deburring degrees. Brushes with less density than other model types. There is more space between the abrasive filaments providing more flexibility when brushing. This characteristic provides more flexibility to adapt to complex surface geometries. Highly recommended for planetary machine, ideal for deburring flat parts.

Sectors

Industry: Engineering, Aeronautics, Automotive, Sintered Metals.

Ø Outside		Ø Arbor Hole		Trim Length		SILICIUM CARBIDE - Grit			DIAMOND - Grit		
mm	"	mm	"	mm	"	80	120	320	80	120	320
115	4.1/2"	14	9/16"	25	1"	CCM11580CSTF	CCM11512CSTF	CCM11532CSTF	CCM11580DTF	CCM11512DTF	CCM11532DTF
150	6"	20	3/4"	30	1.3/16"	CCM15080CSTF	CCM15012CSTF	CCM15032CSTF	CCM15080DTF	CCM15012DTF	CCM15032DTF

Ø Outside		Ø Arbor Hole		Trim Length		CERAMIC - Grit			ALUMINUM OX. - Grit		
mm	"	mm	"	mm	"	80	120	320	80	120	320
115	4.1/2"	14	9/16"	25	1"	CCM11580CRTF	CCM11512CRTF	CCM11532CRTF	CCM11580OATF	CCM11512OATF	CCM11532OATF
150	6"	20	3/4"	30	1.3/16"	CCM15080CRTF	CCM15012CRTF	CCM15032CRTF	CCM15080OATF	CCM15012OATF	CCM15032OATF

DNA Wheel Abrasive Nylon 6.12”



ACTION
SURFACE
TOOL
FINISHING
REMOVAL
FLEXIBILITY

DEBURRING, FINISHING
STEEL / STAINLESS / ALUMINUM
GRINDER, BENCH-GRINDER
MEDIUM, FINE
●●●●●
●●●●●

ORDER EXAMPLE:
DNA 1511
1.Model: DNA
2.Article Code: 1511
3. Grit: 120

Technical Information

Filaments impregnated with Silicon Carbide abrasive grains allow the brush to maintain a high cut rate while producing a consistent finish throughout the life of the brush.

Filaments flex to all angles, and permits them to deburr and finish highly contoured parts.

Nylon brushes are ideal when it is important that surface measures are not affected by the brushing process. Suitable for wet and dry applications.

Although coolants and lubrication may allow the use of higher speeds than initially recommended, these R.P.M. must never be exceeded.

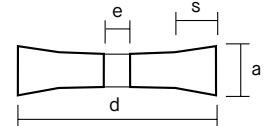
Exclusive design and patented multifitting thread in two different versions; one is valid for M14 and 5/8-11 attachments; the other is valid for M10 x 1,5 and M10 x 1,25 systems. The new design is also extended to single threads. It allows an easier attachment and increases resistance resulting in more safety for the user.

Applications

Deburring of turbine blades and removing carbon encrustation from engines.

Cleaning of dies, steel and cast iron pieces.

Deburring of cylindrical parts, steering gear cases and control pistons in the automotive industry.



Ø Outside(d)		Width (a)		Trim Length (s)		Arbor Hole (e)				Grit			R.P.M. Max.
mm	"	mm	"	mm	"					120 Coarse	180 Medium	320 Fine	
100	4"	8	5/16"	18	11/16"	13, 16, 20, 22, 26, 30mm				1011	1012	1013	12.000
100	4"	16	5/8"	18	11/16"	1/2" - 5/8" - 3/4" - 7/8" - 1.3/16"				1021	1022	1023	12.000
150	6"	13	1/2"	27	1.1/16"					1511	1512	1513	6.500
150	6"	28	1.1/8"	27	1.1/16"	Multi Thread R (1)				1521	1522	1523	6.500
175	7"	16	5/8"	40	1.5/8"	13	1/2"	30	1.3/16"	1711	1712	1713	6.500
175	2"	29	1.1/8"	40	1.5/8"	16	5/8"	32	1.1/4"	1721	1722	1723	6.500
200	8"	16	5/8"	40	1.5/8"	20	3/4"	35	1.3/8"	2011	2012	2013	6.000
200	8"	29	1.1/8"	40	1.5/8"	22	7/8"	36	1.3/8"	2021	2022	2023	6.000
250	10"	16	5/8"	45	1.3/4"	25		40	1.5/8"	2511	2512	2513	5.000
250	10"	29	1.1/8"	45	1.3/4"	26	1"	50		2521	2522	2523	5.000
300	12"	16	5/8"	50	2"			50,8	2"	3011	3012	3013	4.500
300	12"	29	1.1/8"	50	2"					3021	3022	3023	4.500

(1) Arbor Hole: 13-16-20-22-26-30-50mm [1/2"- 5/8"- 3/4"- 7/8"- 1"- 1.3/16"- 2"] Code 99

CON Disc Abrasive Nylon



ACTION
SURFACE
TOOL
FINISHING
REMOVAL
FLEXIBILITY

DEBURRING, FINISHING
STEEL / STAINLESS / ALUMINUM
GRINDER, INDUSTRIAL MACHINE
MEDIUM, FINE

ORDER EXAMPLE:
CON 1211
1. Model: CON
2. Article Code: 1211
3. Grit: 120



Outside Diameter		Trim Length		Arbor Hole	Color Black	Color Red	Color Yellow	Color Blue	R.P.M. Max.
mm	"	mm	"		Grit 80	Grit 120	Grit 180	Grit 320	
100	4"	25	1"	M14-W5/8 y DX	1010	1011	1012	1013	3.000
120	5"	25	1"	M14-W5/8 y DX	1210	1211	1212	1213	3.000
140	6"	25	1"	M14-W5/8 y DX	1410	1411	1412	1413	3.000
250	10"	25	1"	50,8 mm 2"	2510	2511	2512	2513	3.000

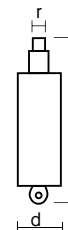
LNA Tubebrush Abrasive Nylon 6.12"



ACTION
SURFACE
TOOL
FINISHING
REMOVAL
FLEXIBILITY

DEBURRING, FINISHING
STEEL / STAINLESS / ALUMINUM
DRILL, BY HAND
MEDIUM, FINE

Outside Diameter (d)		Arbor Hole (e)	Grit		
mm	"		120 Coarse	180 Medium	320 Fine
20	3/4"	W1/4"-NPT 1/8"	2011	2012	2013
25	1"	W1/2"-NPT 1/4"	2511	2512	2513
40	1.5/8"		4011	4012	4013
50	2"		5011	5012	5013



ORDER EXAMPLE:
LNA 2011
1. Model: LNA
2. Article Code: 2011

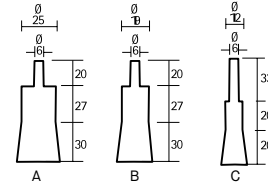
BNA End Brush Abrasive Nylon 6.12"



ACTION
SURFACE
TOOL
FINISHING
REMOVAL
FLEXIBILITY

DEBURRING, FINISHING
STEEL / STAINLESS / ALUMINUM
DRILL
FINISHING
MEDIUM, FINE
● ● ● ● ● ●
● ● ● ● ● ●

ORDER EXAMPLE:
BNA 1902
1. Model: BNA
2. Article Code: 1902



Outside Diameter		Trim Length		Arbor Hole		Grit			R.P.M. Max.
mm	"	mm	"	mm	"	120 Coarse	180 Medium	320 Fine	
12	1/2"	20	3/4"	6	1/4"	1201	1202	1203	20.000
19	3/4"	30	1.3/16"	6	1/4"	1901	1902	1903	20.000
25	1"	30	1.3/16"	6	1/4"	2501	2502	2503	20.000

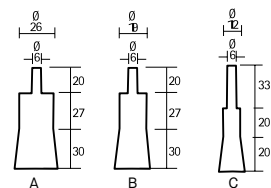
BNAR Ceramic Nylon End Brushes



ACTION
SURFACE
TOOL
FINISHING
REMOVAL
FLEXIBILITY

DEBURRING, FINISHING
STEEL / STAINLESS / ALUMINUM
DRILL, INDUSTRIAL MACHINE
FINISHING
MEDIUM, FINE
● ● ● ● ● ●
● ● ● ● ● ●

ORDER EXAMPLE:
BNAR 1280
1. Model: BNAR
2. Article Code: 1280



Outside Diameter		Trim Length		ABRASIVE NYLON				SUPER CARBIDE			
mm	"	mm	"	Grit 80	Grit 120	Grit 180	Grit 320	Grit 80	Grit 120	Grit 180	Grit 320
12	1/2"	25	1"	BNAR1280	BNAR12120	BNAR12180	BNAR12320	BNARSC1280	BNARSC12120	BNARSC12180	BNARSC12320
19	3/4"	25	1"	BNAR1980	BNAR19120	BNAR19180	BNAR19320	BNARSC1980	BNARSC19120	BNARSC19180	BNARSC19320
26	1"	25	1"	BNAR2680	BNAR26120	BNAR26180	BNAR26320	BNARSC2680	BNARSC26120	BNARSC26180	BNARSC26320

Outside Diameter		Trim Length		DIAMOND			CERAMIC			
mm	"	mm	"	Grit 700	Grit 1000	Grit 2000	Grit 80	Grit 120	Grit 180	Grit 320
12	1/2"	25	1"	BNARD12700	BNARD121000	BNARD122000	BNARC1280	BNARC12120	BNARC12180	BNARC12320
19	3/4"	25	1"	BNARD19700	BNARD191000	BNARD192000	BNARC1980	BNARC19120	BNARC19180	BNARC19320
26	1"	25	1"	BNARD26700	BNARD261000	BNARD262000	BNARC2680	BNARC26120	BNARC26180	BNARC26320

CNA DIY Line Abrasive Nylon 6



ACTION
SURFACE
TOOL
FINISHING
REMOVAL
FLEXIBILITY

DEBURRING, FINISHING
STEEL / STAINLESS / ALUMINUM
DRILL
MEDIUM, FINE

● ● ● ● ● ●
● ● ● ● ● ●

ORDER EXAMPLE:
CNA 1000
1. Model: CNA
2. Article Code: 1000

Technical Information

Brushes made of nylon filaments impregnated with Aluminium Oxide abrasive particles. High flexibility without danger of breaking, providing long working life and increased safety. Suitable for dry applications only. To be used in power drills. Red colour nylon brushes (grit 80) produce a coarse finishing; the blue colour ones (grit 150) provide a fine polishing.

Applications

- Nylon brushes do not scratch and therefore they are appropriate for cleaning and polishing of:
- Any kind of wood (fine or rustic).
 - Metallic surfaces such as automobile bodies.
 - Tile, stone and concrete.
 - Plastic materials.
 - Stainless Steel and Aluminium.

Operating Recommended Speed

Optimum performance is obtained at the recommended working speed 2.500 R.P.M.



Type	Ext. Diameter		Filament		Packing		R.P.M. Max.	Pieces per Box
	mm	"	Colour	Grit	Bulk	Display		
Wheel	75	3"	Red	80	7500	9475	4.500	12
Wheel	75	3"	Blue	150	7501	9575	4.500	12
Wheel	100	4"	Red	80	1000	9410	4.500	12
Wheel	100	4"	Blue	150	1001	9510	4.500	12
Cup	50	2"	Red	80	5000	9450	4.500	12
Cup	50	2"	Blue	150	5001	9550	4.500	12
Cup	75	3"	Red	80	7000	9470	4.500	12
Cup	75	3"	Blue	150	7001	9570	4.500	12
End Brush	25	1"	Red	80	2200	9422	4.500	12
End Brush	25	1"	Blue	150	2201	9522	4.500	12
Flap	100	4"	Red	80	1600	9416	4.500	12
Flap	100	4"	Blue	150	1601	9516	4.500	12

AL Flap Wheels with 6mm (1/4") Shank



ACTION
SURFACE
TOOL
FINISHING
REMOVAL
FLEXIBILITY

GRINDING
STEEL / STAINLESS / ALUMINUM
DRILL
COARSE, MEDIUM
● ● ● ● ● ●
● ● ● ● ● ●

ORDER EXAMPLE:
AL 603060
1.Model: AL
2.Article Code: 603060

Technical Information

Aluminium Oxide flaps, with highest quality resistant industrial clothing. Used in finishing operations that demand limited removal capacity. They adapt to all contours and shapes.

Uniform and constant finish throughout the life of the wheel.

Applications

Polishing and finishing on irregular surfaces and contours.

Cleaning and removal of rust, paint, weld and scratches.

Applications on steel, stainless and nonferrous materials (aluminium, wood, plastic).

Users: foundries, forging, stamping, moulding, welding, wood...

Diameter		Width		Code			R.P.M. Max.	Pieces per Box
mm	"	mm	"	Grit 60	Grit 80	Grit 120		
30	1.1/8"	10	3/8"	AL 301060	AL 301080	AL 301012	25.000	10
40	1.5/8"	15	5/8"	AL 401560	AL 401580	AL 401512	19.000	10
60	2.3/8"	20	3/4"	AL 602060	AL 602080	AL 602012	12.600	10
60	2.3/8"	30	1.3/16"	AL 603060	AL 603080	AL 603012	12.600	10
80	3.1/8"	30	1.3/16"	AL 803060	AL 803080	AL 803012	9.500	10





03.
Brushes for
Polishing

Rollers for Burnishing Machines



Technical information

The abrasive rollers for the burnishing machine allow deburring, glazing or polishing different materials and surfaces.

We can eliminate or reduce oxidation and scratches, making the surface cleaner and refinished.

The quality of the burnishing (or brushing) depends on the grain of the abrasive rollers.

It is generally used to treat wood, metal and plastic.

Burnishing on stainless steel surfaces is commonly used in designer furniture, lighting, gates, handrails, etc. to achieve a semi-gloss finishing.

ACTION
SURFACE

DEBURRING, BURNISHING, POLISHING
STEEL / STAINLESS / ALUMINUM
NON-SPARKING / WOOD / OTHERS

TOOL
FINISHING

BURNISHING
MEDIUM, FINE

REMOVAL
FLEXIBILITY



ORDER EXAMPLE:
RODMX180
1.Model: ROD
2.Article Code: MX180

Code	Description	Dimensions	Grit
RODMAA021	Abrasive Mesh Rollers	100x100x19 CH	A021 Coarse
RODMA041			A041 Medium
RODMAA061			A061 Fine
RODMAA071			A071 Very fine
RODMX40			40 grit
RODMX60	60 grit		
RODMX80	80 grit		
RODMX120	120 grit		
RODMX150	150 grit		
RODMX180	180 grit		
RODMX220	220 grit		
RODMX320	320 grit		
RODLJ40	Sanding ROLLS		P40
RODLJ60			P60
RODLJ80			P80
RODLJ120			P120
RODLJ150			P150
RODLJ180			P180
RODLJ220			P220
RODLJ320			P320
RODSD8C		Sisal-Rope Brushes	D8C-Polish
RODADQ		Cotton Brushes	DQ-Polishing
RODFCH	Felt Sheet Brush	CH-Polishing	

Sanding Discs with Velcro Velour Strap



Technical information

Ideal for fine sanding of panels before deburring or varnish application.

Suitable for manual and machine applications.

The flexible design ensures moldability and achieves a quality matte finishing.

Diam: 40 mm to 1200 mm

ACTION SURFACE

DEBURRING, BURNISHING, POLISHING
STEEL / STAINLESS / ALUMINUM
NON-SPARKING / WOOD / OTHERS

ORDER EXAMPLE:

DLC60
1.Model: DLC
2.Article Code: 60

TOOL FINISHING

ORBITAL SANDER

REMOVAL FLEXIBILITY

MEDIUM, FINE
● ● ● ● ● ●
● ● ● ● ● ●

Code	Description	Dimensions	Grit	
DLC40	Ceramic sandpaper disc. 777F	115	40	
DLC60			60	
DLC80			80	
DLC100			100	
DLC120			120	
DTRZ6	Trizact discs. 237AA		A6	
DTRZ16			A16	
DTRZ30			A30	
DTRZ45			A45	
DTRZ65			A65	
DTRZ80			A80	
DTRZ100			A100	
DTRZ160			A160	
PLT115M14			Plates Record holder with velcro M-14	

Non-woven abrasive discs



ACTION SURFACE

DEBURRING, BURNISHING, POLISHING
STEEL / STAINLESS / ALUMINUM
NON-SPARKING / WOOD / OTHERS

TOOL FINISHING

BENCH-GRINDER

REMOVAL FLEXIBILITY

MEDIUM, FINE
● ● ● ● ● ●
● ● ● ● ● ●

ORDER EXAMPLE:

VTCP1151019
1.Model: VTCP
2.Article Code: 1151019

Technical information

Non-woven abrasives disc ideal for polishing all types of surfaces. Available in cotton of different sizes.

Use with abrasive pastes.

Code	Description	Dimensions
VTCP1001019	COTTON NON-WOVEN DISC. PLASTIC CORE 100X10X19	100X10X19
VTCP1151019	COTTON NON-WOVEN DISC. PLASTIC CORE 115X10X19	115X10X19
VTCP1501019	COTTON NON-WOVEN DISC. METAL RING 150X10X19	150X10X19
VTCP2001019	COTTON NON-WOVEN DISC. METAL RING 200X10X19	200X10X19

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JAZ
SURFACE EXPERTS

HOW TO CHOOSE YOUR RIGHT PRODUCTS

Use this table to guide you in choosing the solution for your task

APPLICATION



Cleaning



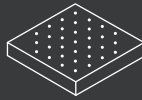
Surface preparation



Deburring



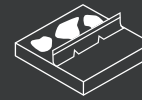
Grinding



Finishing



Polishing



Sweeping

SURFACE



Steel



Stainless /aluminium



Non-sparking



Wood



others

TOOL



Drill



Grinder



Mini-Grinder



Die-Grinder



Bench-Grinder



Industrial machine



By hand



Wood portable machine



Burnishing



Orbital sander

CHARACTERISTICS

Finishing	Grade					Removal	Flexibility
	WIRE	ABRASIVE NYLON	SANDPAPER	POLISH	SWEEP		
COARSE	W1	NA1	SP1	P1	SW1	● ● ● ● ●	● ● ● ● ●
MEDIUM	W2	NA2	SP2	P2	SW2	1 2 3 4 5	1 2 3 4 5
FINE	W3	NA3	SP3	P3	SW3	— / —	— / —
SUPERFINE	W4	NA4	SP4	P4	SW4		
NEUTRAL	W5	NA5	SP5	P5	SW5		

FILAMENT TYPES

Crimped wire

- Higher flexibility
- Irregular surfaces
- Fine finishing



Knotted wire

- Longer Life
- Higher removal capacity
- Rough finishing



Abrasive Nylon

- High flexibility without danger of breaking
- Long working life
- Safety

