



GLOBE
MADE IN ITALY



1961



NEW PRODUCTS
FEEL THE DIFFERENCE



**INNOVATION
AND QUALITY
FOR YOUR
WORK...**



Italian Global Quality

VISIT OUR
NEW WEB SITE
AND ITS
SAFETY AREA



Watercolor portrait representing the first Globe headquarter.



www.globeabrasives.com

Founded in 1961 Globe is a family owned company located in Parma, northern Italy.

Our team goal is to supply the...GLOBAL QUALITY:

- High performance products
- Offer cost-saving solutions
- Maximum products safety and reliability
- Continuous innovation
- Comfort and use ease
- Efficient and friendly sales service
- Technical after-sales service
- Environmental respect

How do we get it?

- First quality raw materials
- Continuous testing of raw materials and final products
- Self construction of all production machineries and plants
- High level know how and 50 years experience
- Continuous research and development of new and improved products
- Worldwide patents portfolio
- 4 generations of engineers and chemists involved in a continuous process of research and development
- Innovative production technologies and machineries
- Efficient warehouse deliveries and large stock available

CLASSIFICATION PRODUCTS

6 - PLUS RANGE

The top range of GLOBE

7 - EVOLUTION RANGE

The new GLOBE alternative cutting range

8 - DYNAMIC RANGE

The advantageous cutting and grinding range

CUTTING

9 - TITANIUM RANGE

Special discs for special materials

10 - SAFECUT III

More cutting depth, more precision, longer life

11 - ONE AND X-CELLENCE ONE

When you need top performance and precision

12 - RAIL CUT II

Maximum speed, cold cut extreme precision, long life

13 - ALL CUT, RAIL CUT, CHOP CUT, LAB CUT

Excellent performances for big works

CUTTING AND GRINDING

14 - COMBI EXTRA AND COMBI SPEED

Cutting and grinding...all in one

15 - ALUMINIUM RANGE

A complete range for working aluminium and non ferrous materials

16 - PIPELINER

Your best partner for Oil&Gas industry

GRINDING

17 - GRIND POWER II

The extreme grinding

18 - NEW TURBOTWISTER

A unique disc for comfortable flat grinding and finishing

19 - CONE

Great comfort in flat grinding

FINISHING

20 - FLAP DISCS

A complete range for every need

22 - FINISHING PRO

The finishing revolution

23 - SHINING

The unitized disc for Globe branded finishing

24 - SCRUBBER

Cleaning and finishing at unequalled speed

25 - SANDING DISCS

A competitive range of proven quality

26 - ROLLERS, PADS, ROLLS, BRUSHES

Nonwoven products and metal brushes

PACKAGING

27 - PACKAGING AND DISPLAY

Discover our exclusive packagings and displays



INNOVATION, EXPERIENCE AND QUALITY OF AN ORIGINAL DESIGN MANUFACTURER (ODM) FOR EVERY KIND OF WORK AND APPLICATION

GLOBE...SAFETY AND QUALITY FIRST




From the beginning of its history, GLOBE has been very sensible to safety aspects of producing, installing and using products. As first we have started supplying every box of products with a very complete and detailed safety instruction sheet in order to help our customers to work in a safe way. A wide area of our website is dedicated exclusively to safety issues, supplying further information, product safety sheets, links to safety related arguments, recalled batches list and contact details for asking any kind of information. We will be pleased to help our customers solving their problems or giving them a good suggestion. All our products are continuously tested and comply to the safety standards. Our laboratory makes daily side load tests and burst tests with modern and accurate equipment; the products are all visually checked one by one before the packaging; all this to assure our customers and users not only a high performance, but also a safe and reliable product to work with.

Globe produces high quality cutting and grinding discs for professional use and special workings...even on customer request. The production is suitable for any kind of need and application; over the years we have developed a great variety of products, from 50 mm discs up to 800 mm discs used for cutting large railways beams in the 57Km St. Gotthard tunnel (Switzerland).

Moreover Globe abrasives range include all kinds of cutting, grinding and finishing products for every kind of material, surface and machine.

















3 DIFFERENT RANGES FOR 3 DIFFERENT NEEDS





 **PLUS:** the best of performance for cutting and grinding entirely Made in Italy by Globe
 **EVOLUTION:** the new and alternative Globe quality range for cutting
 **DYNAMIC:** the advantageous range of cutting and grinding discs made by Globe

PLUS RANGE (THIN CUT)



















IRON AND STEEL

SIZE (diam. - thick. -bore) mm	ART. CODE	TYPE (FLAT and DC)	DESCRIPTION
115 x 1,0 x 22,23	G1614	41 	A60S ZIP
115 x 1,3 x 22,23	G1615	41 	A60S ZAC
115 x 1,6 x 22,23	G1616	41 	A60S ZAC
125 x 1,0 x 22,23	G1711	41 	A60S ZIP
125 x 1,3 x 22,23	G1712	41 	A60S ZAC
125 x 1,6 x 22,23	G1713	41 	A60S ZAC
150 x 1,6 x 22,23	G1714	41 	A60S ZAC
180 x 2,0 x 22,23	G1715	41 	A60S ZAC
230 x 2,0 x 22,23	G1716	41 	A60S ZAC
115 x 1,3 x 22,23	G1532	42 	A60S SAFECUT III
125 x 1,3 x 22,23	G1533	42 	A60S SAFECUT III
150 x 1,6 x 22,23	G1534	42 	A60S SAFECUT II
180 x 2,0 x 22,23	G1535	42 	A60S SAFECUT II
230 x 2,0 x 22,23	G1536	42 	A60S SAFECUT II


ALUMINIUM

SIZE (diam. - thick. -bore) mm	ART. CODE	TYPE (FLAT and DC)	DESCRIPTION
115 x 1,3 x 22,23	G1645	41 	A60ALU ZAC
125 x 1,3 x 22,23	G1742	41 	A60ALU ZAC
150 x 1,6 x 22,23	G1745	41 	A60ALU ZAC
230 x 2,0 x 22,23	G1566	42 	A60ALU SAFECUT II



STEEL, STAINLESS STEEL (Fe, S, Cl free)

SIZE (diam. - thick. -bore) mm	ART. CODE	TYPE (FLAT and DC)	DESCRIPTION
115 x 1,0 x 22,23	G1624	41 	A60SX ZIP
115 x 1,3 x 22,23	G1625	41 	A60SX ZAC
115 x 1,6 x 22,23	G1626	41 	A60SX ZAC
125 x 1,0 x 22,23	G1721	41 	A60SX ZIP
125 x 1,3 x 22,23	G1722	41 	A60SX ZAC
125 x 1,6 x 22,23	G1723	41 	A60SX ZAC
150 x 1,6 x 22,23	G1724	41 	A60SX ZAC
180 x 2,0 x 22,23	G1725	41 	A60SX ZAC
230 x 2,0 x 22,23	G1726	41 	A60SX ZAC
115 x 1,0 x 22,23	G1624 HP ONE	41 	ZA60SX HP ONE
125 x 1,0 x 22,23	G1721 HP ONE	41 	ZA60SX HP ONE
115 x 1,3 x 22,23	G1542	42 	A60SX SAFECUT III
125 x 1,3 x 22,23	G1543	42 	A60SX SAFECUT III
150 x 1,6 x 22,23	G1544	42 	A60SX SAFECUT II
180 x 2,0 x 22,23	G1545	42 	A60SX SAFECUT II
230 x 2,0 x 22,23	G1546	42 	A60SX SAFECUT II
115 x 1,0 x 22,23	G1583	42 	ZA60SX X-ONE
125 x 1,0 x 22,23	G1584	42 	ZA60SX X-ONE










TITANIUM

SIZE (diam. - thick. -bore) mm	ART. CODE	TYPE (FLAT)	DESCRIPTION
125 x 1,3 x 22,23	G1752	41 	C60S ZAC

STONES, CONCRETE, AND CONSTRUCTIONS









SIZE (diam. - thick. -bore) mm	ART. CODE	TYPE (FLAT)	DESCRIPTION
115 x 1,0 x 22,23	G1634	41 	C60S ZIP HP
125 x 1,0 x 22,23	G1731	41 	C60S ZIP HP

STEEL, STAINLESS STEEL (Fe, S, Cl free)

SIZE (diam. - thick. -bore) mm	ART. CODE	TYPE (FLAT)	DESCRIPTION
115 x 1,0 x 22,23	G1624 EVO	41 	A60SX ZIP
115 x 1,3 x 22,23	G1625 EVO	41 	A60SX ZAC
115 x 1,6 x 22,23	G1626 EVO	41 	A60SX ZAC
125 x 1,0 x 22,23	G1721 EVO	41 	A60SX ZIP
125 x 1,3 x 22,23	G1722 EVO	41 	A60SX ZAC
125 x 1,6 x 22,23	G1723 EVO	41 	A60SX ZAC
150 x 1,6 x 22,23	G1724 EVO	41 	A60SX ZAC
180 x 2,0 x 22,23	G1725 EVO	41 	A60SX ZAC
230 x 2,0 x 22,23	G1726 EVO	41 	A60SX ZAC

DYNAMIC RANGE (THIN CUT)

STEEL, STAINLESS STEEL

SIZE (diam. - thick. -bore) mm	ART. CODE	TYPE (FLAT and DC)	DESCRIPTION
115 x 1,0 x 22,23	G1614 DYN	41 	A60S
115 x 1,3 x 22,23	G1615 DYN	41 	A60S
115 x 1,6 x 22,23	G1616 DYN	41 	A60S
125 x 1,0 x 22,23	G1711 DYN	41 	A60S
125 x 1,3 x 22,23	G1712 DYN	41 	A60S
125 x 1,6 x 22,23	G1713 DYN	41 	A60S
180 x 2,0 x 22,23	G1715 DYN	41 	A60S
230 x 2,0 x 22,23	G1716 DYN	41 	A60S



PLUS RANGE...
DYNAMIC RANGE...

PLUS and DYNAMIC are
also available for **GRINDING**

For more info: export@globeabrasives.com



PLUS RANGE...CUT



PLUS RANGE... CONTINUING DEVELOPMENT

PLUS is the most complete and performing range of cutting and grinding discs produced by GLOBE, conceived to satisfy the expectations of professionals. The result of the know-how acquired during 60 years of research and development, Plus range, confirms the positioning of Globe among the state of the art manufacturing companies in the market.

WHY CHOOSING PLUS RANGE

Choosing Plus range means require the best under every point of view and a guarantee cost saving. Available for: iron and steel, stainless steel, stone aluminium and titanium.

ALL THE ADVANTAGES OF THE PLUS RANGE

- Extreme durability
- Extreme cutting and grinding speed
- Extreme precision
- Perfect balance and no fluttering
- Wheel's overheating reduction
- High rigidity
- Easy cuts and grindings



**THE THINNEST
THICKNESS...
THE HIGHEST
PERFORMANCE**



**ZIP
plus**
◆◆◆◆



**ZAC
plus**
◆◆◆◆

TITANIUM
◆◆◆◆



◆◆◆◆

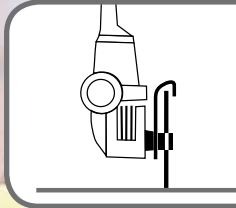


SAFECUT III
◆◆◆◆

**Xcellence
ONE** ◆◆◆◆

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RESEARCH AND DEVELOPMENT TO INCREASE YOUR PERFORMANCES



EVOLUTION RANGE... CUT



EVOLUTION

STEEL, STAINLESS STEEL (Fe, S, Cl free)

SIZE (diam. - thick. - bore) mm	ART. CODE	TYPE (FLAT)	DESCRIPTION
115 x 1,0 x 22,23	G1624 EVO	41	A60SX ZIP
115 x 1,3 x 22,23	G1625 EVO	41	A60SX ZAC
115 x 1,6 x 22,23	G1626 EVO	41	A60SX ZAC
125 x 1,0 x 22,23	G1721 EVO	41	A60SX ZIP
125 x 1,3 x 22,23	G1722 EVO	41	A60SX ZAC
125 x 1,6 x 22,23	G1723 EVO	41	A60SX ZAC
150 x 1,6 x 22,23	G1724 EVO	41	A60SX ZAC
180 x 2,0 x 22,23	G1725 EVO	41	A60SX ZAC
230 x 2,0 x 22,23	G1726 EVO	41	A60SX ZAC

A list of flat wheels for thin cut.

EVOLUTION RANGE... CERTIFIED STRENGTH AND QUALITY

EVOLUTION is one of the new Globe ranges. This product is specific for stainless steel and was conceived from the users' needs to have a product of excellent quality at a good price. All the cutting discs in the EVOLUTION range are Fe, Cl, S free and safety standards. The excellent quality/price ratio makes of EVOLUTION the ideal solution for resellers and end users.

WHY CHOOSING THE "EVOLUTION RANGE"

Choosing EVOLUTION range means to obtain a perfect work on STAINLESS steel without contamination of the piece and without giving up the GLOBE quality.

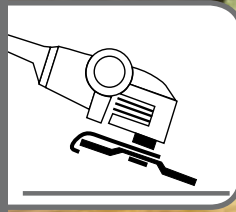
ALL THE ADVANTAGES OF THE "EVOLUTION RANGE"

- Lower cost for stainless applications
- High durability
- High cutting speed
- High precision
- Perfect balance and no fluttering
- High rigidity
- Fe, S, Cl free
- Easy cuts

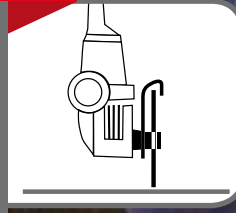


EVOLUTION guarantees more cuts.

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**A COMPLETE RANGE
OF CUTTING AND
GRINDING WHEELS**



DYNAMIC RANGE... CUT AND GRIND



THE BEST VALUE FOR MONEY

Dynamic range is the Globe answer to the big distribution market: a quality product at a reasonable price.

It includes a wide range of discs in order to satisfy a wide range of applications: thin cutting discs, 3 mm discs, grinding discs and large diameter cutting discs.



WHY CHOOSING DYNAMIC RANGE

Like all Globe discs, also Dynamic discs are subject to very strict quality and resistance controls, complying with the most severe safety norms.

The competence and care with which our technicians develop all Globe products since 1961 are an assurance for our customers and an excellent "entry level range" for future partners.

ALL THE ADVANTAGES OF DYNAMIC RANGE

- *Good durability*
- *Good cutting speed/removal rates*
- *Good precision*
- *No cutting burrs*
- *Low vibration*
- *Cheap and safe*

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**Sport
equipment**

Aerospace

**Outdoor
equipment**

**Piping and
casting**

TITANIUM (PLUS )

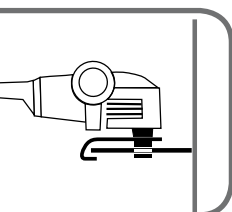
**Medical and
prostheses**

**Racing
equipment**

**Competition
equipment**

Defense

Aeronautics



TITANIUM



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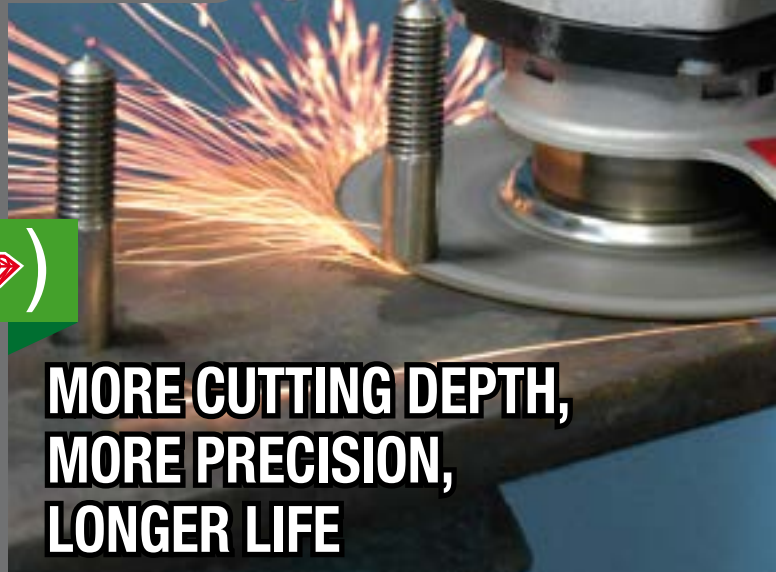
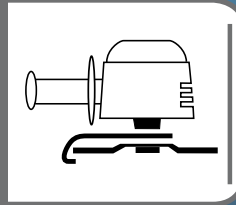
WHY CHOOSING TITANIUM RANGE

Ultra thin cutting discs, exclusively conceived and developed for Titanium workpieces, which need more stringent cut off, grooving and high precision cutting.

*Diameters available:
from 115 mm to 350 mm*





ALL THE ADVANTAGES OF TITANIUM RANGE

- *Extreme cutting speed and lifetime*
- *Extreme precision and easy cuts*
- *Perfect balance and no fluttering*
- *Wheel's overheating reduction*
- *High rigidity*



SAFECUT III (PLUS)

 **STEEL, STAINLESS STEEL (Fe, S, Cl free)**

SIZE (diam. - thick. - bore) mm	ART. CODE	TYPE (DC)	DESCRIPTION
115 x 1,3 x 22,23	G1532	42 	A60S
125 x 1,3 x 22,23	G1533	42 	A60S
115 x 1,3 x 22,23	G1542	42 	A60SX
125 x 1,3 x 22,23	G1543	42 	A60SX

**MORE CUTTING DEPTH,
MORE PRECISION,
LONGER LIFE**

WHY CHOOSING SAFECUT III

SAFECUT III combines in a single disc the cutting depth typical of a flat disc with the extreme precision of the depressed center (DC) disc. The DC shape gives rigidity to the disk preventing it from bending or vibrating during cutting operations. The innovation of SAFECUT III stands in its narrow dome DC (50 mm diameter instead of 70 mm typical of a conventional DC). This means: increased cutting depth and longer life. The safety guaranteed by GLOBE high standards is further increased by the metal dome that prevents the damage of the DC and the consequent breakage of the grinding wheel that can occur when the surface of the dome rubs against the material you are cutting. For this reason SAFECUT III ensures excellent performances and exceptional duration. SAFECUT III range for stainless steel is Fe, Cl, S free.



ALL THE ADVANTAGES OF SAFECUT III

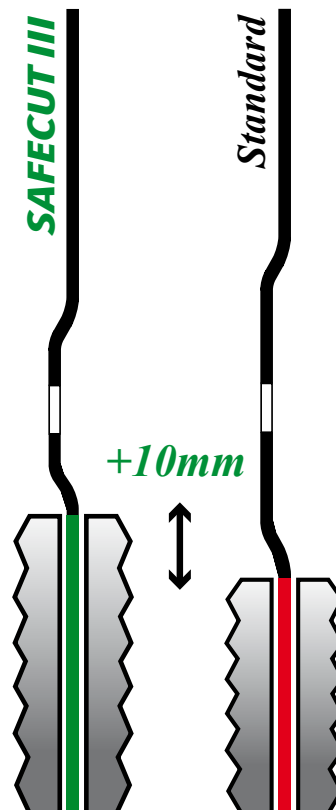
- Straight and net cut
- Does not bend or vibrate
- Extreme precision
- Very high cutting speed
- Long life
- Safety in deep cuts
- Cutting depth
- Ease of handling and versatility

WHY THE METAL DOME



A - The metal dome protects the DC against wear and breakages, ensuring total safety.
B - The traditional DC without the metal dome is subject to rubbings that can cause the breakage of the disc with potential danger for users.

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Exclusive plastic packaging of 25 discs.

Deeper penetration and greater cutting diameter of SAFECUT III with "narrow dome" than traditional DC wheels.

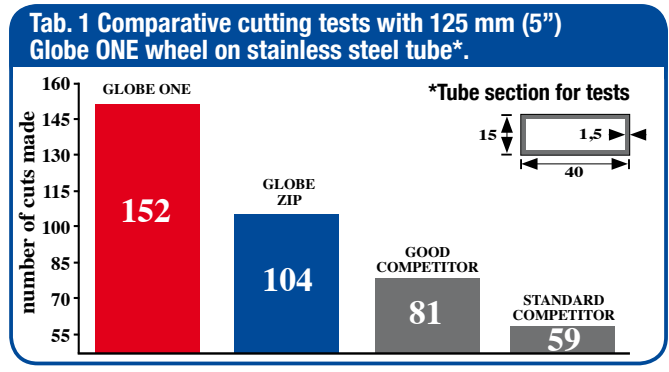


**WHEN YOU
TALK ABOUT
PRECISION AND
PERFORMANCE...**

ONE (PLUS   )

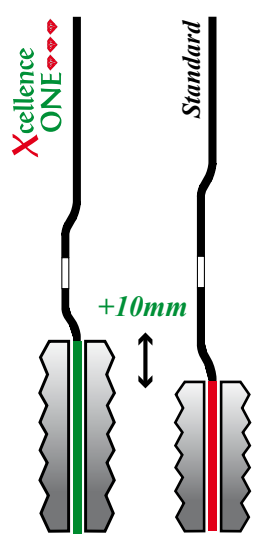


X-CELLENCE ONE (PLUS   )



WHY CHOOSING ONE

ONE, flat version, performing and thin like a razor blade. This disc allows a cutting precision never seen before, with a real thickness of 1,0 mm. The rigidity of the disc and its long durability are unique in this field and allow to obtain an incredible working performance (Tab.1).



The innovative raised hub reduces vibrations thus giving more strength to the depressed center. It also avoid possible accidental damages of the metal bushing.

Pic. 1- Difference in penetration between X-CELLENCE ONE with "narrow raised hub" and standard depressed center wheel.

WHY CHOOSING X-CELLENCE ONE

X-CELLENCE ONE is absolutely new in the market of resin-bonded abrasives. The special shape of this wheel, called "narrow dome" allows a penetration in cutting never reached before with traditional depressed center wheels (Pic. 1). It is perfect to perform easy and straight cuts thanks to its 1,0 mm real thickness, high rigidity and easy handling. Like all GLOBE products, X-Cellence ONE is comply to safety standard rules and are tested daily in order to guarantee a safe and excellent product. Free from Fe, Cl, S, is perfect for cutting stainless steel.

ALL THE ADVANTAGES OF ONE AND X-CELLENCE ONE




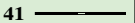
- Flush Cuts in a comfortable way
- Precise and easy cutting
- High rigidity in low thickness
- Extreme durability
- High cutting capacity and speed
- Work safety

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RAILCUT II (PLUS)

IRON AND STEEL

SIZE (diam. - thick. - bore) mm	ART. CODE	TYPE (FLAT)	DESCRIPTION
350 x 4,0 x 22,23	G2114 22	41 	A24
350 x 4,0 x 25,40	G2114 25	41 	A24
400 x 4,5 x 22,23	G2115 22	41 	A24
400 x 4,5 x 25,40	G2115 25	41 	A24







**MAXIMUM SPEED, GOLD CUT
EXTREME PRECISION, LONG LIFE**

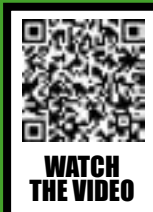
WHY CHOOSING RAILCUT II

RAILCUT II is the GLOBE line specially designed for professional cutting of railway tracks. Highly balanced, with unequalled cutting penetration and cooling capability, RAILCUT II cutters provide an extremely fast, straight, precise and “cold” cut. Thanks to these features, RAILCUT II cutters have passed the most rigorous and strict tests of the most important railway companies in the world and are used in many countries.

RAILCUT II is the new arrival in GLOBE wide product range. Resulting from a long research study, the use of the most advanced and performing raw materials as well as of hundreds of tests conducted on different types of rail, RAILCUT II is “the state of the art” in this sector. The cut provided by RAILCUT II is 30 % faster preventing the metal piece from overheating. The cut is perfectly straight and precise and the duration is approximately double compared to the best discs present in the market. Like all GLOBE products, our wheels comply with the highest safety standards (EN12413) and are tested batch by batch according to OSA regulations to guarantee a safe, reliable and excellent product.

ALL THE ADVANTAGES OF RAILCUT II

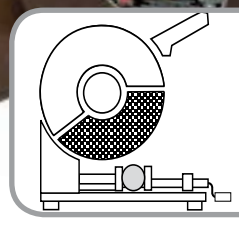
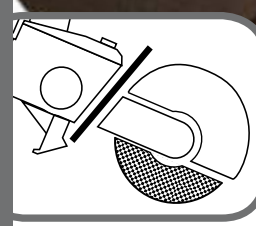
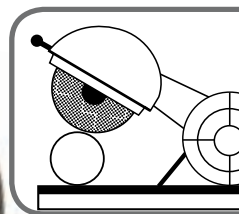
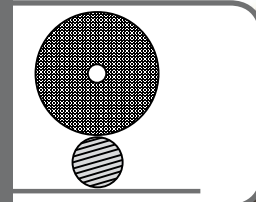
-  *Extra long life*
-  *Straight, net, cold cut*
-  *Extreme cutting speed*
-  *Maximum safety*
-  *Does not blend or vibrate*
-  *Unequalled cutting penetration*



ALLCUT 300mm



**STRENGTH
AND QUALITY
AT YOUR SIDE**



GLOBE POWER CUTTERS

POWERCUTTER 800 mm



WHY CHOOSING ALLCUT, RAILCUT II, CHOPCUT, LABCUT AND GLOBE GRINDING WHEELS

Globe large diameter cutting discs are a complete range for professional cutting with: light stationary machines, machine for laboratory, metallographical cutting, portable gas saw machines, swing-frame or stationary machines, etc.

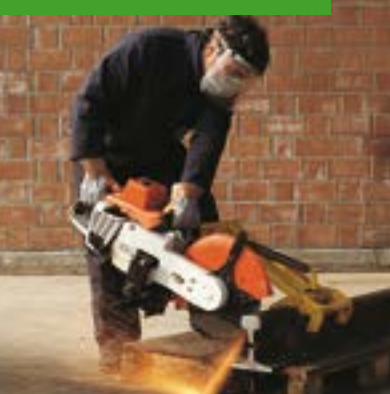
CHOPCUT 400 mm



LABCUT 350 mm



RAILCUT II 350 mm



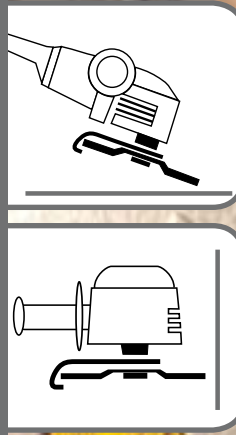
POWERCUTTER 700 mm



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ALL THE ADVANTAGES OF: ALLCUT, RAILCUT II, CHOPCUT, LABCUT

- Long durability
- High cutting rate and capability
- Maximum cooling capacity due to bi-conical shape (LabCut)
- Maximum speed in carrying out works (Railcut I and Railcut II)
- Maximum versatility of use (Allcut)
- Maximum precision (Chopcut)



COMBI (PLUS)

COMBI
extra

COMBI
speed

**CUTTING AND GRINDING
STEEL AND STAINLESS STEEL
...ALL IN ONE**

WHY CHOOSING COMBI SPEED

The Combi Speed was especially conceived by Globe for cutting and light grinding (or grinding of weld bead) with one single product. Thanks to the 2,0 mm thickness and the 2 layer structure with 3 reinforcement cloths, Combi Speed combines excellent cutting capacity and a high safety level for grinding operations in one wheel. Safety and resistance are certified and constantly undergo side-load tests and burst tests. Available with Ø115-125-150 and Fe, S and Cl free.



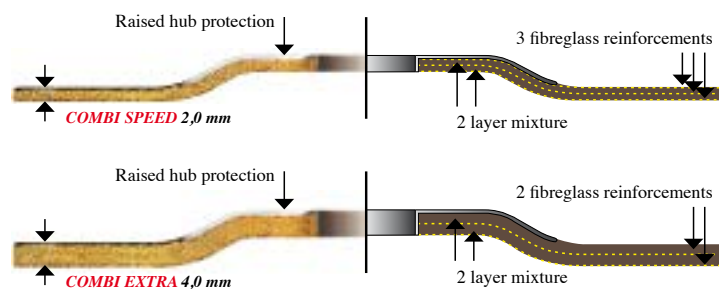
WHY CHOOSING COMBI EXTRA

Combi Extra maintains the same characteristics of Combi Speed but with doubled thickness (4,0 mm instead 2,0 mm). Combi Extra is better than Combi Speed when the grinding job is more and for works of caulking and is ductile in all workings. Available with Ø115-125-150-180-230 and Fe, S and Cl free.

ALL THE ADVANTAGES OF COMBI EXTRA AND COMBI SPEED

- Cutting and grinding with one single product
- High cutting speed (Combi Speed)
- Maximum work performance
- Very high safety level in cutting and grinding operations: safety and resistance of our products are constantly checked for each production with the severe tests of the EN12413 norm
- Long lifetime

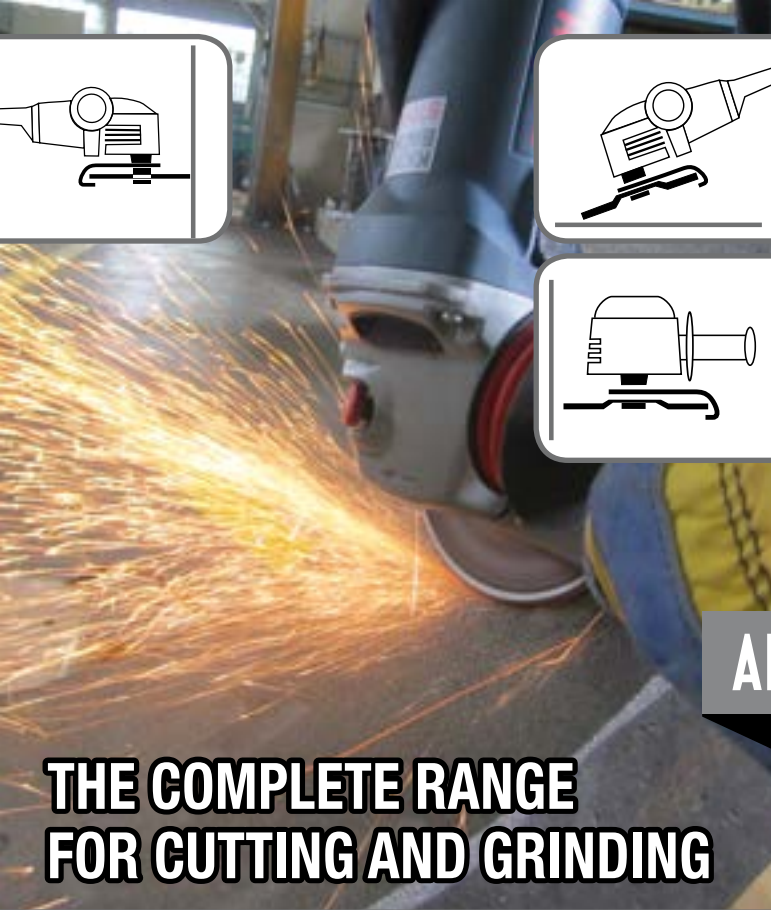
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1- The section and the internal structure of Combi Speed and Combi Extra.



2- The different thickness between Combi Extra (on the left) and Combi Speed (on the right).



THE COMPLETE RANGE FOR CUTTING AND GRINDING



ALUMINIUM AND NON FERROUS METAL

ALUMINIUM...



ANOTHER GREAT AND COMPLETE GLOBE FAMILY

Cutting and grinding all what you want. Globe manufactures a complete range of discs for aluminium and non ferrous metal.

WHY CHOOSING ALUMINIUM AND NON FERROUS METAL RANGE

Globe offers a wide range of grinding and cutting wheels for aluminium and non ferrous metals (copper, bronze, brass...) to give the operator the possibility of choosing the most suitable type for the work to be carried out. The lubricated mixture used in grinding products allows to obtain high removals without "clogging". Thanks to this special mixture you can achieve quick and precise works.

GRINDING DISCS

*Standard grinding discs
Turbotwister*

CUTTING DISCS

*Standard cutting discs
Safecut
Zip*

ALL THE ADVANTAGES OF ALUMINIUM AND NON FERROUS METAL RANGE

- *High performance*
- *Perfectly lubricated cutting and grinding*
- *Works aluminium without clogging*
- *Special products for excellent results*
- *Exceptional durability*



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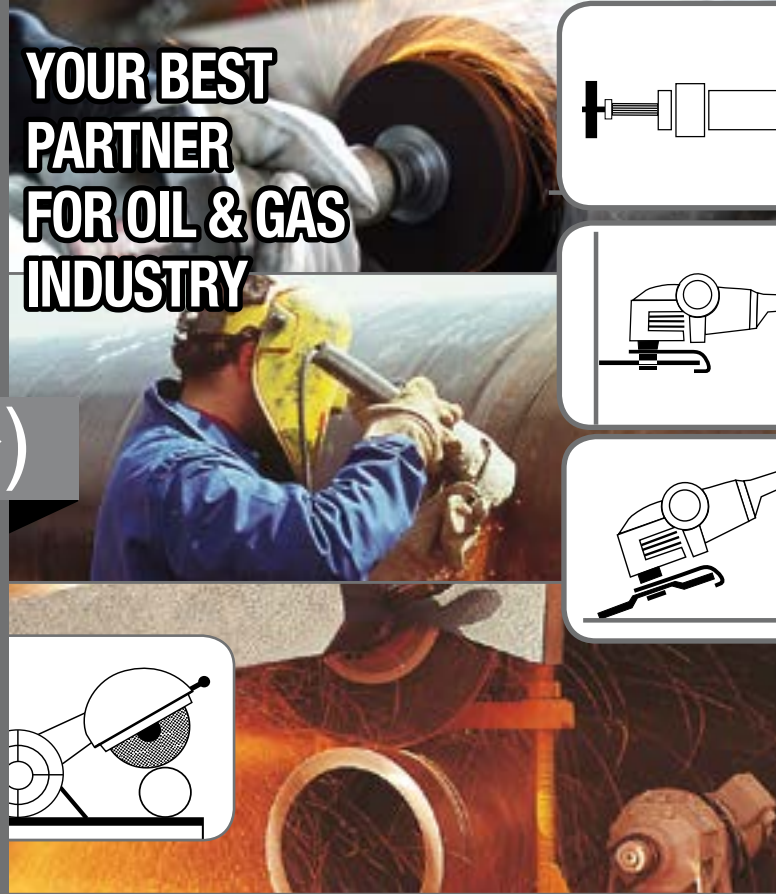
FOR:
 - Iron and steel
 - Stainless steel
 (Fe, S, Cl free)

PIPELINER (PLUS)



FOR:
 - Iron and steel
 - Stainless steel
 (Fe, S, Cl free)

**YOUR BEST
 PARTNER
 FOR OIL & GAS
 INDUSTRY**



PIPELINER RANGE:

For more than 40 years GLOBE is present in OIL & GAS industry with specific abrasive products for general and specialized applications. GLOBE offers a complete range of products for every kind of OIL & GAS application such as pipelines constructions, onshore and offshore installations, pipes and vessels manufacturing, maintenance and overhauling.

GLOBE PIPELINER RANGE INCLUDES:

PIPELINER

TYPE 1 (flat wheels for axial grinder)

POWER CUTTERS (see pag. 13)

GRIND POWER II (see pag. 17)

NEW TURBOTWISTER (see pag. 18)



WHY CHOOSING PIPELINER

GLOBE traditional line developed for the pipes fitting, notching and welding preparation. These wheels are specially formulated and reinforced for grinding joint welds between passes in pipeline construction and pipes fabrication. They do not contain iron, sulfur or chlorine (Fe, S, Cl) and will not contaminate stainless steel.

APPLICATIONS:

*Intermittent light grinding, facing, beveling
 Pipeline - Notching and cleaning weld beads
 Pipes fitting
 Welding preparation*

ALL THE ADVANTAGES OF PIPELINER

- Outstanding performance in pipeline construction
- Long life
- High safety standard (OSA certified) www.osa-abrasives.org
- Cost reduction
- No fluttering

WHY CHOOSING TYPE 1

Wheels for internal grinding and cleaning of pipes. These wheels are specifically designed for internal grinding of pipes in OIL&GAS Industry. The ideal tool for cleaning internal surfaces of pipes, valves and joints. They are extremely balanced to prevent fluttering and to ensure maximum control during operation. Thanks to special additives, you can reach high removal rate without overheating the workpiece. Manufactured with specifications for use at 45 m/sec (without reinforcements) and 60/80 m/sec (reinforced). The general purpose mixture is Fe, S, Cl free and is suitable for working also on stainless steel.

APPLICATIONS:

Internal grinding and cleaning of pipes

ALL THE ADVANTAGES OF TYPE 1

- Extreme removal capacity
- Long life
- Suitable for heavy-duty applications
- Cold grinding
- High safety standard (OSA certified) www.osa-abrasives.org

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**MAXIMUM POWER
MAXIMUM SAVING
MAXIMUM PRODUCTIVITY**



GRIND POWER II (PLUS)



Heavy works,
great removals...

WHY CHOOSING GRIND POWER II

Performance, removal capacity and working cost reduction. GLOBE has developed GRIND POWER II and the RX range, the wheels that meet all these requirements.

Due to the use of the best raw materials and of the most advanced manufacturing technologies, the new GLOBE grinding wheels offer exceptional performances. If used with suitably powered machines (1100W).

They can cut costs and working time by 50%. The coarse grit front layer is made with alumina zirconia.

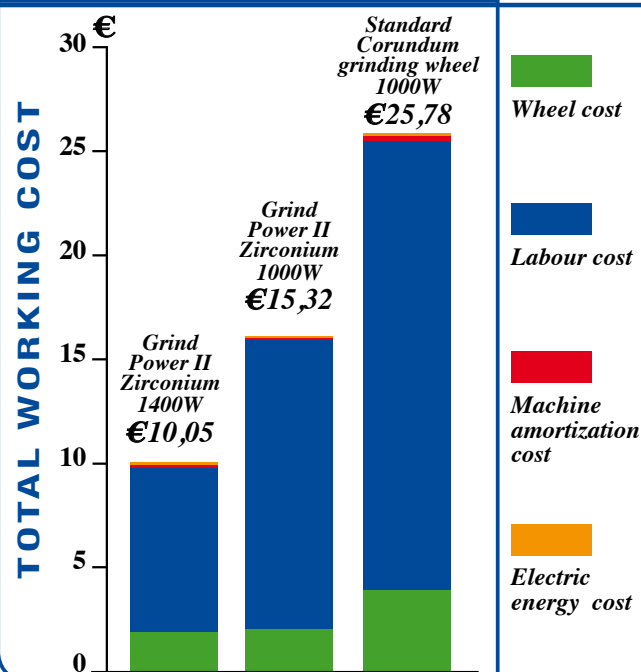
This gives the wheels high performances both in terms of lifetime and removal speed.

The fine grit rear layer, characterized by a high density and resistance, give an excellent steadiness and regular consumption.

ADVANTAGES OF GRIND POWER II

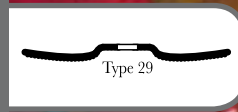
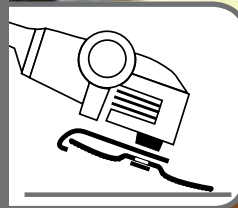
- Same removal of a ceramic wheel and lower price
- Long life
- Reduction of working costs
- Regular edge wear
- Lower logistics costs: transport, storage, disposal
- High removal capacity: up to 45g/min. against 22 g/min. of traditional corundum wheels
- Versatility of use: thanks to its special mixture (Fe, Cl and S free) GRIND POWER II is suitable for working several materials such as steel, stainless steel, alloy steel, cast iron, special alloys, etc

Calculation of total costs (€)
for grinding 1000g of C20 steel
with a 125 mm **Grind Power II** wheel*



*Further information available by sending a request to: export@globeabrasives.com

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**PERFECT GRINDING
AND FINISHING
OF FLAT AND
CURVED
SURFACES**



NEW TURBOTWISTER (PLUS)



WHY CHOOSING NEW TURBOTWISTER

New Turbotwister is the semi-flexible wheel suitable for grinding and finishing of flat and curved surfaces. New Turbotwister offers many features that make it unique in the world. The improved abrasive mixture gives the tool a longer lifetime. Turbotwister is the right compromise between the excessive flexibility of flap discs and the rigidity of standard grinding wheels: it is flexible enough to assure a good finishing and rigid enough to guarantee high precision during grinding operations.



*Concrete products, constructions,
lime stones, artificial stones,
marble and natural stones*



APPLICATIONS:

- ✓ Precision grinding on weldings
- ✓ Grinding on flat, convex and concave surfaces
- ✓ Grinding of internal weldings of big pipes or tanks
- ✓ Precision grinding and operations where a normal grinding wheel makes too deep scratches
- ✓ Finishing of castings of any shape
- ✓ Grinding of steel doors and windows weldings removal of welding drops and joints without damaging the surrounding metal
- ✓ Fast stock removal on steel
- ✓ Cold cutting and finishing of Stainless steel

ALL THE ADVANTAGES OF NEW TURBOTWISTER

- Two operations in one pass grinding and finishing
- Extremely fast removal
- Flexibility and high performance on all materials
- More comfort
- Less noise







Flexible-Fast Removal High Finishing More Comfort-Less Noise

The patented spiral grooves of the grinding surface creates a very efficient air circulation that cools the metal preventing overheating. The 3 mm deep pyramid grooves gives high and constant removal rate on all materials.



New Turbotwister different specifications:

1. Iron, steel and stainless steel  
2. Aluminium and non ferrous metals 
3. Stone, concrete and Fibreglass 



Flush mounting flange

The flush mounting flange allows (maintaining all safety standard) more comfortable and precise grinding, in addition to best performance.

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**THE HIGHEST COMFORT
OF GRINDING**

CONE



**GLOBE
CONE**

WHY CHOOSING CONE

Globe Cone makes possible to grind with a natural angle of 15° degrees, allowing flat grinding. These wheels also can be used for normal grinding operations.

The contact area of Globe Cone is much larger than the one of a 'standard' wheel. This results in a perfect planarity of the grinded surface.

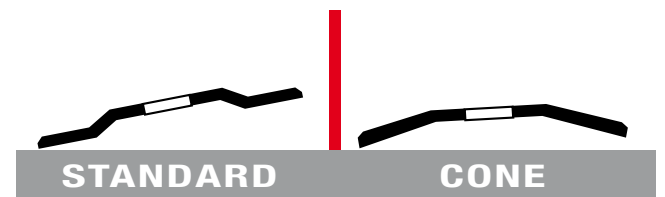
Available for: steel, stainless steel; also available upon request for cast iron.



The grinding angle of Cone



The grinding angle of a standard wheel



STANDARD

CONE

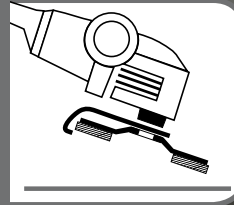
ALL THE ADVANTAGES OF CONE GRINDING WHEELS

- *Perfect planarity of the surface grinded*
- *Comfortable and efficient horizontal grinding*
- *High performance*
- *Long durability*
- *Available for: steel, stainless steel*
- *Also available upon request for cast iron*

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FLAP DISCS

FEATURES	AVAILABLE					
SUPPORT	PLASTIC			FIBREGLASS		
SHAPE	FLAT M14 VENTILATED		FLAT		CONICAL	
DIAMETERS	115	125	178	ROLL-ON		
				50	75	
ABRASIVE TYPE	ZIRCONIUM		CORUNDUM		CERAMIC	
GRIT	36	40	50	60	80	120
CROWN	BASIC		STANDARD		NARROW (HT)	
APPLICATIONS USE	STEEL			STAINLESS STEEL		



**CONSTANT QUALITY
...UNTIL THE END
IN A COMPLETE
RANGE OF FLAP DISCS**



BASIC



STANDARD



HT



BASIC: 1 - 6 - 9

Discs with less abrasive flaps than the STANDARD flap discs, with good abrasive cloths. Regular consumption and good durability. Suitable for not too powerful machines. Backing pads: plastic or fibreglass, flat or conical, with zirconium or corundum cloths.

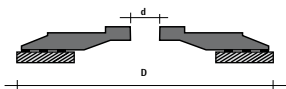
STANDARD: 2 - 7 - 10

Discs with bigger and more flaps than the BASIC flap discs. Made by alternated flaps with different hardness to obtain the best performance. Also suitable for not very powerful grinders and for use on edges. Available with plastic or fibreglass backing pads, flat or conical, with zirconium or corundum cloths.

HT (High Thickness): 3 - 4 - 8 - 11

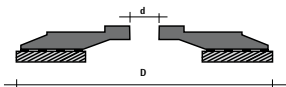
Discs with more flaps than the BASIC and STANDARD versions. Narrow shape to make flaps more inclined. HT discs have removal capacity, long durability and regular consumption. Manufactured with the best and stronger cloths. They need to be used with powerful machines. Available with plastic or fibreglass backing pads, flat or conical, with zirconium or corundum cloths.

PLASTIC



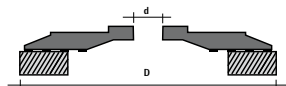
BASIC FLAT

1



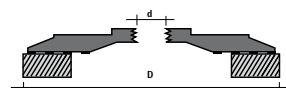
STANDARD FLAT

2



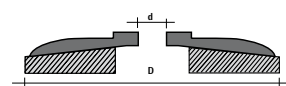
FLAT HT

3



FLAT HT (ventilate) M14

4



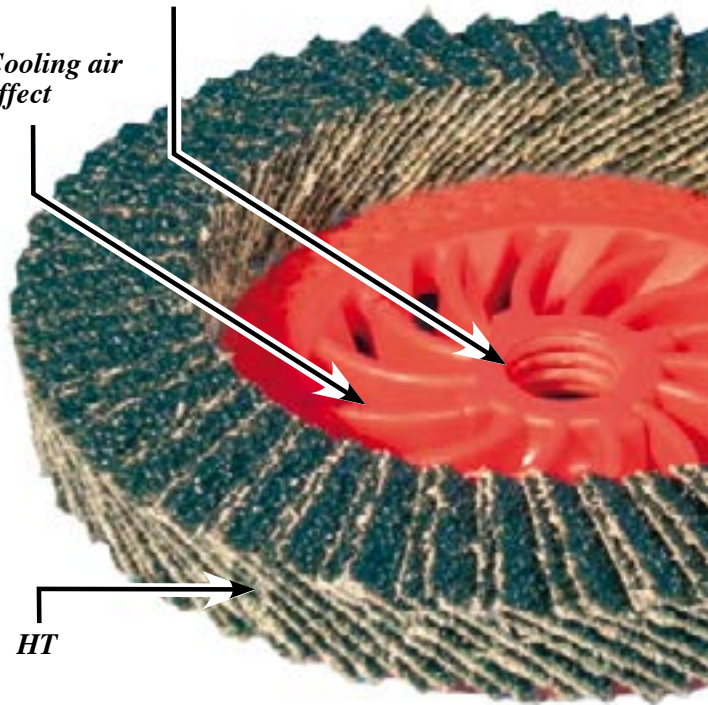
COMPACT

5

VORTEX HT

Quick fixing with M14 threaded bore

Cooling air effect

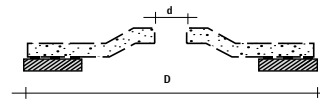


HT

COMPACT: 5

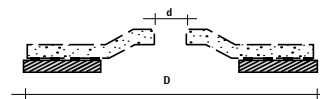
Thanks to its internal conical support and the special structure of the abrasive flaps, COMPACT allows the same compactness of the cloth from the center of the disc until the outer diameter. Excellent for delicate workings such as sheet metal because it maintains precision and high quality standards. The special cloth of COMPACT allows a high removal capacity, decrease of working times and longer durability of the disc compared to standard ones. It guarantees a costs reduction in favor of a very profitable quality/price ratio. Available in Zirconium and Corundum.

FIBREGLASS



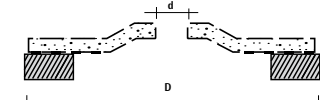
6

BASIC FLAT



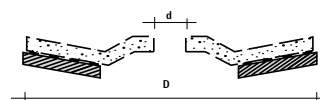
7

STANDARD FLAT



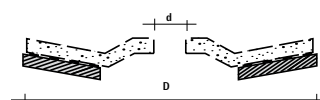
8

FLAT HT



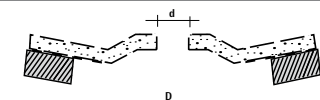
9

BASIC CONICAL



10

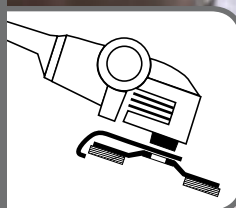
STANDARD CONICAL



11

CONICAL HT

FINISHING PRO



**GRINDING AND
FINISHING IN A
ONE SINGLE PASS**

HOW IT IS MADE AND HOW IT WORKS

Finishing Pro was born from the idea of creating a new generation flap disc by combining standard flaps of abrasive canvas with flaps of abrasive cloth, typical of finishing discs.

Globe FINISHING PRO is available in: 3 grits (fine, medium, coarse) for corundum discs; 1 grit (ultra coarse) for ceramic discs. Press the machine more to obtain a quicker abrasion; lighten the load to favour the finishing degree. To obtain the best results, always use with an angle between 5° and 10°.

MATERIALS THAT CAN BE TREATED

- MAIN FERROUS MATERIALS
- STAINLESS STEEL
- ALUMINIUM AND ALLOYS

SPEED

Can be used up to 13300 rpm (Ø 115 mm) and 12250 rpm (Ø 125 mm); anyway to obtain the best results, it is convenient to use discs between 3300 and 6000 rpm with machines with adjustable speed. This gives the disc the best performance and maximum lifetime.

MAIN USE OF FINISHING PRO

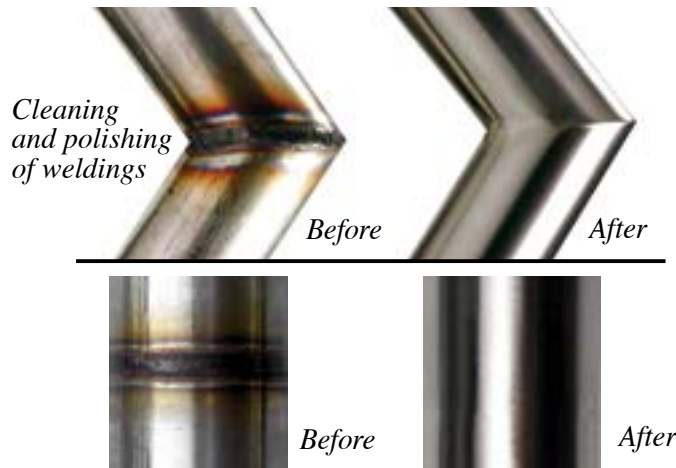
All applications in which a high finishing degree has to be reached (also in the food industry).

Suitable for light TIG weldings, to round off edges, to remove imperfections, scraps, light misalignments, oxidations, decolorizations, drops of weldings and paint. Suitable for the finishing of stairs, railings, food and marine installations, frames and kitchens.

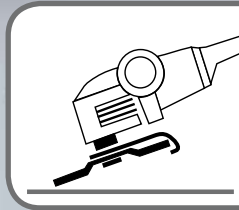
THE ADVANTAGES OF FINISHING PRO

- High quality of abrasive canvas
- Comfort in the use and maximum safety
- Professional finishing also for hobbyists
- Maximum time-saving (grinding and polishing in one single pass)
- Shiny surfaces and homogeneous finishing
- Long life
- Excellent performance also for curved surfaces
- For: stainless steel, special alloys and aluminum
- No vibrations
- No overheating of the metal

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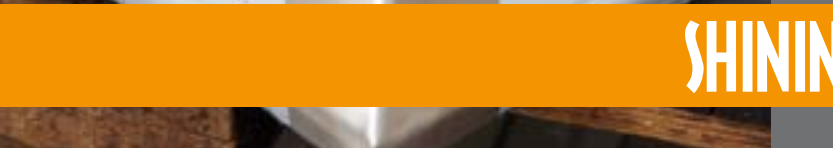


FINISHING PRO range in corundum and the **NEW ceramic disc** with ultra coarse grit.



**SHINING...
EXCELLENT AND
ADAPTABLE FINISHING**

SHINING



Laboratory test



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WHY CHOOSING GLOBE "SHINING"

GLOBE "SHINING" is a new generation of abrasive products for finishing made of a fibreglass backing pad and a three-dimensional non-woven material in nylon impregnated by synthetic resin and abrasive. This material is simply called non-woven fabric and it is perfect for a simple and adaptable finishing. The secret of this disc is the abrasion combined to an excellent finishing.

"SHINING" is suitable for Ø 115 angle grinders.

MAIN USE OF GLOBE "SHINING"

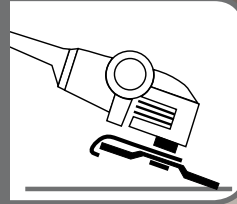
- ✓ *Pre-polish and quick removal of pitting*
- ✓ *Removal of imperfections without changing the workpiece geometry and removal of material*
- ✓ *Finishing of Tig and Mig/Mag weldings*
- ✓ *Correction of grinding errors*
- ✓ *Removal of: milling scratches, paintings or coverings, rust, calamine, oxidations...*
- ✓ *Cleaning of turbine blades and propellers*
- ✓ *Improves surface roughness: useful for pharmaceutical and food industry, where special requirements have to be followed for the surface roughness of the product*

ALL THE ADVANTAGES OF SHINING

- *Flexible: it fits to the workpiece shape*
- *Perfect for stainless steel: does not leave contamination or traces*
- *Avoids "smearing": does not leave any residue or signs on the workpiece*
- *Long durability*
- *Constant density*
- *Open structure: avoids formation of material heaps*



PERFECT CLEANING OF SURFACES



SCRUBBER

WHY CHOOSING SCRUBBER

The new GLOBE “SCRUBBER” was conceived for cleaning surfaces of stainless steel, steel and non ferrous metals, allowing to remove: paints from surfaces, different types of oxidations such as rust, calamine, limescale and concrete residues, bringing the workpiece to an excellent condition. It is made of a fibreglass backing pad, on which a very resistant and flexible nylon fibre agglomerate is installed, impregnated with synthetic and abrasive resin.

MATERIALS THAT CAN BE TREATED WITH GLOBE “SCRUBBER”

- ✓ STAINLESS STEEL AND STEEL
- ✓ ALUMINIUM
- ✓ TITANIUM
- ✓ NON FERROUS METALS AND THEIR ALLOYS
- ✓ MARBLE, GRANITE AND STONES
- ✓ FIBREGLASS
- ✓ PLASTIC
- ✓ WOOD

MAIN USE OF GLOBE SCRUBBER

Treatment of surfaces
 Cleaning of weldings without removing material
 Pickling
 Removes: enamels and burrs, rust and calamine, protective wax, cement, salt, grease

Perfect for:
 shipbuilding industry;
 construction industry;
 bodywork;
 structural work...

ALL THE ADVANTAGES OF SCRUBBER

- *Quick and precise cleaning*
- *Doesn't alter the geometry of the workpiece*
- *Economical*
- *Avoids the use of traditional, toxic and corrosive chemical products*
- *High flexibility*
- *Allows the use of coolants*

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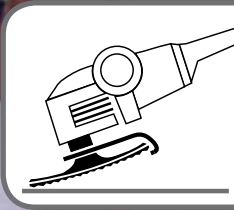
Start

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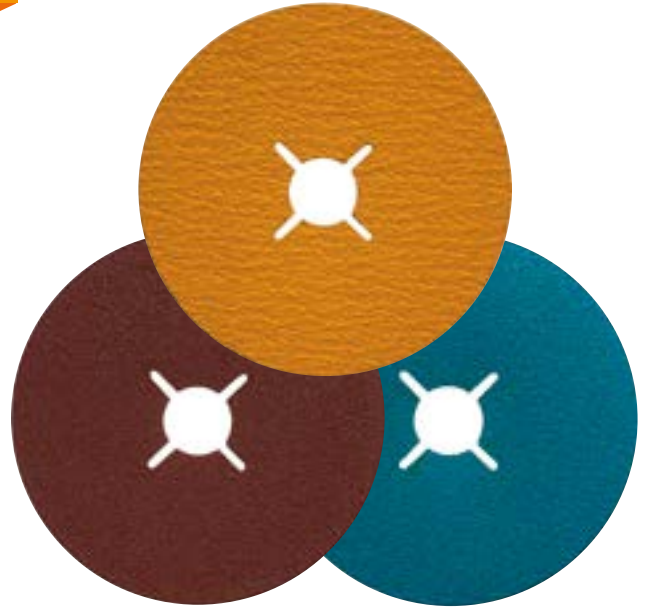
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FIBRE DISCS

A RENEWED AND WIDENED RANGE



CERAMIC
for steel and stainless steel



CORUNDUM
for iron and steel

ZIRCONIUM
for steel and stainless steel

AVAILABLE TYPES

DIAMETERS:
115, 125, 180.
TYPES OF ABRASIVE:
Ceramic
Corundum
Zirconium
GRITS:
16, 24, 36, 40, 50,
60, 80, 100, 120.



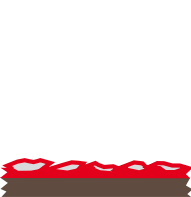
NEW ZIRCONIUM AND CORUNDUM FIBRE DISCS

Besides the new ceramic sanding disc, Globe developed a new, completely renewed range of zirconium and corundum sanding discs that are able to obtain 20% higher performances than the previous formulation as well as a longer durability.

Electrostatic orientation



Random orientation

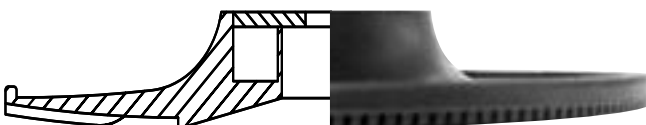


ELECTROSTATIC ORIENTATION OF GRAINS

During production process, abrasive grains are vertically oriented (through an electrostatic field with high potential difference) with their major axis perpendicular to the surface of the disc.

BACKING PADS

Globe sanding discs always have to be combined with our special backing pads to offer the best performances.



Backing pad for sanding discs.

WHY CHOOSING CERAMIC FIBRE DISCS

ABRASIVE MIXTURE WITH SPECIAL COOLING COMPOUNDS. Improves product performance, reduces heat development thus preserving the worked surfaces from possible overheating, pitting, etc. and extends durability of the sanding discs.

CERAMIC ABRASIVE GRAINS. The ceramic sanding disc is manufactured with an abrasive grit called ceramic, obtained by sintering of crystal alumina and with extraordinary features of hardness and toughness of grain.

ALL THE ADVANTAGES

- Very high removal
- Excellent finishing
- Versatility
- User comfort thanks to the lack of vibrations, lightness of the product and reduced noise emission
- Very low powder production
- Decrease production costs, increase productivity

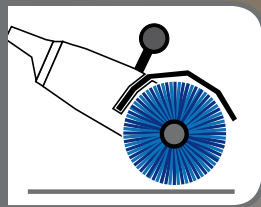
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SATINIZING ROLLS



WHY CHOOSING SATINIZING GLOBE

WORKS: satinizing, cleaning, stainless steel ornamental finishings, aluminium and brass, removal of oxidations, grease and paint. **ACTION SECTORS:** machines and systems for the food, chemical, pharmaceutical and health care industries, steel and stainless steel furnishing industry, extractor hoods, electrical household appliances, kitchen units and quality finishings.



QUALITY AND VERSATILITY FOR ALL SURFACES

NONWOVEN BUFFING ROLLS AND PADS

WHY CHOOSING ROLLS AND PADS

NON WOVEN ROLLS AND PADS are used for hand works or mounted on orbital or rectilinear polishers. With this type of extremely versatile product that is available in the Aluminium Oxide and Silicon Carbide versions, it is possible to work in an excellent way on a wide variety of surfaces: steel, iron, metals, wood, plastic, ceramic...

ADVANTAGES

STEEL, IRON, METALS for satin-finishing of flat surfaces, removal of oxides, preparation of details and removal of imperfections in general.

BODYWORK

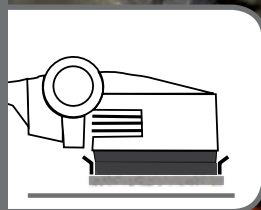
to make paintwork mat. Thanks to the special density of material, it does not clog even with difficult surfaces such as fillers.

WOOD

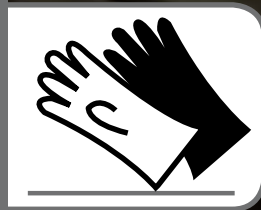
for the finishing of raw material on painted base.

To renew the non woven fabric, it is enough to rinse it with water or blow it with air then use it again until it is completely exhausted.

Differently from traditional abrasive cloths, **NONWOVEN BUFFING PADS** and **ROLLS** can be used on both sides, increasing their lifetime and economy.



EXCELLENT SOLUTIONS...



UNDER ALL ASPECTS ...ON ALL SURFACES

METAL BRUSHES

I.A.P. GLOBE brushes are professional products, EN 1083 certified. This range is made of products to be used by hand or with grinding machines.



ANOTHER GREAT INNOVATION MADE IN GLOBE

- UNIQUE AND PATENTED PACKAGING
- STACKABLE THANKS TO THE SPECIAL INTERLOCKING CAP AND BOTTOM
- AVAILABLE IN CARBOARD OR P.E.
- PERFECT PRESERVATION FROM EXCESSIVE HUMIDITY AND ATMOSPHERIC AGENTS

EXCLUSIVE PACKAGING



COUNTER

- FOR CUTTING AND GRINDING DISCS, FLAP DISCS AND FINISHING DISCS
- FOR 115 AND 125 DIAMETERS



COUNTER DISPLAY

FLOOR DISPLAY

- 4 COMFORTABLE AND WIDE SHELVES
- FRONT SLOTS FOR EXHIBITION OF DISCS
- ELASTICITY OF USE, CUSTOMIZATION AND MODULARITY



FLOOR DISPLAY



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