

New products



Feel the difference





Italian Global Quality



Founded in 1961 Globe is a family owned company located in Parma, Italy. Our team target is...Global Quality:

- High productivity
- Offer cost-saving solutions
- Maximum safety and reliability
- Innovation
- Comfort
- Fast and friendly sales service
- Technical assistance service
- Environment respect

How do we get it ?

- First quality raw materials employed
- Continuous in process testing of raw materials and final products
- Self construction of all production machineries and plants
- High level know how
- Continuous study and development of new and better products
- Worldwide patents
- 4 generations of engineers and chemists involved in a continuous process of study and development

1 **ZAC**
The highest performance



2 **SAFECUT**
For impossible cuts and safe works



3 **COMBI**
Cut and grind with the same tool



4 **HT-FLAP DISC**
Maximum performance at the lowest cost



5 **FLAT GRINDING SOLUTIONS**



6 **TURBOTWISTER**
For comfort flat grinding



7 **CONE**
For higher removal rate grinding



8 **LAB CUT**
Metallographic cutting discs



9 **EASY LOCK**
The future standard



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11 **AIR TOOL KIT**



ZAC

The highest performance cutting discs

Due to a sophisticated pressing technology we obtain a spiral shape pattern on both the faces of the disc. The pattern is an alternation of low and relief areas. This solution reduces the side surfaces friction and the overheating of the metal; The sequence of these spiral "ribs" give an outstanding rigidity allowing precise and straight cuts and an easier work.

Available dimensions:

115<->230mm

Available thicknesses:

1.0; 1.3; 1.6; 2.0; 2.3 mm

Available specifications:

steel,

stainless steel,

aluminium,

stone-concrete,

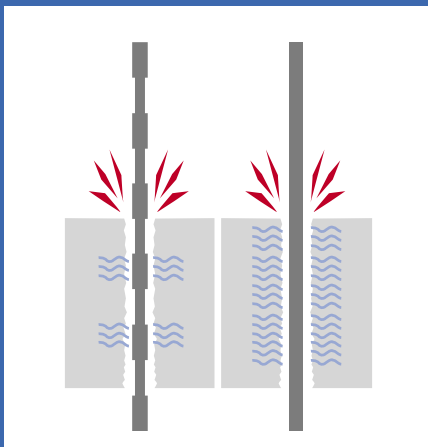
non ferrous materials



**ZAC, the longest life disc existing in the world.
Test it yourself !! Ask us a free sample!**



- Lower side friction
- Metal overheating reduction
- High rigidity
- Lower tendency to decrease turning speed
- High speed cut
- Precise, easy and straight cut
- Exceptionally long life



SAFECUT allows you to make flush cuts, an operation impossible to do with flat discs. Using the special extra thickness back flange supplied, the front flange and the shaft of the power tool are not any more exceeding the bottom plan of the disc (see pictures below). With this fitting the disc is displaced slightly inside the safety guard of the power tool working always in a safe way.

SAFECUT

For impossible cuts
and safe work



The difference between Safecut and competitors discs is its exclusive metal reinforcement of the depressed centre.



This protection improves remarkably the rigidity of the disc; this is very appreciated in bigger diameters as 180 and 230mm where you need precision and no vibrations. Another big benefit is to protect the depressed centre by friction against the metal you're cutting preserving it by the wear of the reinforcement tissues and a possible breakage that could cause big injuries to the operator. GLOBE supplies a special extra thick flange for optimal fixing of your SAFECUT disc to your grinder.

- Ribbed design
- Safe work
- High rigidity
- High speed cut
- Precise, easy and straight cut
- Exceptionally long life



Available dimensions:

75<->230mm

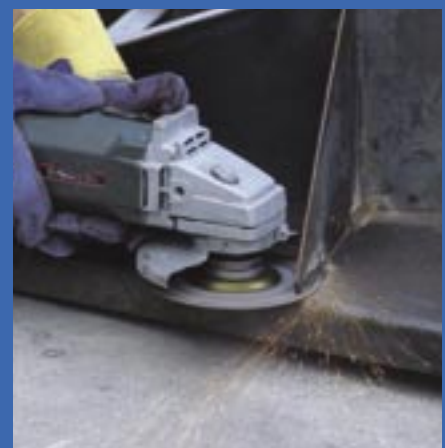
Available thicknesses:

1.0; 1.3; 2.0; 2.3 mm

Available specifications:

steel,

stainless steel



COMBI

Cut and grind with
the same tool

An exclusive construction technique allows us to manufacture a wheel suitable for cutting and grinding operation. Despite the reduced thickness that allows a good cutting capacity, the exceptional strength and resistance permit to use COMBI for light grinding or notching operations in the maximum safe way.

Available dimensions:

115<->230mm

Available thicknesses:

3,5 mm

Available specifications:

steel,

stainless steel



You'll never again have to change cutting discs and grinding wheels because you have both in the same product!!

The resistance and safety of COMBI are regularly tested by the MPA certification laboratories (Hannover, Germany).



- Save time ! Save money!
- Very good grinding capacity
- Efficient cut
- Certified safety
- Metal depressed centre protection

The original flap crown shows you immediately the difference by HT and all competitors products. The flaps are in bigger number and they're narrow in way to concentrate the abrasive material in the outer part of the disc which is the faster and that has the highest removal capacity. The reduced contact area improves the specific load and the grinding action.

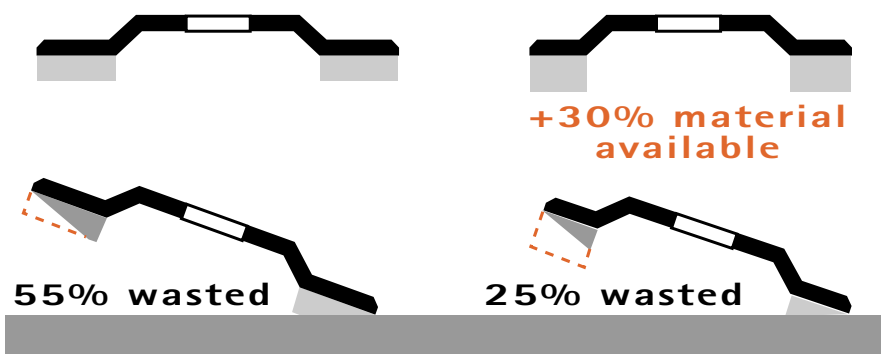
HT FLAP DISK

Maximum performance
at the lowest cost



HT flap discs have high and constant grinding capacity from the beginning to the end. Traditional flap discs grind well for few minutes and when the surface grit is worn and you see only the tissue, performance falls.

Use all the grinding material, don't waste money... Frequently the operator uses the disc with 30-35° angle and when the wear arrives to the end on the outside part of the flap crown, the inside part is still able to work but he throws the disc in the rubbish. The particular geometry of HT allows you to use till the end the abrasive flaps!



Available dimensions:

115<->180mm

Available grits:

40; 50; 60; 80; 120

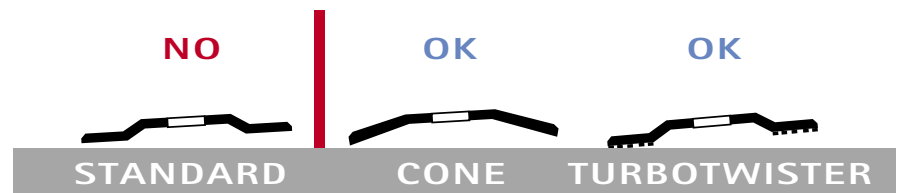
Available specifications:

stainless steel

FLAT GRINDING SOLUTIONS

Grinding weldings is one of the most common applications in metal constructions. This is a typical example where is necessary flat grinding.

Still today many operators have the wrong habit to use standard depressed centre grinding wheels for flat grinding operations. This misuse has many bad consequences: the wheel vibrates and hops on the metal surface and the work becomes uncomfortable and can cause muscle and articulation diseases. Vibrations and hops of the wheel give big shocks and stress to the wheel structure causing non homogeneous wear, unbalancing worsening the work conditions. The flat contact of the wheel against the metal wears the outside reinforcement dangerously compromising the safety and wealth of the worker.



In way to prevent all these big problems we've developed the TURBOTWISTER and CONE wheels



Turbotwister due to his flexible structure allows flat grinding in a safe and comfortable way. The patented shape of the spiral grooving similar to the diamond pyramidal cut give a very high removal capacity and a strong air circulation that prevents the metal overheating.

TURBOTWISTER

For comfort flat grinding



TURBOTWISTER gives superior results on curved surfaces grinding and achieve quality finishing.

Available dimensions:

75 ;115 ;125 ;150 ;180mm



Available grits:

24, 36, 60, 100

Available specifications:

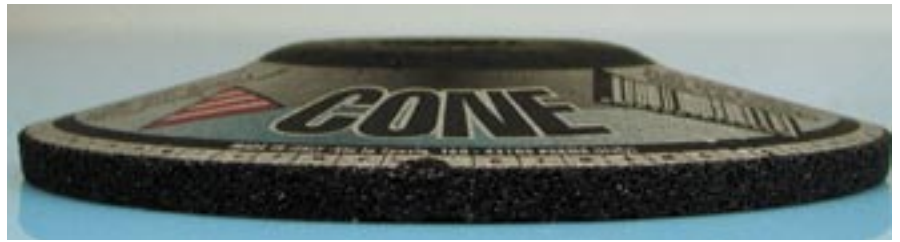
stainless steel,

aluminium

For optimal use of TURBOTWISTER we supply an extra thick back flange that allows to keep the front flange and the shaft of the power tool completely inside the shape contour of the wheel. In this way you can use the wheel with it's natural angle of 10° with the metal surface.

CONE

For higher removal
rate grinding



Available dimensions:

115 ;125 ;150 ;180 ;230mm

Available hardnesses:

soft, medium, hard

Available specifications:

all, upon request



CONE wheels are manufactured with a natural angle of 15°. This solution offers big advantages:

- The reinforcement of the bottom surface of the wheel is protected by friction and damaging by the contact with the metal
- You can keep the grinder machine more flat without twisting your wrist, working in a more comfortable position
- Removal rate is at the same level as depressed centre wheels but with better finishing
- Optimal for flat grinding, very good for general grinding applications too



wrong position



right position

Innovative discs for metallographical cutting with cooling water stream. This type of cut is made where there is the absolute necessity to avoid heating or hardening of the metal.

LAB CUT

Metallographic
cutting discs



The most common applications are:

1) metallographical analysis of castings:

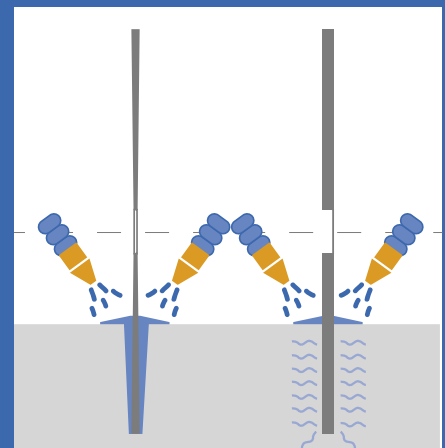
pieces of castings are cut under water flow for checking the crystalline structure of steel. Overheating is not admitted in way not to modify the test piece structure

2) hardened-grinded guides and shafts:

every day in the world kilometres of these items are cut to manufacture machineries and cylinder shafts; in this application it's fundamental to avoid hardening of the core of the pieces

GLOBE has developed a complete set of metallographical discs with biconical shape.

The biconical section reduces overheating due to the friction of the side surfaces of the disc. Moreover the coolant can easily enters in the narrow space between disc and metal cooling and lubricating.



EASY LOCK

The future standard

Easy lock is a new and patented locking system invented by our team for fixing easily grinding wheels on the grinders.

Easy lock is a plastic flange fixed directly to the grinding wheels. We can supply all our range of standard grinding wheels (depressed centre, conical, turbotwister) mounted with an EASY LOCK flange.

EASY LOCK nut can be mounted on all grinding wheels of:

115, 125 and 150mm diameters.



You'll no longer need the front clamping nut or the pin key to fix it and that very often get lost somewhere in your workshop!

- Very useful for building yards, shipyards, outside maintenance and service operations.

- You'll never have to go back to your workshop because you've forgotten the clamping nut key!

Traditionally grinding and cutting wheels have been packed in soft carton boxes. We wanted to achieve a better result: we have developed an exclusive, new and patented packaging. All our wheels are packed in round plastic or rigid carton pipe boxes.

NEW PACKAGING



The advantages are a better protection of the products from shocks and environment moisture, preserving your GLOBE wheel until the moment you will use it.

All the materials used for the packaging are recyclable (PE and cardboard).

AIR TOOL KIT

Globe presents a new complete kit containing an high quality air grinder and a complete set of mini tools for cutting, grinding, finishing and polishing.

The air grinder is extremely compact and light. The transmission of the power is direct without conical gear giving an high power, long life and maximum reliability.



A wide variety of effective and performance tools for every type of application from cutting, to grinding, to fine polishing.

ABRASIVE TOOL KIT

- **MINI ZIP HP**

Very thin cutting discs allow fast and precision cuts in every position. Outstanding life.

- **MINI SAFECUT**

Depressed centre discs. Allows extremely precise and very fast cuts, due to its rigidity and reduced thickness. The depressed centre shape allows flush cuts also in narrow corners. Unique product!

- **MINI FLAP DISC**

For light grinding, cleaning of rusty and crusty surfaces. Suitable for curved surfaces too.

- **MINI TURBOTWISTER**

Semiflexible wheel with high removal rate particularly indicated for curved or modelled surfaces; very effective in narrow spaces and of difficult accessibility. Allows to work in a very precise way; due to the patterned surface and great air circulation avoids metal overheating. Suitable for aluminium and composites too.

- **SCOTCH BRITE DISCS**

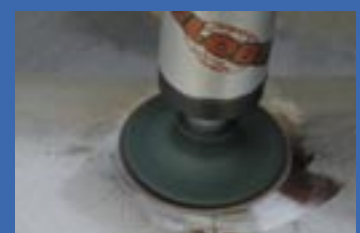
For paint removal, finishing and polishing. Grits available for every finishing grade.

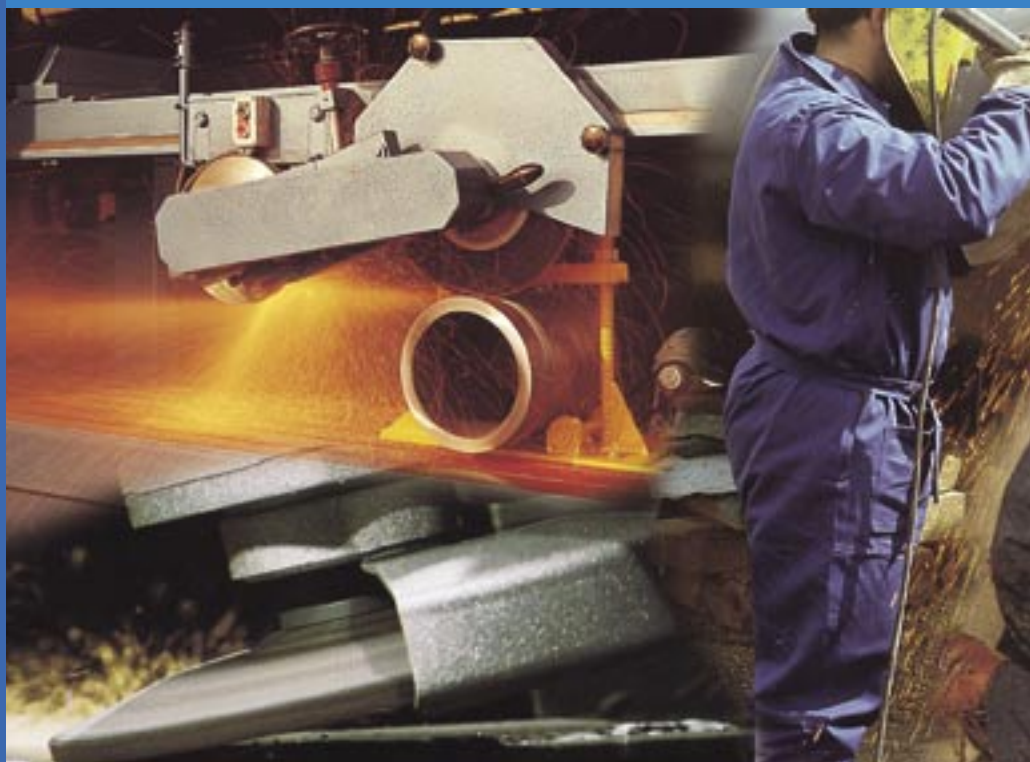
- **MINI SANDING DISCS**

Available in various grit sizes for light grinding and finishing at every grade.

- **MINI GRINDING WHEELS**

Indicated for high removal in narrow spaces.





Max-Fun



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