



Tools and shaped wheels for manual and portable machines

GHINES TOOLS are state of the art in diamond application for industrial purposes.

Ghines has taken advantage of each diamond processing technique (**sinterization, vacuum-brazing, electroplating, vulcanization**) obtaining a set of shaped wheels where each tool represents the best possible solution pertaining to its function.

Ghines has to date the maximum control on the entire production process, from the manufacturing of the metallic supports to the diamond application.

The geometry of each single tool is achieved with the necessary increment so that all the steps can be accomplished without modifying the spindle trim.

Every shaped tool, in the metallic positions green, black and red, can be supplied with or without tracer point according to the type of machine where it is used.

GHINES TOOLS wheels are suitable for any stone material and can be used on any machine, manual or CNC, modifying dimensions and connection.



Able to meet any challenge



State of the art technology and technicians always available:
choose your **RESULTS** with **GHINES TOOLS**



Cutters with Sector connection

Wheel description	Function
Green	Stock removal
Black	Shaping
Red	Honing
NOLINE	Remove line left by the tracer point
Yellow	Finishing
White	Pre-polishing
Blue	Polishing
Orange	Final Buff

An absolute precision is required for processing shaped tools. Diameters, heights, radius... all the parameters have to be observed with zero tolerances, above all when it comes to a non-deformable diamond application ensured in our tools.

The sintered "green-colour" tools allow a gross rough shaping of the workpiece ensuring an easy and quick **STOCK REMOVAL**. The vacuum-brazed "black-colour" tools, always keeping their true shape, ensure an accurate and unchanging **SHAPING**.

The electroplated "red-colour" tools guarantee a perfect **HONING** while the metallic "yellow-colour" tools offer the best **FINISHING** degree possible today. The vulcanized "white, blue, orange -colour" tools, manufactured under GHINES patent, incorporate diamond into a rubber strip devoid of any irregular steps; they have a controlled expansion allowing a perfect contour matching until the desired **POLISHING** is achieved.

Besides, in addition to the standard profiles, GHINES can quickly manufacture tools of any shape.



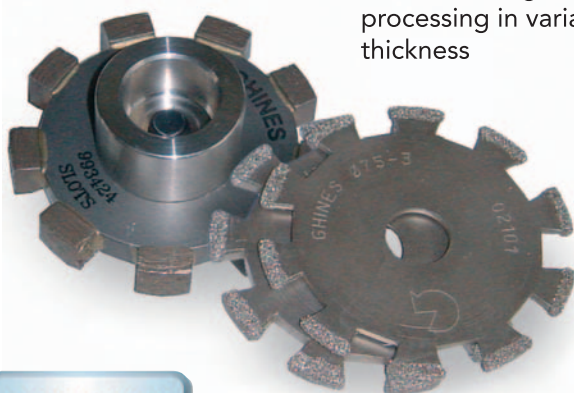
Erase the line of the tracer point in one single pass!



Stock removal tools need a metallic tracer-point which leaves a slight prominence on the processed edge. So far, before performing the finishing and polishing steps, the line needed to be manually removed using an abrasive pad.

The new NOLINE tool represents a practical and quick alternative to the manual solution. After using the red (electroplated) wheel, a single passage with NOLINE is enough to remove the prominence before finishing the edge using the yellow (metallic) wheel.

Slot discs for grooves processing in variable thickness



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