

vademecum GOLDSMITH

Jewelry work

Lost-wax Casting

666T.03

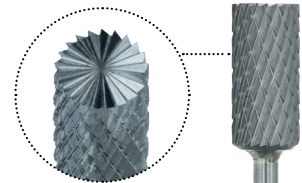


777T.05

Reinforced carborundum discs

Useful to cut the sprue

Their thin design minimizes precious metal waste during cutting.



H21EG.104.060

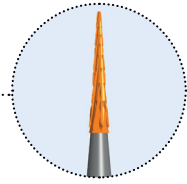
Cross-cut bur

Effective for removing the remaining sprue.



fresissima

Finishing



HXU23E

006 - 007 - 008 - 009

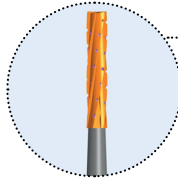
► Slot micro bur

Made from solid tungsten carbide

Cross-cut, very fine tip effective on all metals

Highly durable.

HXU23E.007



► **H31**

008 - 010

Cylindrical bur in solid tungsten carbide.

H31.104.008

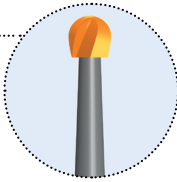
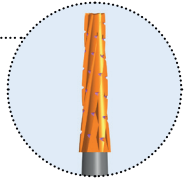


H33

008 - 010 - 014

Slot bur with a flat head made of solid tungsten carbide.

H33.104.010

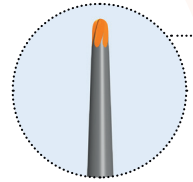


H3.CHIR.012 HP

► Special tungsten carbide ball bur

The spaced cutting edges enhance cutting efficiency

The sharp tip and slender neck enable fast and precise drilling.



H71

002 - 003 - 004

CT micro ball burs ◀

Extremely useful for refining corners.

H71.004



MINIFRESIFLEX

► Fine-grit diamond disc

Ideal for finishing the interior of grooves with precision

Fine-grit.

original fresissima



DUROSINT

Sintered diamond disc ◀

0.25 mm in thickness

Cuts any material

Can also be used for tool sharpening

Very durable.

original fresissima





HDHP881.025

► *Diamond burs*

Medium-grit diamond for satin finishing.



Surface result

RICCIO.060

CT burs ◀

Suitable for highly accentuated satin finishes

Creates a "polished hammered" effect.



BLACK

ENDOOK EERO

► *Flexible rotary files* ◀

They allow for refining and cleaning irregular holes.



RED

Polishing



9691.HP.GALAXY

GALAXY

► *Sintered diamond with rubber binder* ◀

Essential for polishing uneven surfaces.



9692.HP.GALAXY



1040HP

► *Mounted rubber burs*

High tip resistance.

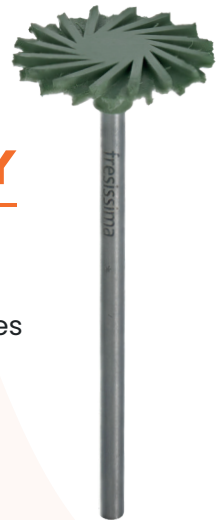


0040 0040F GALAXY

► *Mounted rubbers* ◀

1st step: Abrades and refines

2nd step: Polishes.



1505



1517



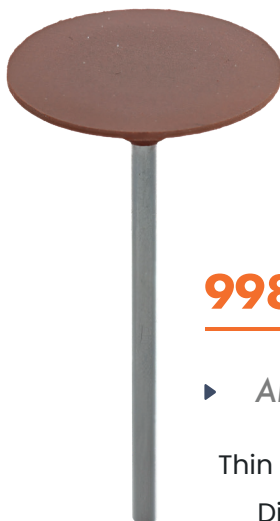
1505 - 1517 - 1506

► *Polishing* ◀

The red rubbers are exceptional for quickly "erasing" marks left during the manufacturing process

The purple rubbers, when used consecutively, provide excellent polishing.

1506

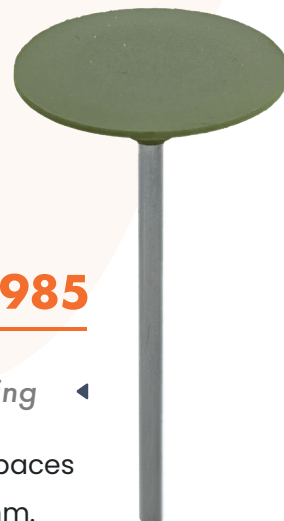


9985V

► *Abrading*

Thin disc shaped ideal for confined spaces

Diameter: 22 mm. Thickness: 0.8 mm.



9985

Polishing ◀

1100

Mandrel for Gummy ◀



1103 GREEN

▶ pencil-tip rubber burs

Perfect for polishing hard-to-reach areas.



F120

▶ Special felt wheel

Soaked in diamond paste.



F100 - FR002

▶ Special felts ◀

To be used with diamond paste.



FIBER BLACK 1.0

Carbon fiber polishers. ◀

FIBER WHITE 1.0

▶ Glass fiber polishers



The WHITE smooths by removing roughness

The BLACK polishes

Slightly flexible and extremely durable, they allow work in areas difficult to reach with standard rubbers.

1100 ZERO

Mandrel for Fiber ◀





SM141.22

► *Brass bristles*

Ideal for "scraping" and cleaning metal surfaces
Conveniently pre-mounted on dedicated mandrels.



SM939.22

steel bristles ◀

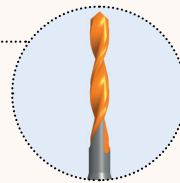


SMB 22M

► *Natural buffalo hair*

High paste absorption capacity
Useful for "cleaning" and polishing metals.

Metal drilling



H206.104

006 - 007 - 008 - 009 - 010 - 011 - 012

► *Metal drilling*

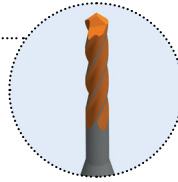
Solid carbide helical burs
for metal drilling.

Pearl drilling



H206B.104

008 - 010 - 012

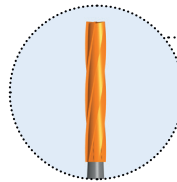


► Pearl drilling

Four-blade spiral tips in solid tungsten carbide

Designed for drilling pearls and stones with a maximum hardness of 4 on the Mohs scale.

Hole refining



H21XL

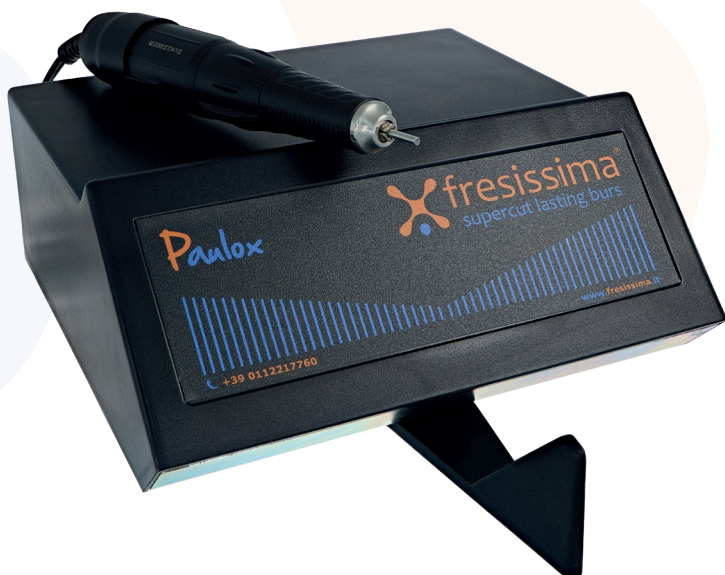
006 - 008 - 010 - 012



Solid tungsten carbide. ◀

Cylindrical bur excellent for refining holes

Usable on any metal and pearls.



PAULOX T

Bench micromotor ◀

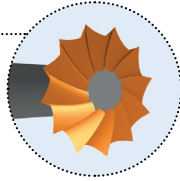
Equipped with a special torque compensator that ensures good power even at low rotational speeds.

Rotation speed: 3,000–30,000 rpm.

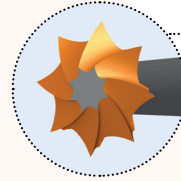
Stone setting

Setting is the technique used in jewelry making to secure gemstones of various types and shapes within specialized settings, called **mountings**.

FHH



► *Innovative for stone setting*



FHH8

Innovative for stone setting ◀

Unique in the world, FHH Fresissima are made from solid tungsten carbide, with a shape that replicates that of an engraving tool (graver).

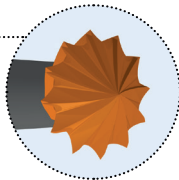
The 12-blade version is used on yellow gold. The 8-blade version is specific for metals that tend to clog, such as palladium and platinum.

A single FHH Fresissima can replace up to 30 common steel burs.

FHH.104.014

FHH8.016

FHD



► *Solid tungsten carbide*

Designed for creating the mounting for the gemstone.

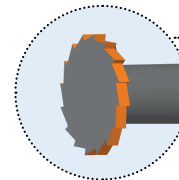
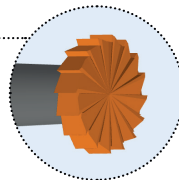
The FHD Fresissima is the only bur with an 85° angle, matching the angle of most gemstones, providing significant advantages for setters.

FHD.104.022

FHRE.104.020

FHRF

010 - 015 - 020



FHR

010 - 015 - 020

Solid tungsten carbide ◀

Wheel bur designed for finishing narrow grooves.

Reversing the rotation direction significantly increases cutting capacity.

Thickness: 0.2 mm

FHR.104.020

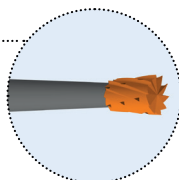
Solid tungsten carbide

Wheel bur with an active head

Thickness: 0.6 mm

HXU35E

008 - 010 - 012 - 014



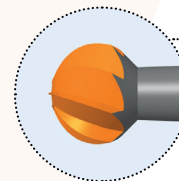
► *Inverted cone*

Excellent for working in corners.

Highly effective when used along its edges.

HXU35E.104.014

C1



Stone seating ◀

The increased number of blades, compared to standard tungsten burs, allows for high-quality finishing even at low speeds.

C1.104.014

Stone repair and polishing

Systems that allow the setter to directly repair scratched or chipped stones with excellent results (a process typically done in cutting). The degree of finishing and polishing is crucial to prevent any scratches from being visible.

DIALUX SYSTEM

▼ Sintered diamond system ▼



9690.104.260

1° STEP



9691.104.260

2° STEP



9692.104.260

3° STEP

These are used to "lower" stones that may protrude from the piece. In this case, the stones are reduced by modifying the part that will meet the object

Effective even on very hard stones.

GEMINI SYSTEM

▼ Sintered diamond system ▼



GEMINI RUOTA C
"ABRADES"

1° STEP



GEMINI RUOTA F
"SMOOTHES"

2° STEP



GEMINI RUOTA SF
"POLISHES"

3° STEP

POLISHING



209900

► *Polishing paste*

It can replace two steps: it removes scratches and polishes

It contains no grains or particles that could scratch the piece.

POINT



FLAT



SP 80x40

Boar bristle brushes

They absorb polishing pastes very well

They do not shed bristles.

Precious stone cutting

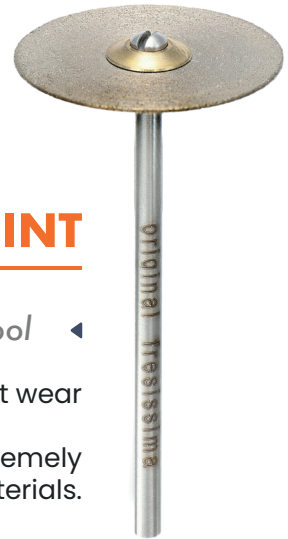


SD251 SC

- ▶ *Sintered diamond tool*

Exceptionally durable

Maintaining the same diamond quality throughout its lifespan.

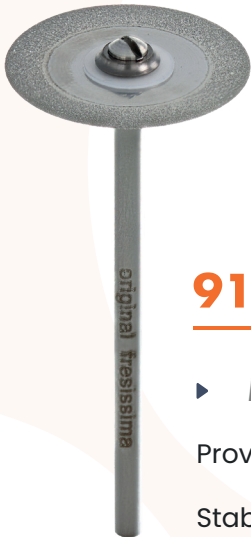


DUROSINT

- Sintered diamond tool* ◀

Durable with consistent wear

Ideal for cutting extremely hard materials.



911.190

- ▶ *Diamond disc*

Provides a clean cut

Stable, precise, and controllable.

222T.02 DIA

- Fabric-reinforced diamond disc* ◀

Cuts and separates

Minimal and consistent wear.



H7859L.DIA

012 - 016

- ▶ *"Disteno" patent long-lasting diamond*

Diamond-coated tungsten carbide.

High wear resistance.

DHP 71

020 - 030

- Diamond burs* ◀

Medium-grit

spherical shape.



DHP 71/4020

Stone repair and polishing



LENTE C

1° STEP



LENTE F

2° STEP



LENTE SF

3° STEP

GEMINI LENTE

► *Sintered diamond system* ◀

Effective even on very hard stones.

Also useful to "lower" stones that may protrude from the piece.
In this case, the stones are reduced by modifying the part that will meet the object.

DIALUX SLIM

► *Sintered diamond system* ◀



9691 HP SLIM

1° STEP



9692 HP SLIM

2° STEP

vers. 01/25