vademecum GOLDSMITH

Jewelry work

Lost Wax Casting

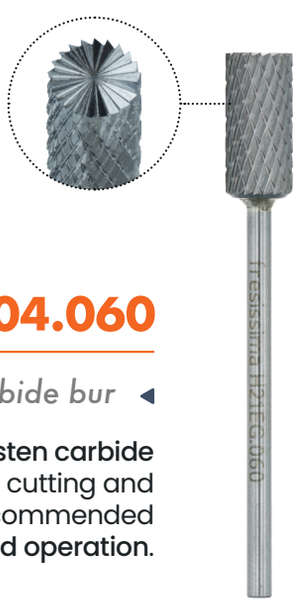
Sprue Cutting

Reinforced carborundum cutting discs.

Available in **22 mm** diameter,
0.2 mm and **0.3 mm** thickness;
40 mm diameter, **0.5 mm** thickness.

666T.02

777T.05



H21ZRN.104.060

Zirconia bur

Cross-cut **zirconia bur**, removes material quickly leaving a well-finished surface. Recommended for **low-speed use**.

H21EG.104.060

Tungsten carbide bur

Cross-cut **tungsten carbide** bur, extremely fast cutting and long-lasting. Recommended for **low-speed operation**.

fresissima

Finishing

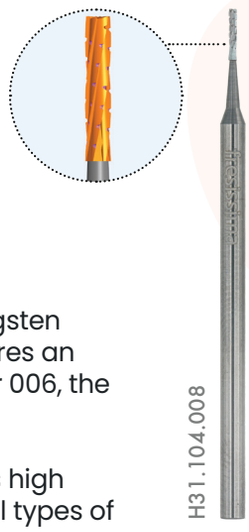
HXU23E

006 - 007 - 008 - 009

Slot micro bur

Manufactured from solid tungsten carbide, the active part features an extremely fine tip. In diameter 006, the tip measures only 0.18 mm.

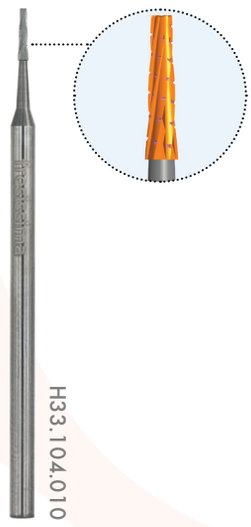
The cross-cut design ensures high efficiency when working on all types of metal.



H31

008 - 010

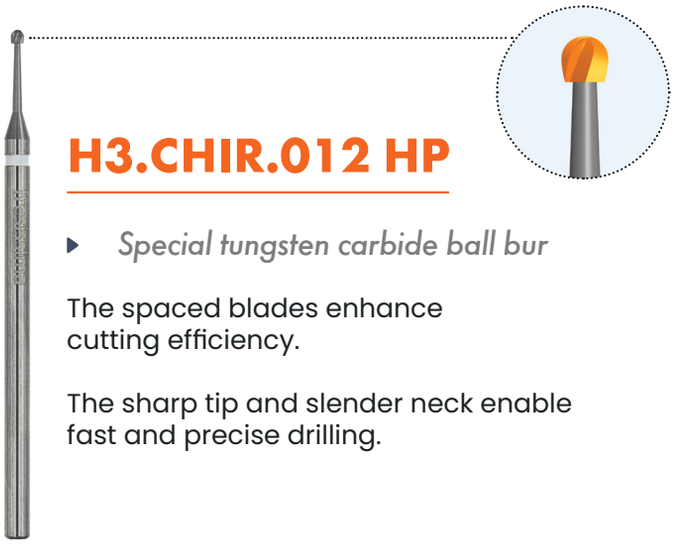
Cylindrical bur in solid tungsten carbide.



H33

008 - 010 - 014

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

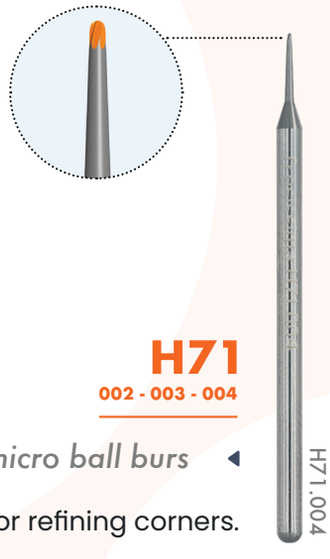


H3.CHIR.012 HP

Special tungsten carbide ball bur

The spaced blades enhance cutting efficiency.

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



H71

002 - 003 - 004

CT micro ball burs

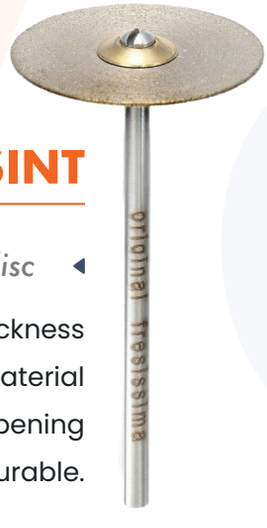
Extremely useful for refining corners.

MINIFRESIFLEX

Fine-grit diamond disc

Ideal for finishing the interior of grooves with precision.

Fine-grit.



DUROSINT

Sintered diamond disc

0.35 mm in thickness

Cuts any material

Can also be used for tool sharpening

Very durable.

HDHP881.025

Diamond burs

Diamond burs with medium grit, specifically designed for satin finishing operations.

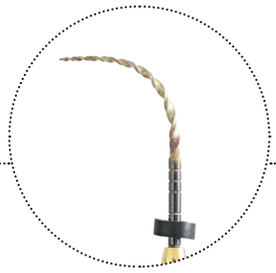
Surface result

RICCIO.060

CT burs

Suitable for highly accentuated satin finishes.

Creates a “polished hammered” effect.



BLACK

ENDOOK EERO

Flexible rotary files

Nickel-titanium files with high flexibility, designed for grinding and finishing the internal walls of curved holes.

RED

Polishing

9691.HP.GALAXY

GALAXY

Sintered diamond with rubber binder

Essential for polishing uneven surfaces.

9692.260.GALAXY

1040HP

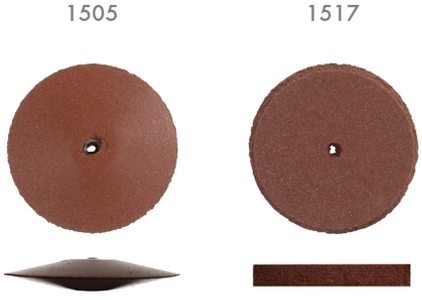
Hard rubber

Point-shaped rubber polisher made of hard compound, suitable for machining hard metals such as titanium and steel.

0040
0040F GALAXY
0040 SF

Soft rubber

Rubber polishers, available in two shapes, point and “brush”, and three grades for abrasion, finishing and polishing of precious metals.

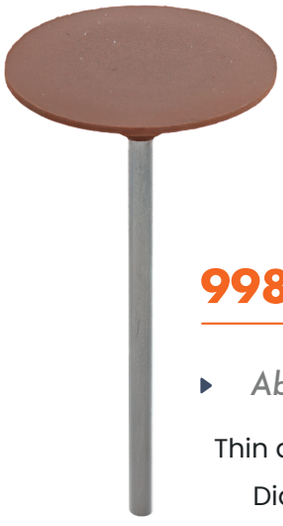


1505 - 1517 - 1506

Polishing

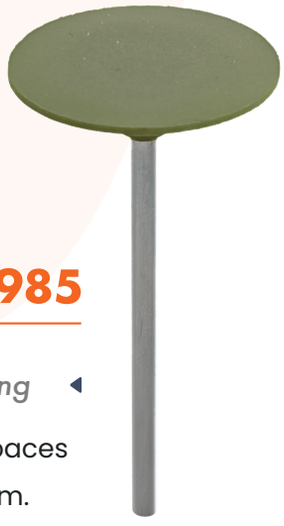
The red rubbers are exceptional for quickly “erasing” marks left during the manufacturing process.

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



9985V

Abrading



9985

Polishing

Thin disc shaped ideal for confined spaces

Diameter: 22 mm. Thickness: 0.8 mm.

fresissima

FIBER WHITE 1.0

Glass fiber polishers

FIBER BLACK 1.0

Carbon 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

Precision mandrel for Fiber Black and Fiber White, adjustable clamping system from 1 mm down to 0.

1103 GREEN

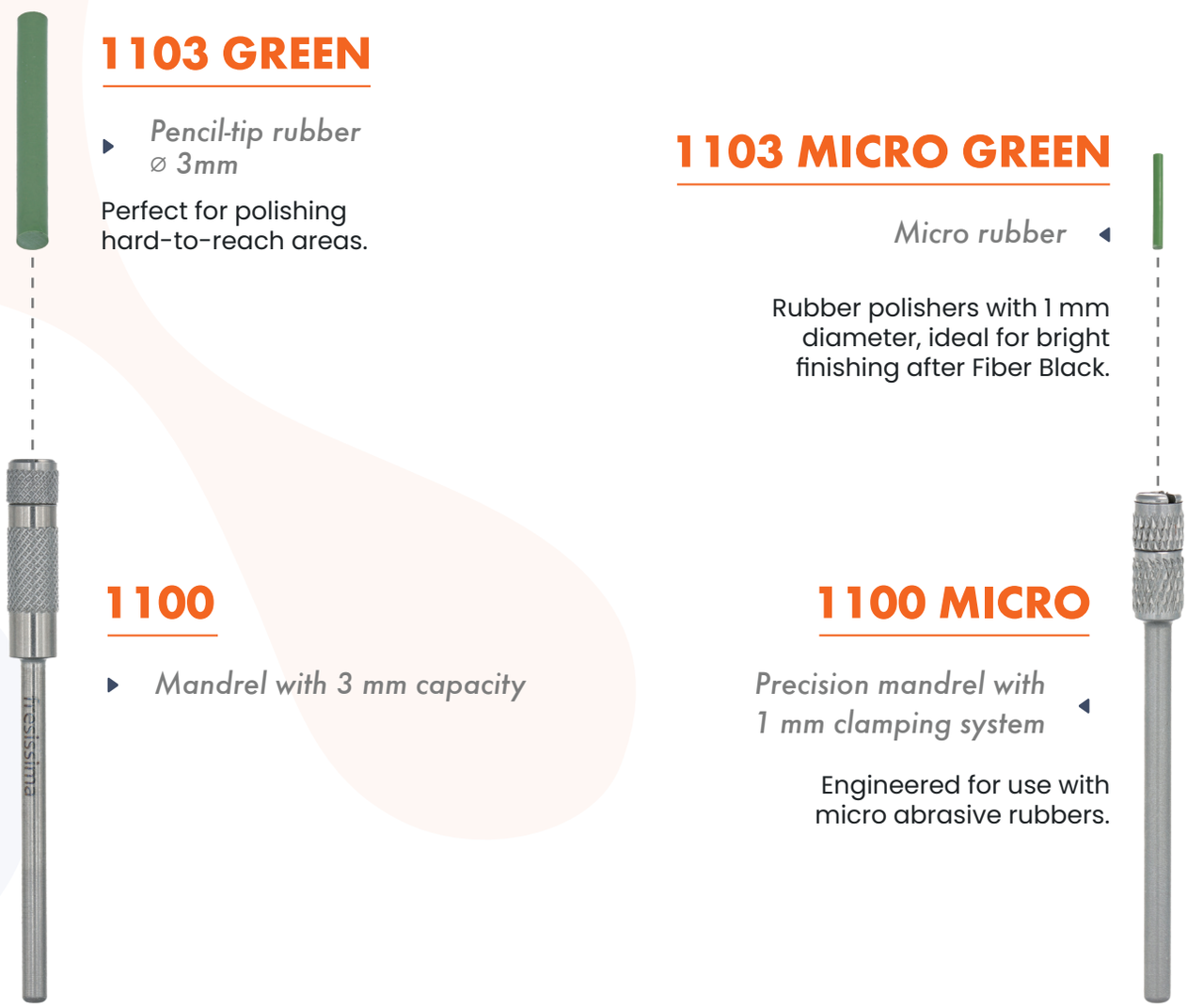
Pencil-tip rubber
⌀ 3mm

Perfect for polishing hard-to-reach areas.

1103 MICRO GREEN

Micro rubber

Rubber polishers with 1 mm diameter, ideal for bright finishing after Fiber Black.



1100

Mandrel with 3 mm capacity

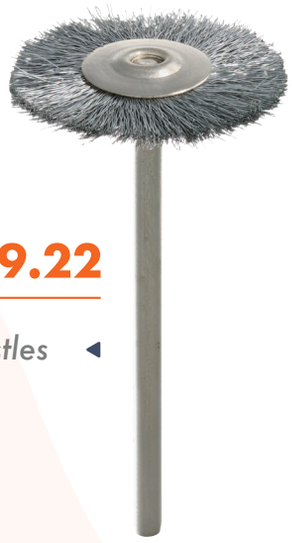
1100 MICRO

Precision mandrel with 1 mm clamping system

Engineered for use with micro abrasive rubbers.

SM141.22

- *Brass bristles*



SM939.22

Steel bristles ◂

Metal brushes in brass and steel.

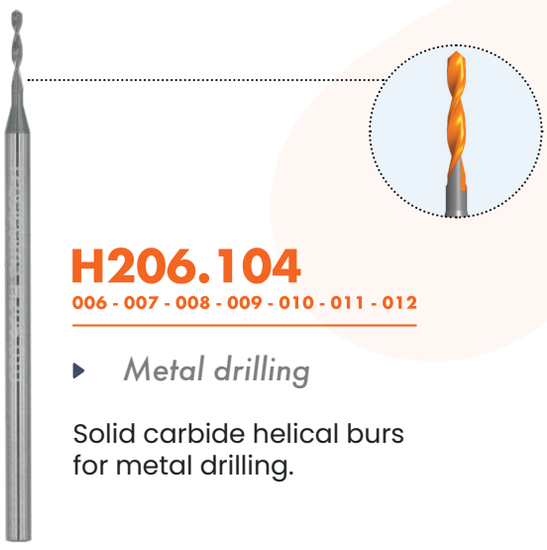
Flexible bristles reduce the risk of breakage and ensure uniform processing.

SMB 22M

- *Natural buffalo hair*

Soft buffalo hair brushes, as soft as goat hair but significantly more durable.

Metal drilling



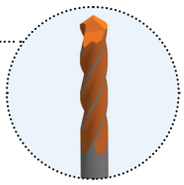
H206.104

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

- *Metal drilling*

Solid carbide helical burs for metal drilling.

Pearl drilling



H206B.104

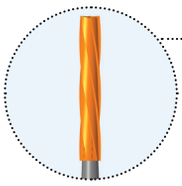
008 - 010 - 012

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



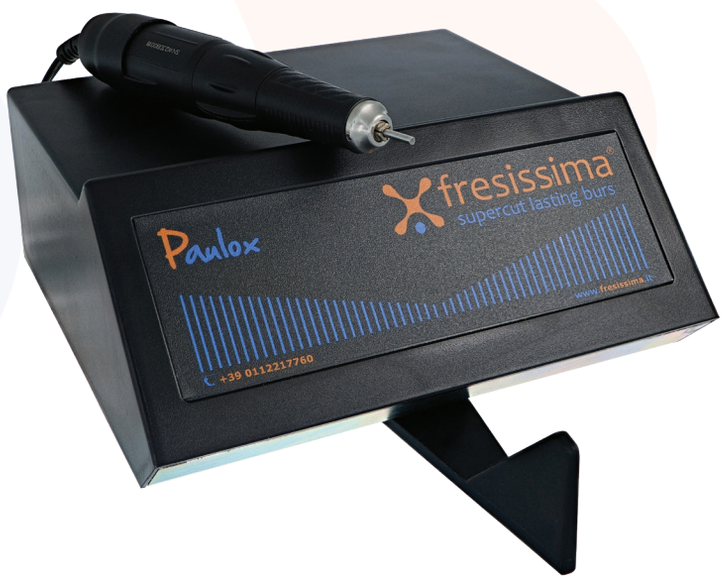
H21XL

006 - 008 - 010 - 012

Solid tungsten carbide

Cylindrical bur excellent for refining holes.

Usable on any metal and pearls.



PAULOX

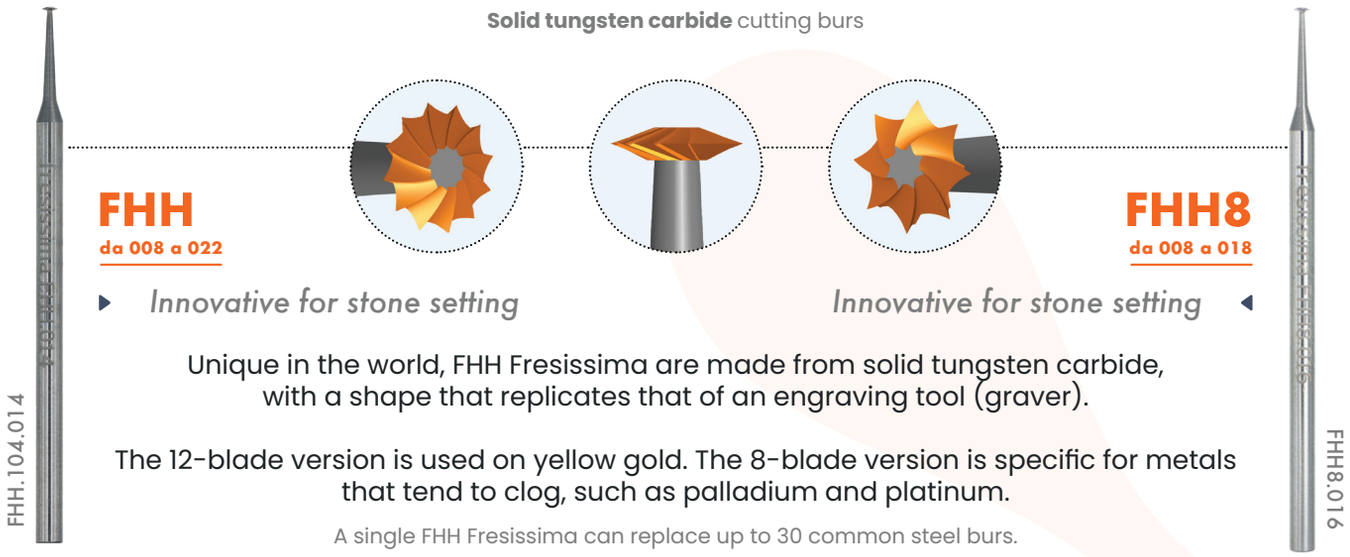
Bench micromotor

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

Rotation speed: 3,000–30,000 rpm.

Stone setting

Solid tungsten carbide cutting burs



FHH
da 008 a 022

Innovative for stone setting

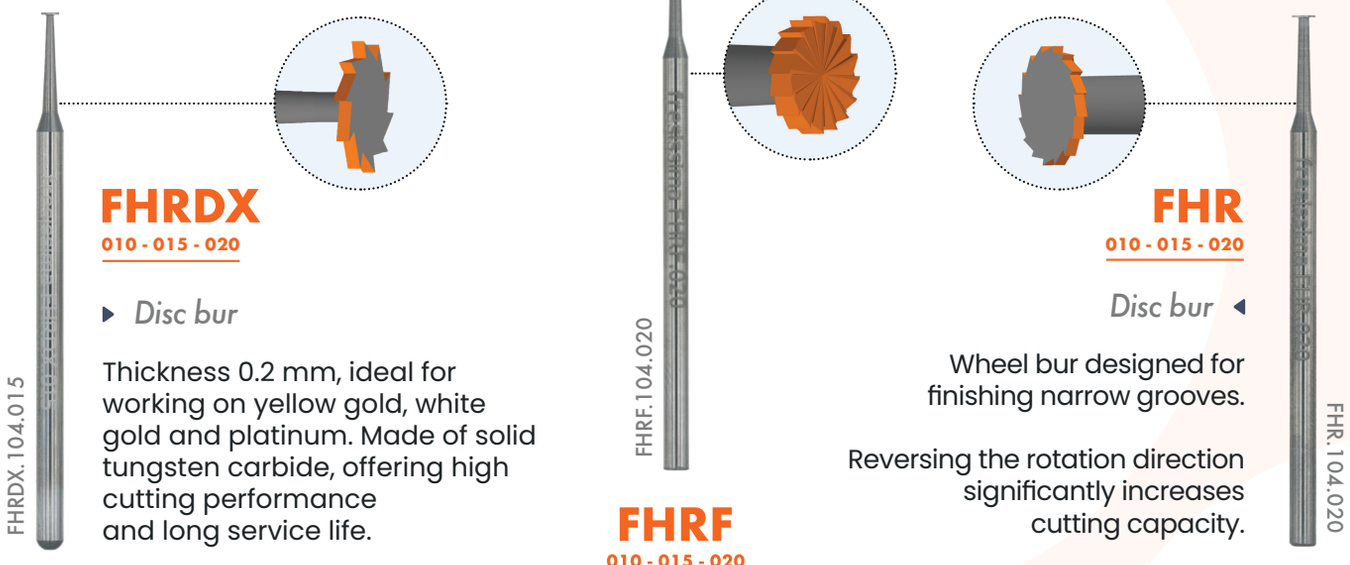
FHH8
da 008 a 018

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.



FHRDX
010 - 015 - 020

Disc bur

Thickness 0.2 mm, ideal for working on yellow gold, white gold and platinum. Made of solid tungsten carbide, offering high cutting performance and long service life.

FHRF
010 - 015 - 020

Disc bur

FHR
010 - 015 - 020

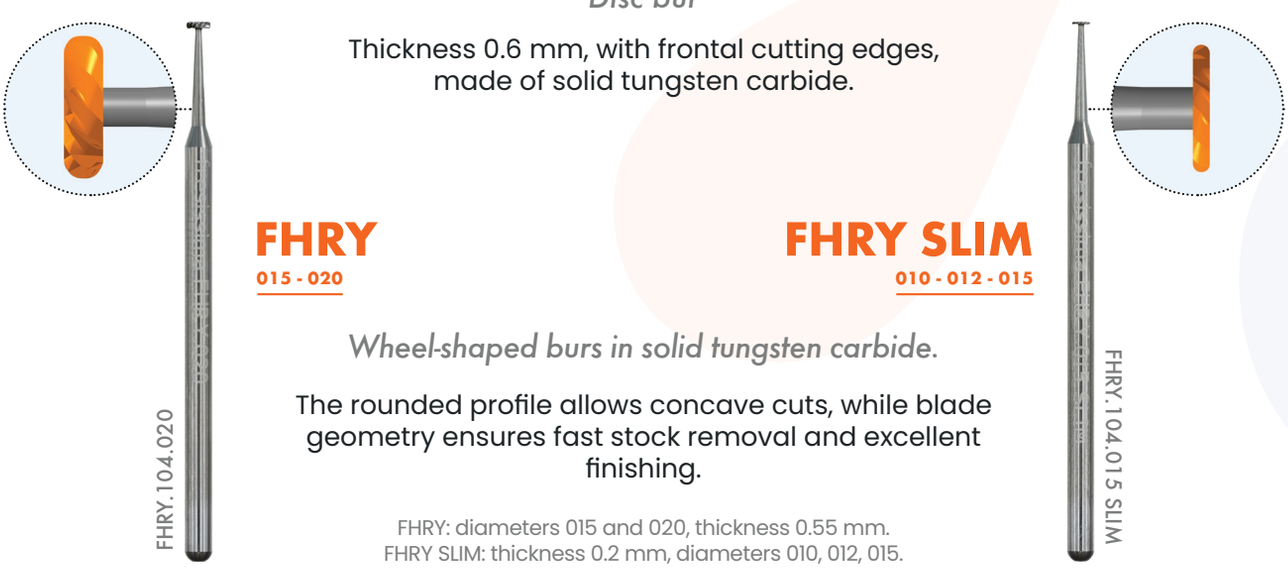
Disc bur

Wheel bur designed for finishing narrow grooves.

Reversing the rotation direction significantly increases cutting capacity.

Thickness: 0.2 mm

Thickness 0.6 mm, with frontal cutting edges, made of solid tungsten carbide.



FHRY
015 - 020

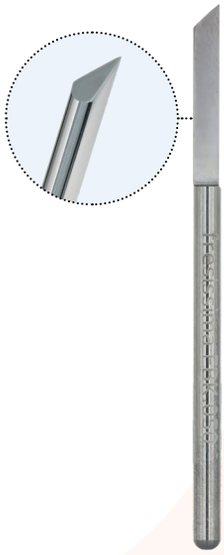
FHRY SLIM
010 - 012 - 015

Wheel-shaped burs in solid tungsten carbide.

The rounded profile allows concave cuts, while blade geometry ensures fast stock removal and excellent finishing.

FHRY: diameters 015 and 020, thickness 0.55 mm.
FHRY SLIM: thickness 0.2 mm, diameters 010, 012, 015.

Stone setting

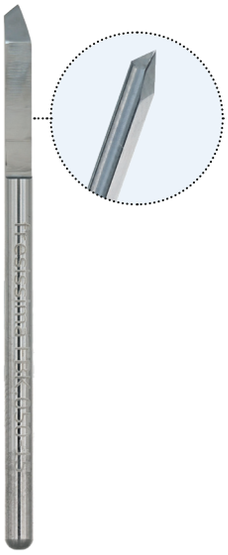


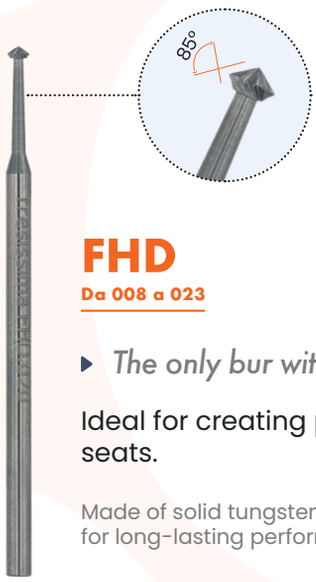
FBK 050 / FBK 050 - 15

Solid tungsten carbide gravers

For pneumatic engraving tools.
High wear resistance and excellent finishing quality.

Angle 50°; version 15 features an inclined tip
for easier straight-line cutting.





FHD

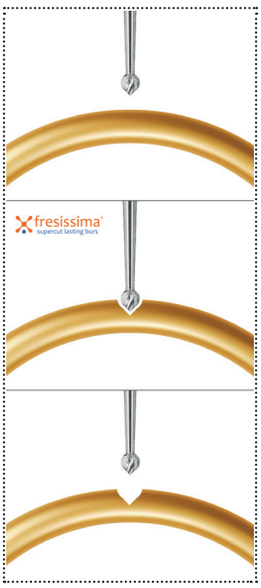
Da 008 a 023

The only bur with 85 ° side angle

Ideal for creating precise stone seats.

Made of solid tungsten carbide
for long-lasting performance.

FHD.104.020



FHPE

Da 008 a 018

Innovative bur for pavé setting

Drilling tip and spherical countersink — two burs in one.

Solid tungsten carbide

FHPE.104.016

HXU35E

Da 008 a 014

Reverse cone bur with cross cut

Designed for working in corners.

Solid tungsten carbide for
precision and durability.

HXU35E.104.012

C1

Da 005 a 040

Ball burs in solid tungsten carbide

Optimized geometry reduces vibration,
and chatter, producing smooth
and uniform surfaces.

C1.104.022

Tools sharpening

Abrasive mills for shapeing hard metal tools

ZIRCSTONE 716HP

ZIRCSTONE LENTE

ZIRCSTONE SLIM

Very high wear resistance

Extremely abrasive diamond wheels for shaping hard metal tools.
Available in multiple shapes for tool preparation and resharpening.

GEMINI RUOTA F

GEMINI RUOTA SF

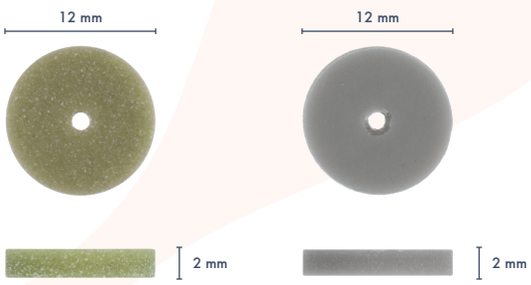
Essential for final polishing of hard metal tools

Diamond-coated, extremely durable, compact
compound prevents groove formation.

Metal polishing next to stones

0306 MINI / MINI F

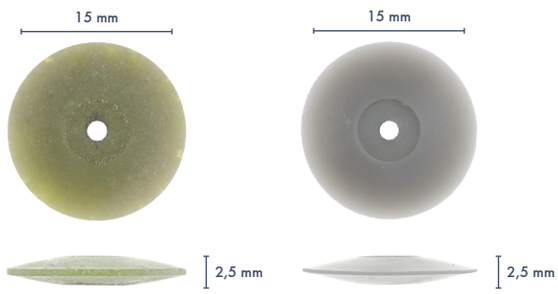
Wheel shape



0306 MINI | 0306 MINI F

0307 MINI / MINI F

Lenticular shape



0307 MINI | 0307 MINI F

Rubber polishers for finishing and polishing metal near gemstones.
Non-aggressive compound prevents scratching or damagingeven softer stones.

Metal polishing

Diamond polishing

9692 PEEK LENTE

9692 PEEK GALAXY

Extra-fine diamond

Extra-fine diamond rubber polishers for fast bright finishing of all metals.

Very low wear.

Lens shape for channels, Galaxy shape for irregular surfaces.

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.

PUNTA

PIATTA

SP 80x40

Boar bristle brushes

They absorb polishing pastes very well

They do not shed bristles.

Layered rubber

Layered rubber and fabric brushes,
very compact and wear-resistant.

DG GREY

1° STEP

Ø 22 mm

DG MINI BROWN

2° STEP

Ø 15 mm

DG GREY 100

1° STEP

Ø 100 mm

DG BROWN 60

2° STEP

Ø 60 mm

Gemstones cutting

The only burs in the world manufactured with tungsten carbide blades coated with diamond.

The perfect concentricity of tungsten carbide, combined with the high abrasive capacity of diamond, results in a line of drills and burs designed for machining high-hardness stones.

H206DIA.104.014

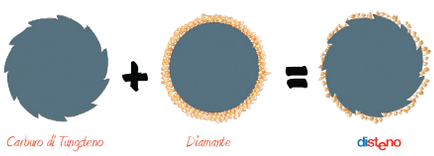
010 - 012 - 014

Specifically designed for the drilling of hard stones.

H7859L.DIA

012 - 016

Tapered bur designed for the regrinding and calibration of pre-drilled holes.



SINTYGOLD

SINTYGOLD MINI

Thin sintered diamond discs

Fully diamond sintered rim ensures long service life.

Diameters 20 mm and 12 mm, thickness 0.15 mm.

222T.02 DIA

Reinforced carborundum disc with diamond

Suitable for fast cutting of stones of various hardness.

DUROFLEX

DUROSINT

Sintered diamond discs

Ideal for side abrasion and cutting hard stones, extremely wear-resistant.

22 mm diameter - Thickness 0.25 mm (Duroflex), 0.35 mm (Durosint).

Stone touch-up and polishing

SISTEMA DIALUX

Three-step diamond system

9690.104.260
"ABRASION"

1° STEP

9691.104.260
"POLISHING"

2° STEP

9692.104.260
"EXTRA-FINE POLISHING"

3° STEP

Suitable for all types of precious and semi-precious stones.

DIALUX SLIM

Sintered diamond system

Ultra-thin profile version.

9691 HP SLIM

1° STEP

9692 HP SLIM

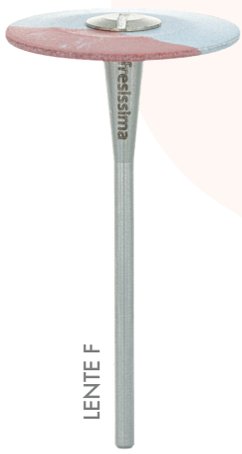
2° STEP

Stone repair and polishing

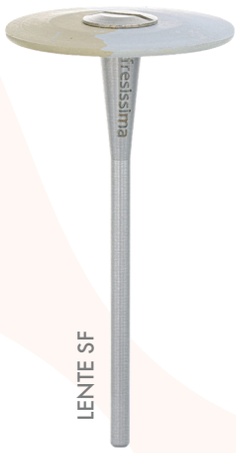
GEMINI LENTE

Sintered three-step diamond system

1° STEP



2° STEP



3° STEP

Three-step diamond system, optimal at 5000 rpm,
reducing overheating and allowing safe work on heat-sensitive stones.

SISTEMA GEMINI

Sintered diamond system

GEMINI RUOTA C
"ABRADES"

1° STEP

GEMINI RUOTA F
"SMOOTHES"

2° STEP

GEMINI RUOTA SF
"POLISHES"

3° STEP

vers.03/26

fresissima