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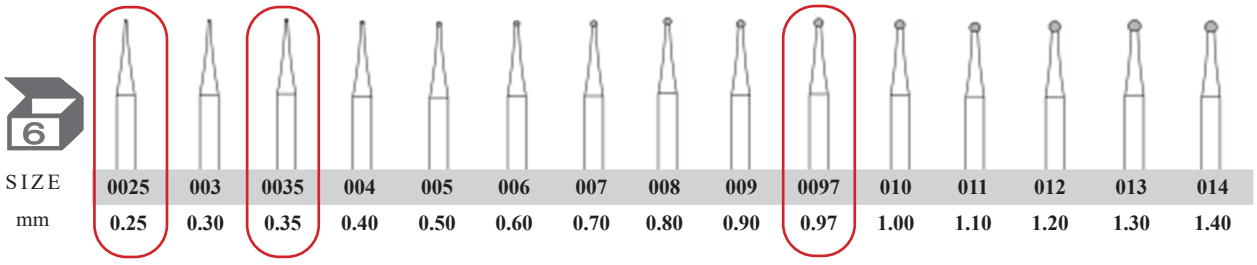
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Dental Lab Steel Burs (Handpiece)

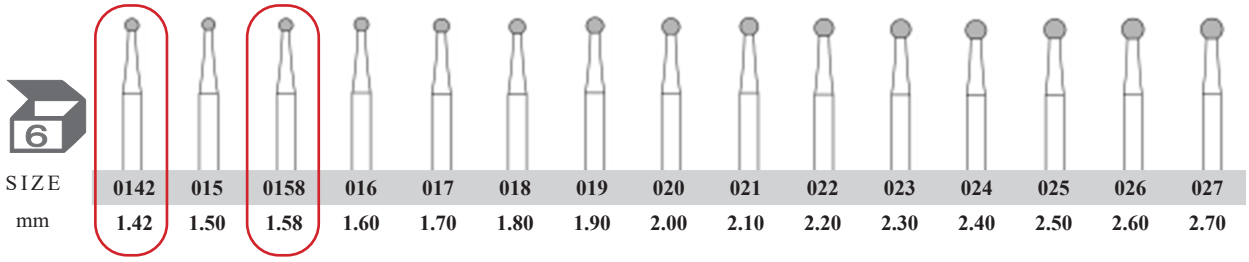
Fig. 1



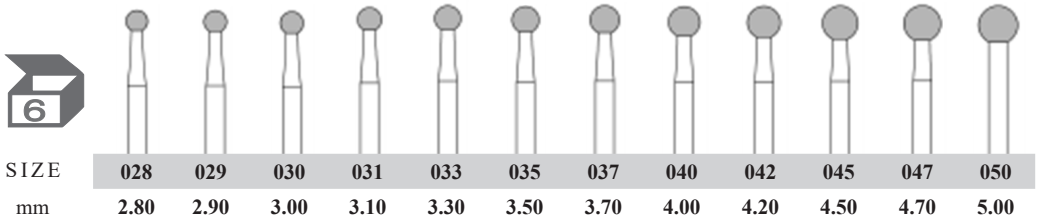
Round / Ronda



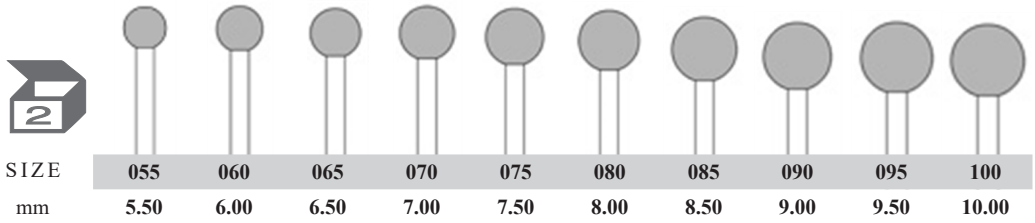
SIZE	0025	003	0035	004	005	006	007	008	009	0097	010	011	012	013	014
mm	0.25	0.30	0.35	0.40	0.50	0.60	0.70	0.80	0.90	0.97	1.00	1.10	1.20	1.30	1.40



SIZE	0142	015	0158	016	017	018	019	020	021	022	023	024	025	026	027
mm	1.42	1.50	1.58	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70



SIZE	028	029	030	031	033	035	037	040	042	045	047	050
mm	2.80	2.90	3.00	3.10	3.30	3.50	3.70	4.00	4.20	4.50	4.70	5.00

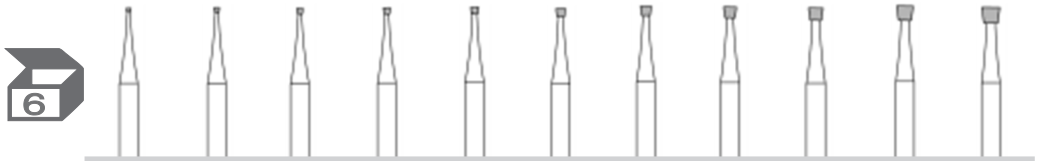


SIZE	055	060	065	070	075	080	085	090	095	100
mm	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00

Fig. 3



Inverted cone / Cono invertido

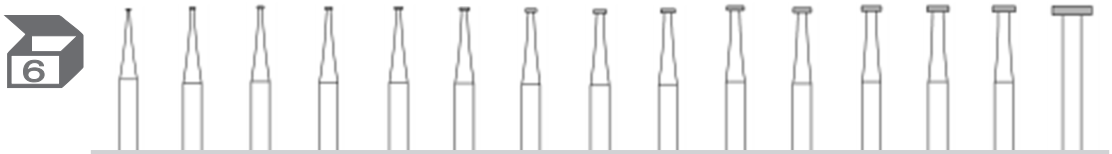


SIZE	006	007	008	009	010	012	014	016	018	021	023
mm	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.60	1.80	2.10	2.30

Fig. 2

Wheel / Rueda

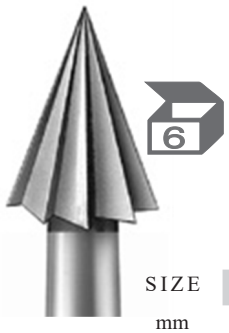




SIZE	006	007	008	009	010	012	014	016	018	021	023	025	027	029	050
mm	0.60	0.07	0.08	0.09	1.00	1.20	1.40	1.60	1.80	2.10	2.30	2.50	2.70	2.90	5.00

Fig. 5

Pointed / Puntiagudo



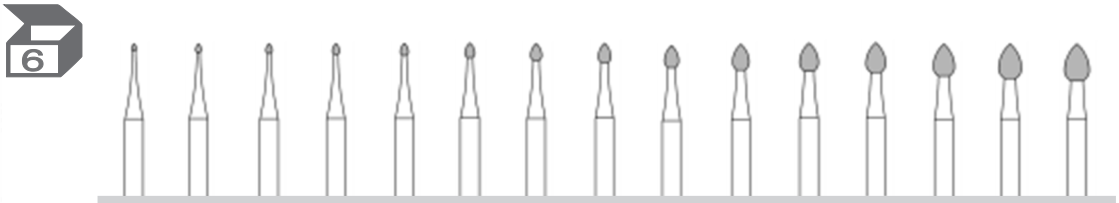


SIZE	009	010	012	014	016	018	021	023	025	027	029	031	033	035	040	045	050
mm	0.90	1.00	1.20	1.40	1.60	1.80	2.10	2.30	2.50	2.70	2.90	3.10	3.30	3.50	4.00	4.50	5.00

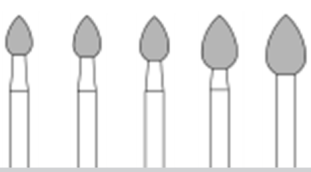
Fig. 6

Bud / Pimpollo





SIZE	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031
mm	0.60	0.07	0.08	0.09	1.00	1.20	1.40	1.60	1.80	2.10	2.30	2.50	2.70	2.90	3.10

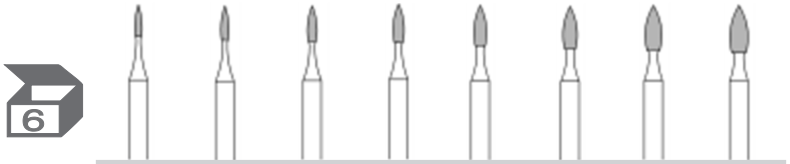


SIZE	033	035	040	045	050
mm	3.30	3.50	4.00	4.50	5.00

Fig. 27A

Flame / flama



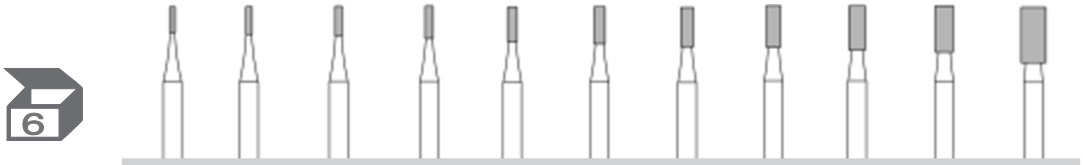


SIZE	009	010	012	014	016	018	021	023
mm	0.90	1.00	1.20	1.40	1.60	1.80	2.10	2.30

Fig. 15

Cylinder / cilíndrico



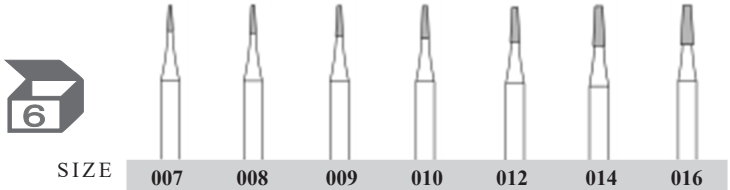


SIZE	007	008	009	010	012	014	016	018	021	023	031
mm	0.70	0.80	0.90	1.00	1.20	1.40	1.60	1.80	2.10	2.30	3.10

Fig. 17

Cone / Conico



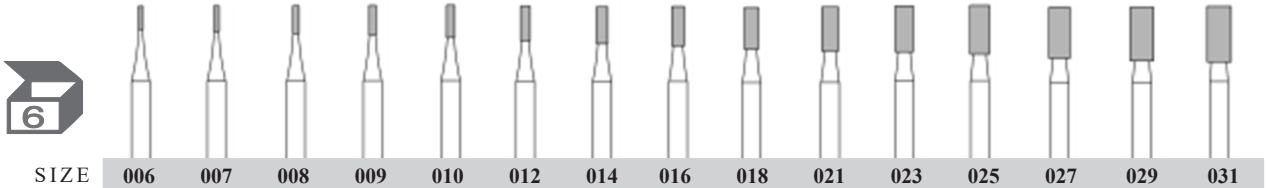


SIZE	007	008	009	010	012	014	016
mm	0.70	0.08	0.90	1.00	1.20	1.40	1.60

Fig. 21

Cylinder / cilíndrico

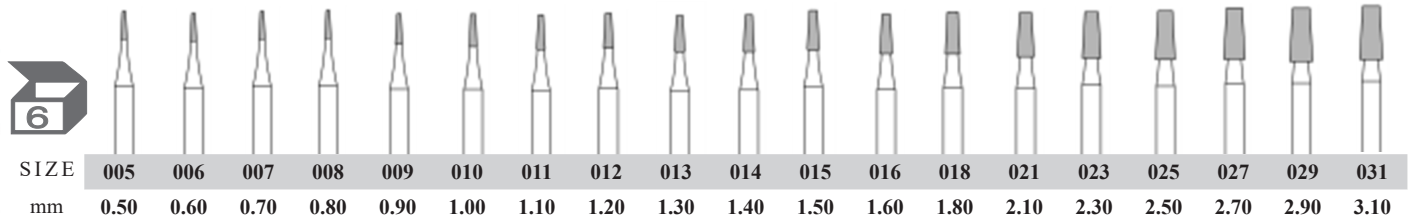




SIZE	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031
mm	0.60	0.70	0.80	0.90	1.00	1.20	1.40	1.60	1.80	2.10	2.30	2.50	2.70	2.90	3.10

Fig. 23 Cone / cónico





SIZE	005	006	007	008	009	010	011	012	013	014	015	016	018	021	023	025	027	029	031
mm	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.80	2.10	2.30	2.50	2.70	2.90	3.10

Fig. 39 Cone / cónico





SIZE	007	008	009	010	014
mm	0.70	0.08	0.90	1.00	1.40

Recommended Speeds for Steel Burs

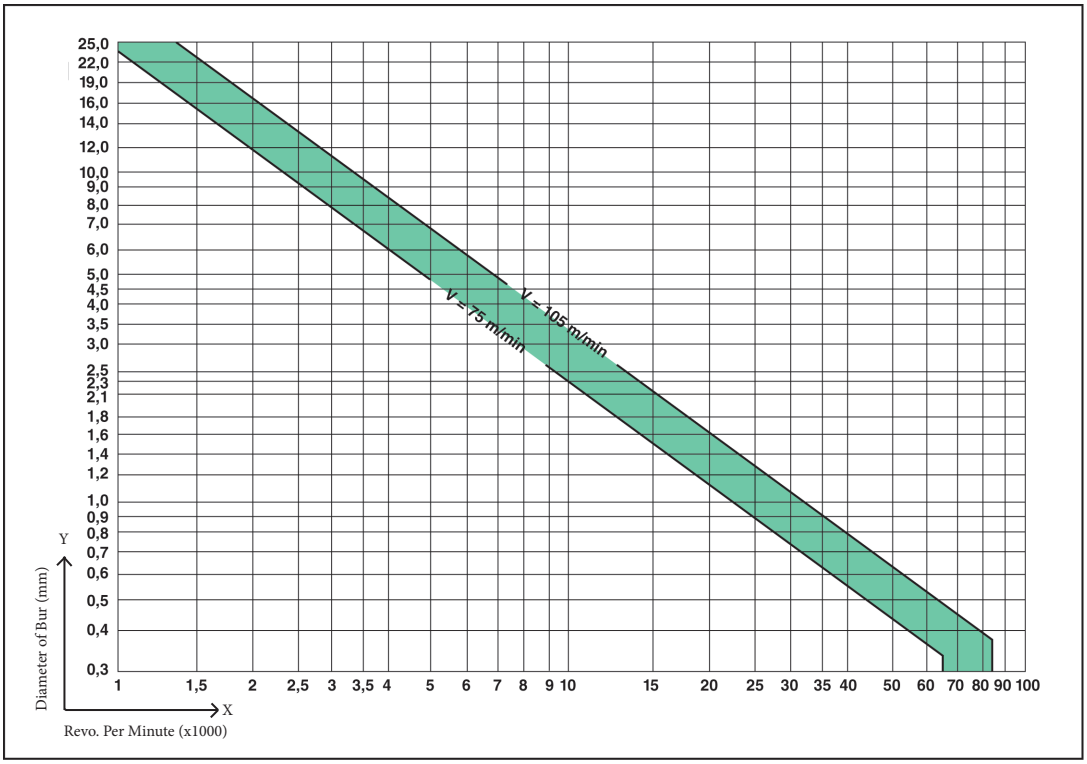
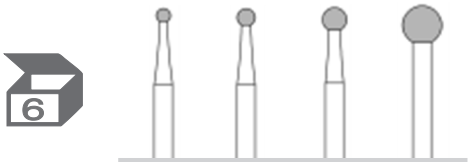


Fig. 260A

Wax burs with 3 blades / fresas p. cera con 3 cortes



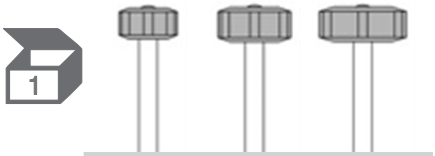


SIZE	018	023	031	050
mm	1.80	2.30	3.10	5.00

Fig. 452RS

Riveting wheels / ruedas de remachar





SIZE	080	100	120
mm	8.00	10.00	12.00

Fig. 452

Ramwheel / rueda de recalcar



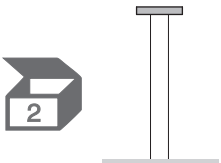


SIZE	100
mm	10.00

Wheel / rueda

Fig. 409

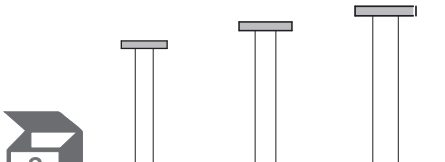




SIZE	060
mm	6.00
Width	1.00

Fig. 409L

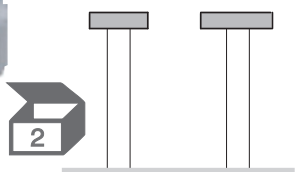




SIZE	060	080	100
mm	6.00	8.00	10.00
Width	2.00	2.00	2.00

Fig. 409XL

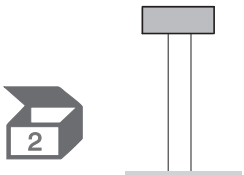




SIZE	080	100
mm	8.00	10.00
Width	3.00	3.00

Fig. 409XXL



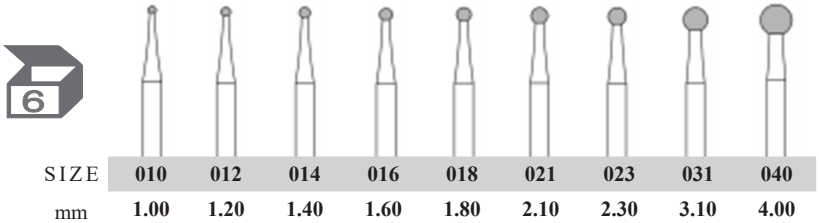


SIZE	100
mm	10.00
Width	4.00

Fig. 145

Round / redonda (Finishing Bur)



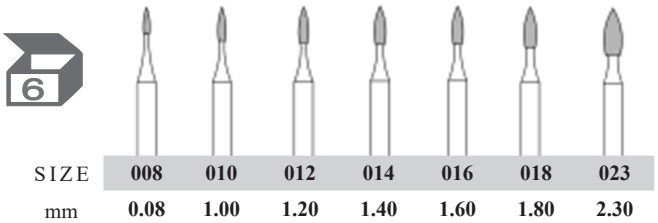


SIZE	010	012	014	016	018	021	023	031	040
mm	1.00	1.20	1.40	1.60	1.80	2.10	2.30	3.10	4.00

Fig. 152

Flame / flama (Finishing Bur)



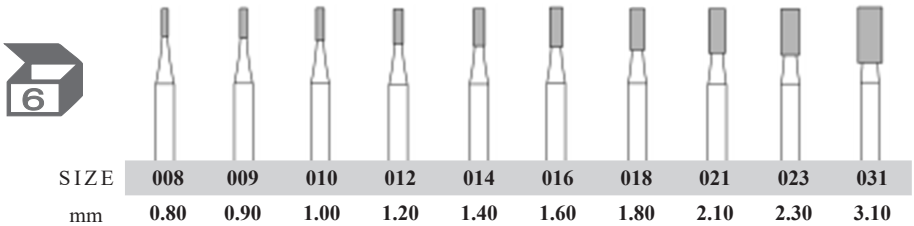


SIZE	008	010	012	014	016	018	023
mm	0.08	1.00	1.20	1.40	1.60	1.80	2.30

Fig. 155

Cylinder / cilindro (Finishing Bur)



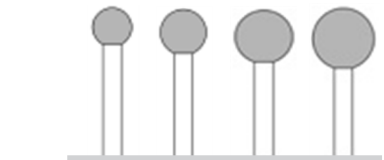


SIZE	008	009	010	012	014	016	018	021	023	031
mm	0.80	0.90	1.00	1.20	1.40	1.60	1.80	2.10	2.30	3.10

Fig. 196

Round / redonda *not for medical use



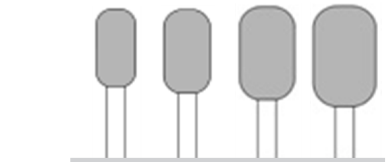


SIZE	050	060	070	080
mm	5.00	6.00	7.00	8.00

Fig. 197

Cylinder / cilindro *not for medical use





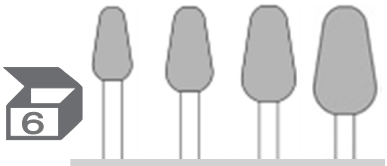
SIZE	050	060	070	080
mm	5.00	6.00	7.00	8.00

Steel Acrylic and Plaster Cutters HP

Fig. 200A

Bud / pimpollo *not for medical use



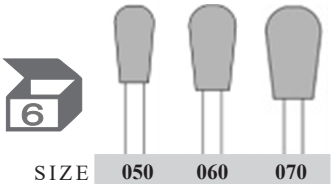


SIZE	050	060	070	080
mm	5.00	6.00	7.00	8.00

Fig. 201

Pear / pera *not for medical use



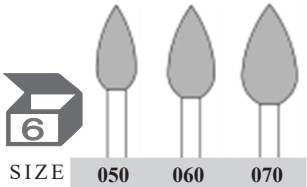


SIZE	050	060	070
mm	5.00	6.00	7.00

Fig. 200B

Flame / flama *not for medical use



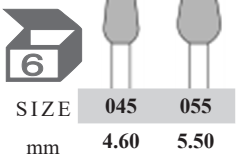


SIZE	050	060	070
mm	5.00	6.00	7.00

Fig. 79

Bud / pimpollo *not for medical use



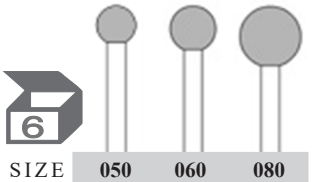


SIZE	045	055
mm	4.60	5.50

Fig. 219

Round / redonda *not for medical use



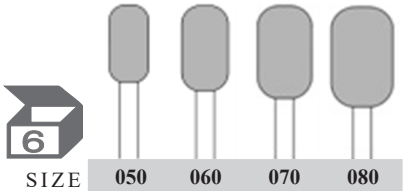


SIZE	050	060	080
mm	5.00	6.00	8.00

Fig. 216

Cylinder / cilindro *not for medical use



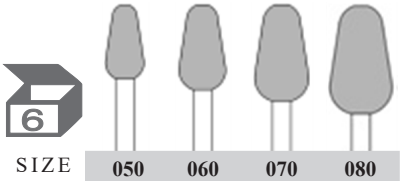


SIZE	050	060	070	080
mm	5.00	6.00	7.00	8.00

Fig. 218

Bud / pimpollo *not for medical use





SIZE	050	060	070	080
mm	5.00	6.00	7.00	8.00

Steel Twist Drills HP

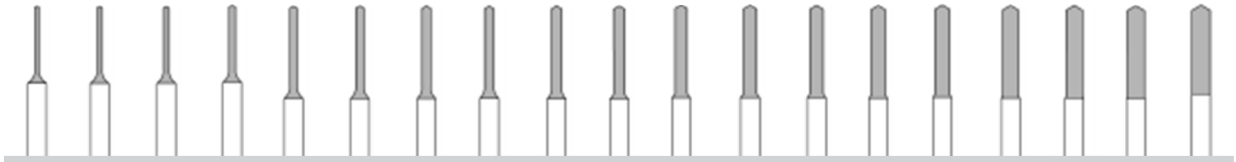
Fig. 77 **Twist-drill / fresa helicoidal de acero para herramientas** (High Flexibilty)





TOP VEIW





SIZE	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
mm	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30

High Speed Steel Twist Drills HP

Fig. 203HSS **Twist-drill / fresa helicoidal de acero para herramientas** (High Temperature Stability)





TOP VIEW



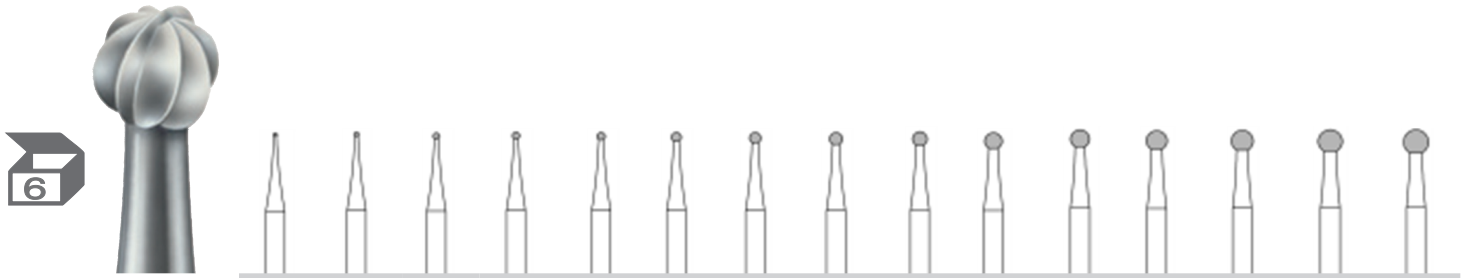


SIZE	005	006	007	008	009	010	011	012	013	014	015	016
mm	0.50	0.60	0.70	0.80	0.80	0.90	1.00	1.20	1.30	1.40	1.50	1.60

Dental / Dental Lab Steel Excavating Burs (RA)

Fig. 1

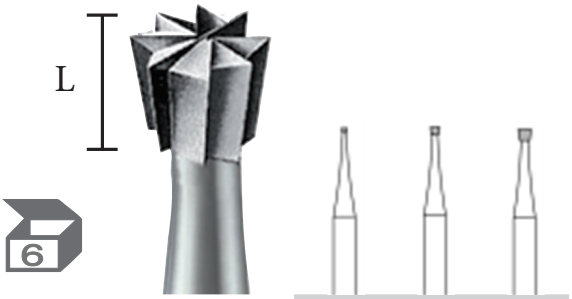
Round



RA	005	006	008	009	010	012	014	016	018	021	023	025	027	029	031
RA-L					010	12	014	016	018	021	023				
RA-XL													027		

Fig. 3

Inverted Cone



RA	006	010	014
L mm	0.53	0.88	1.24

Fig. 23

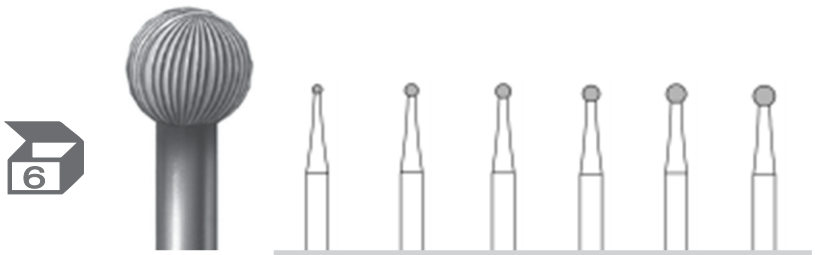
Cross-Cut Cone



RA	008	010	012	016	021
L mm	3.60	4.20	4.50	5.10	5.70

Dental / Dental Lab Steel Finishing Burs (RA)

Fig. 145 Round



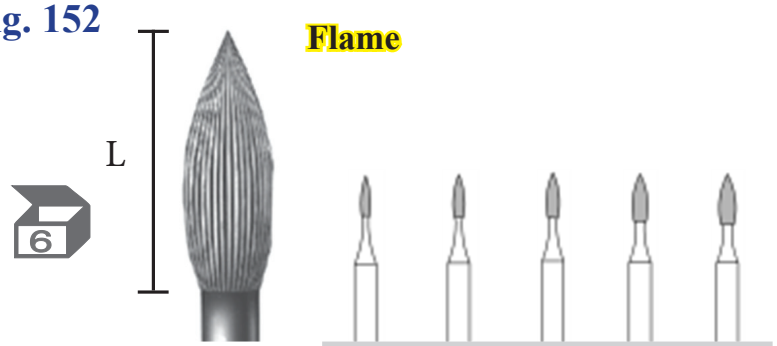
RA	010	014	016	018	021	023
L mm	1.00	1.40	1.60	1.80	2.10	2.30

Fig. 149 Pear



RA	014	018
L mm	1.70	2.20

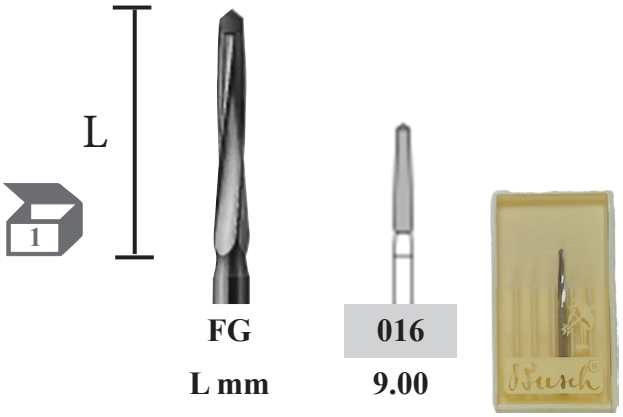
Fig. 152 Flame



RA	010	012	014	016	018
L mm	4.40	4.70	5.00	5.25	5.50

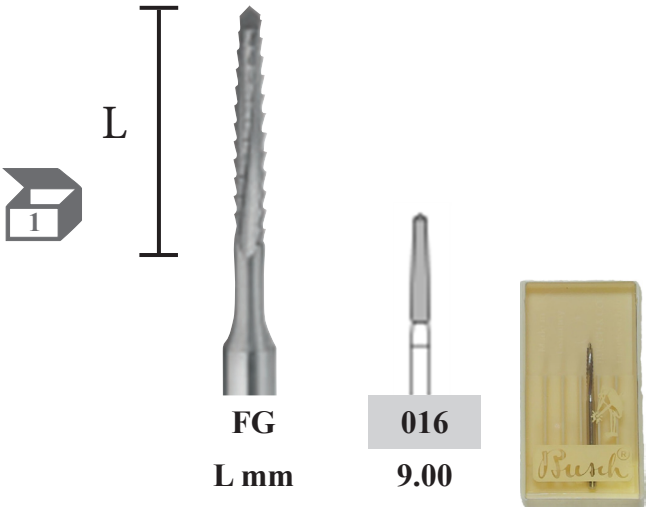
Lindemann Bone Cutters

Fig. 161RS



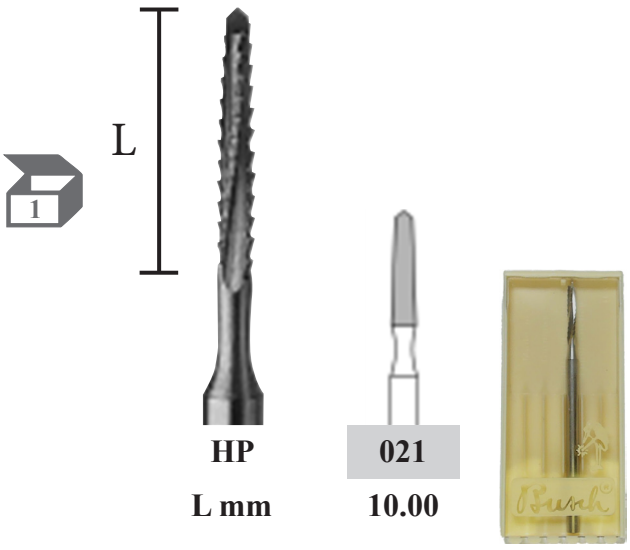
FG	016
L mm	9.00

Fig. 162RS



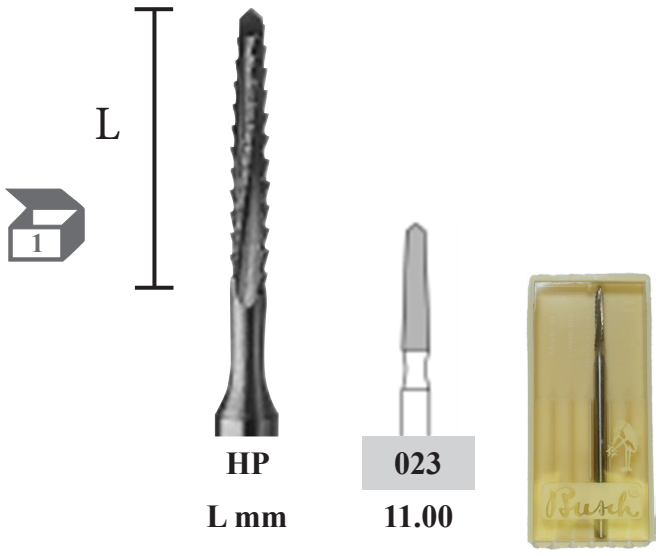
FG	016
L mm	9.00

Fig. 166RS



HP	021
L mm	10.00

Fig. 167RS



HP	023
L mm	11.00

RS* = Stainless Steel

Mandrels

Disc Mandrels

Fig. 303

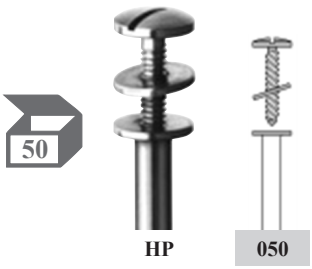


Fig. 303RS

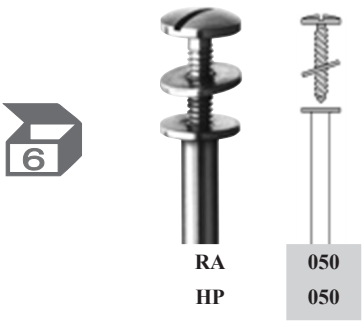
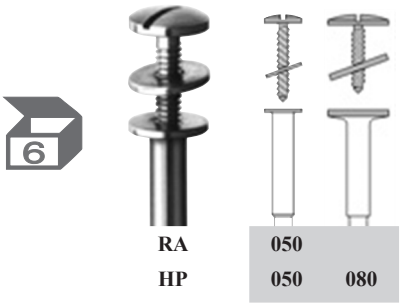


Fig. 305RS



Mandrels for Polishing Cylinders

Fig. 301LRS

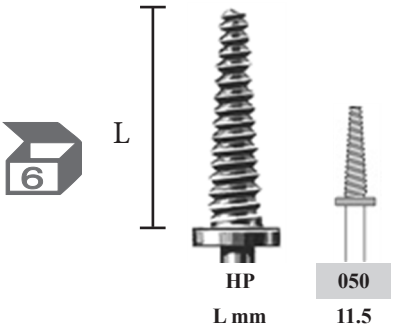
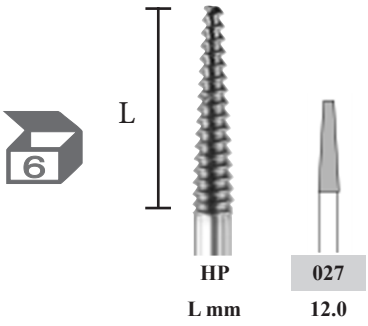
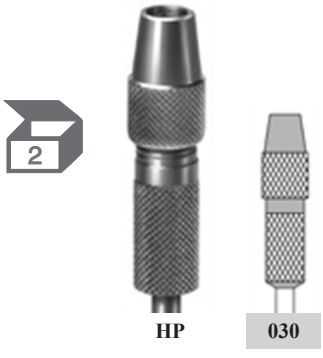


Fig. 329



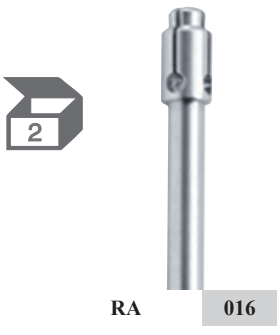
Mandrel for Polishing Pins and Brushes

Fig. 324RS



Mandrel for Soft Discs

Fig. 312RS

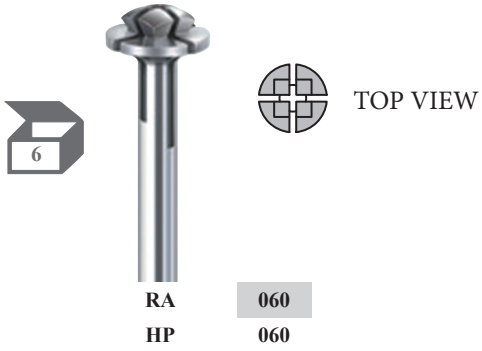


RS* = Stainless Steel

Mandrels

Mandrel for Paper Disc with Metal Center

Fig. 313RS



Paper Disc Mandrel

Fig. 311RS



Sandpaper Strip Mandrels

Fig. 314RS

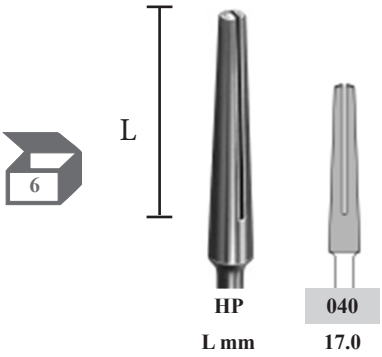


Fig. 318RS

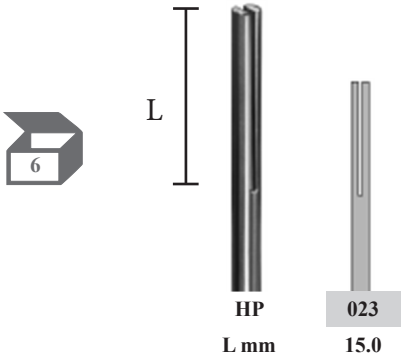


Fig. 315RS

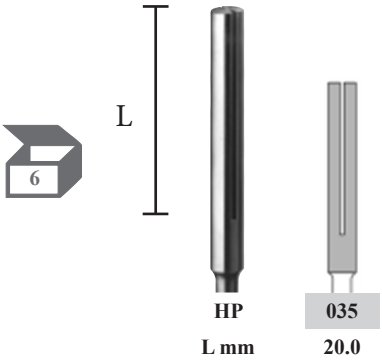
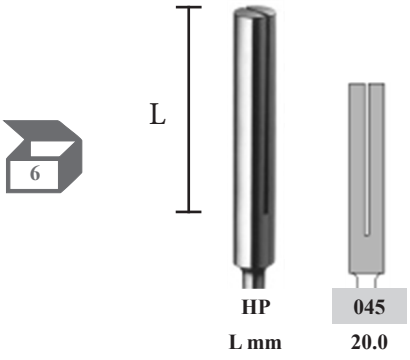
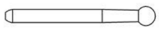
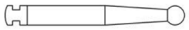
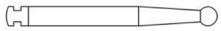
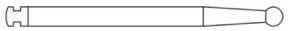
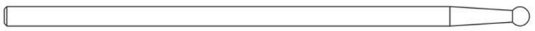


Fig. 316RS



RS* = Stainless Steel

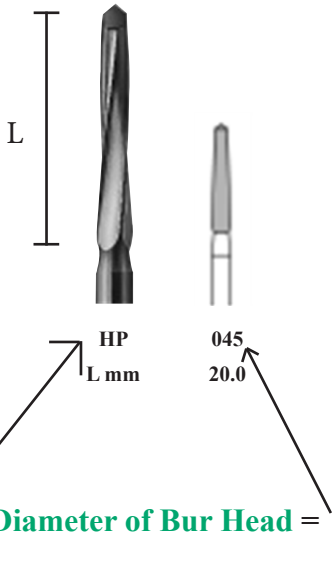
Shank Types and Product Layout

	Shank Type	Shank Diameter	Overall Length	ISO
	FG	1.60 mm	19.0 mm	314
	FG -XL	1.60 mm	25.0 mm	316
	RA	2.35 mm	22.0 mm	204
	RA-L	2.35 mm	26.0 mm	205
	RA-XL	2.35 mm	34.0 mm	206
	HP-SHORT	2.35 mm	34.0 mm	103
	HP	2.35mm	44.5 mm	104
	HP-L	2.35 mm	64.5 mm	105



= Number of Pieces in a Pack





L = Length of the Working Part or the Bur Head

Shank Type =

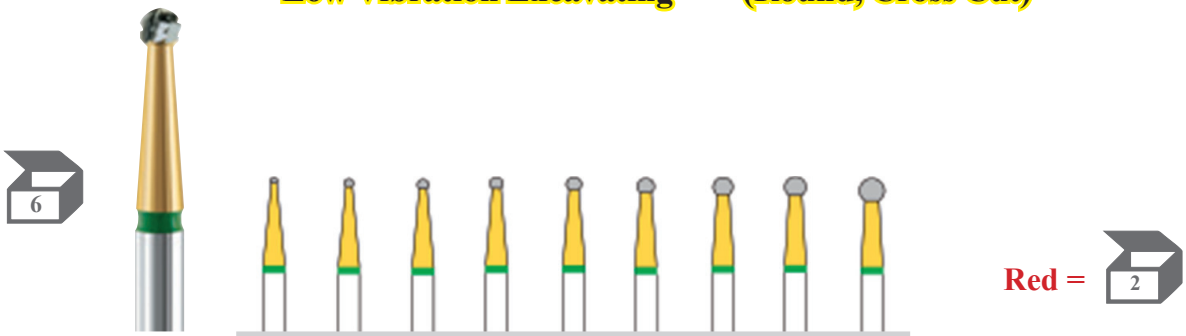
Diameter of Bur Head =

Dental Excavating and Fissure Carbide Burs

Cavity Prep

Fig. 1SX

Low Vibration Excavating (Round, Cross Cut)

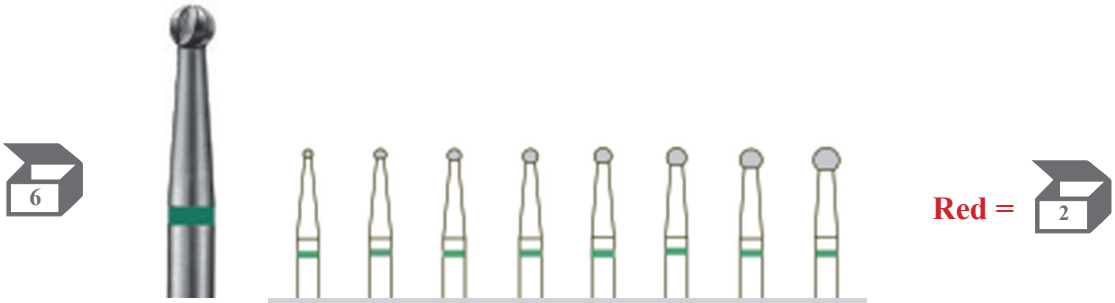


RA	008	010	012	014	016	018	021	023	27
RA-L		010		014		018		023	027

Red = 2

Fig. 1S

Fast Excavating (Round)



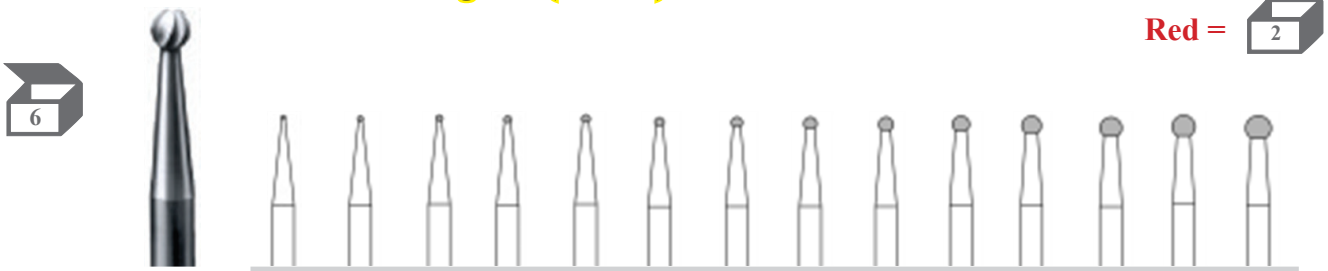
FG	010	012	014	016	018	021	023	
RA	010	012	014	016	018	021	023	027
RA-L	010		014		018		023	027

Red = 2

Fig. 1

Excavating (Round)

Red = 2



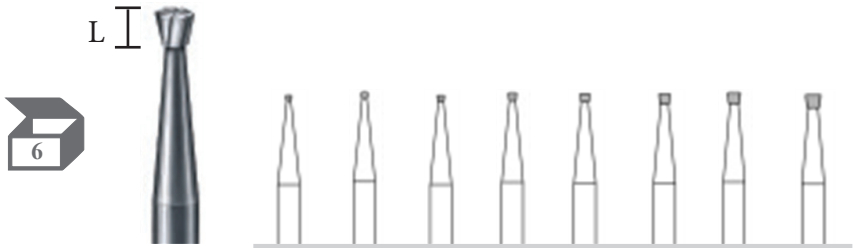
FG	005	006	007	008	009	010	012	014	016	018	021	023	025	027
RA		006	007	008	009	010	012	014	016	018	021	023	025	027

Dental Excavating and Fissure Carbide Burs

Cavity Prep

Fig. 3

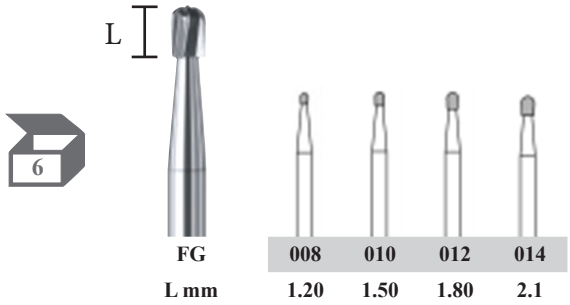
Excavating (Inverted Cone)



FG	006	007	008	009	010	012	014	016
RA						012		
L mm	0.50	0.60	0.70	0.80	0.90	1.10	1.20	1.40

Fig. 3U

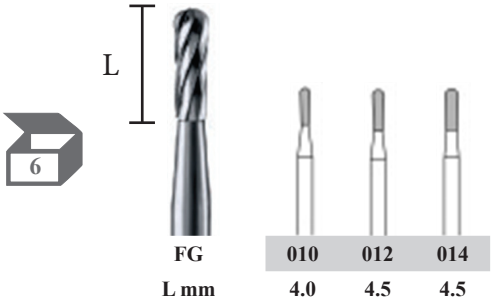
Excavating (Pear)



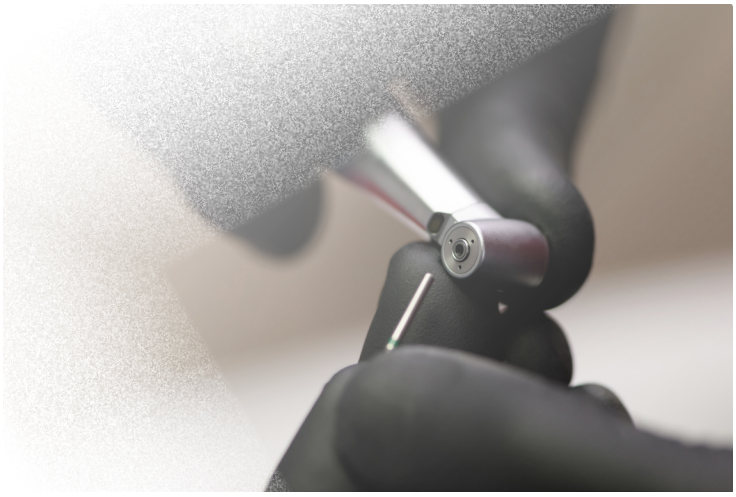
FG	008	010	012	014
L mm	1.20	1.50	1.80	2.1

Fig. 25R

Fissure (Round Cone)



FG	010	012	014
L mm	4.0	4.5	4.5

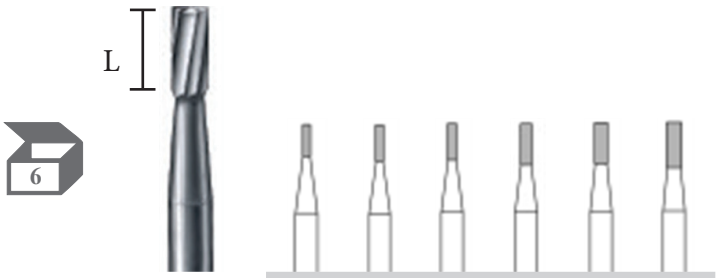


Dental Excavating and Fissure Carbide Burs

Cavity Prep

Fig. 15

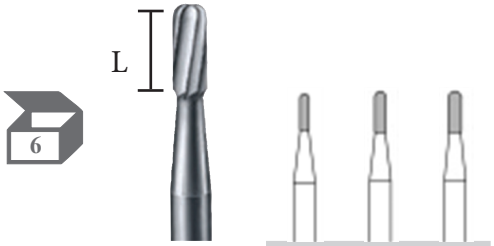
Fissure (Cylinder)



FG	008	009	010	012	014	016
RA			010	012	014	
L mm	3.5	4.0	4.0	4.5	4.5	5.0

Fig. 15U

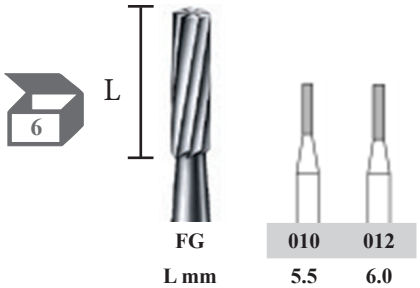
Fissure (Round Cylinder)



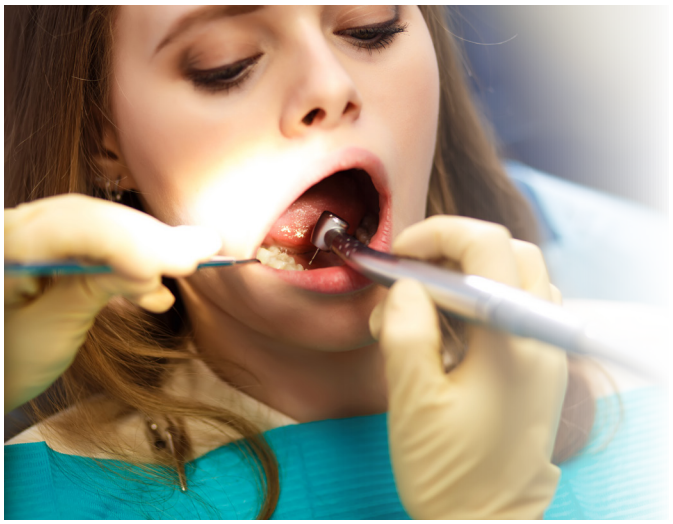
FG	010	012	014
L mm	4.0	4.5	4.5

Fig. 15L

Fissure (Long Cyclinder)



FG	010	012
L mm	5.5	6.0



Dental Excavating and Fissure Carbide Burs

Cavity Prep

Fig. 21

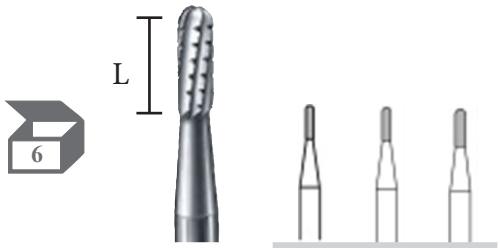
Fissure (Cylinder Cross-Cut)



FG	008	010	012	014	016
L mm	3.5	4.0	4.5	4.5	5.0

Fig. 21U

Fissure (Round Cylinder Cross-Cut)



FG	010	012	014
L mm	4.0	4.5	4.5

Fig. 21L

Fissure (Long Cylinder Cross-Cut)



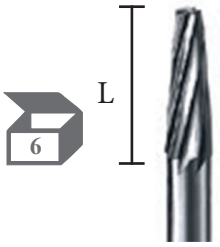
FG	010	012
L mm	5.5	6.0

Dental Excavating and Fissure Carbide Burs

Cavity Prep

Fig. 17

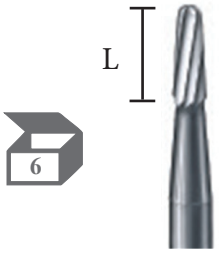
Fissure (Cone)



FG	008	010	012	014
RA				014
L mm	3.5	4.0	4.5	4.5

Fig. 17U

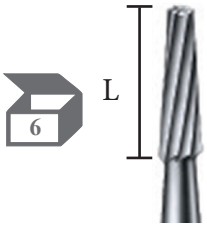
Fissure (Round Cone)



FG	010	012	014	
RA		012	014	016
L mm	4.0	4.5	4.5	5.0

Fig. 17L

Fissure (Long Cone)



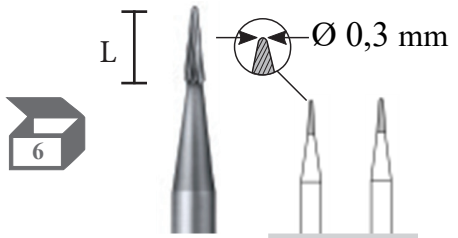
FG	010	012
L mm	5.5	6.0

Dental Excavating and Fissure Carbide Burs

Cavity Prep

Fig. 23SR

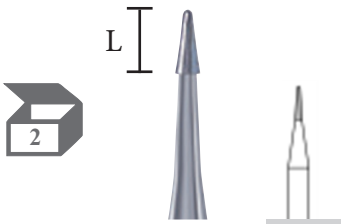
Fissure (Round Slender Cone)



FG	008	010
L mm	4.0	4.0

Fig. 59

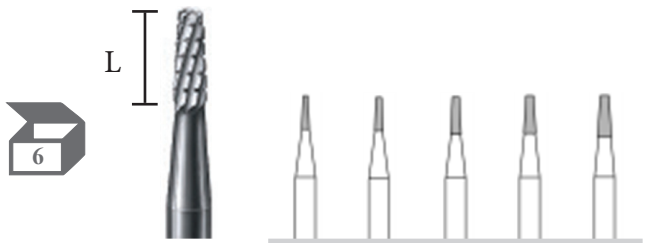
(Cone), Cutting Tip, Minimally Invasive Fissure Opening



FG	010
L mm	2.5

Fig. 23

Fissure (Cross-Cut Cone)



FG	009	010	012	014	016
RA					016
L mm	4.0	4.0	4.5	4.5	5.0

Fig. 23U

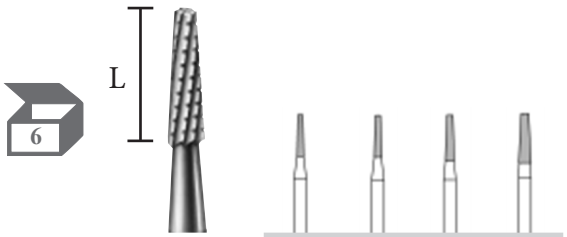
Fissure (Cross-Cut Round Cone)



FG	010	012	016
L mm	4.0	4.5	5.0

Fig. 23L

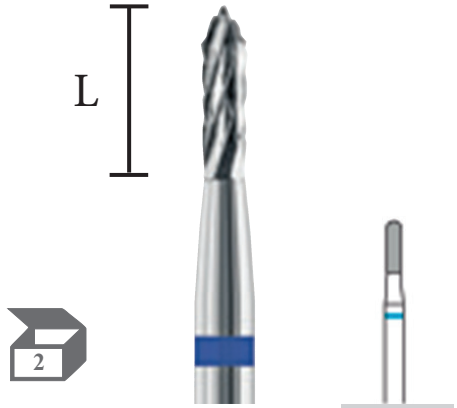
Fissure (Cross-Cut Long Cone)



FG	009	010	012	016
L mm	5.5	5.5	6.0	6.0

Amalgam Removing Carbide Bur

Fig. 32HG



FG	012
L mm	4.5

Single Cut

Fast Amalgam Remover
Cut and shaped to reduce heat and vibration, removing amalgam fillings quickly keeping the patient comfortable

Enamel Shaving Carbide Bur

Fig. 400LRA



FG	014
L mm	7.5

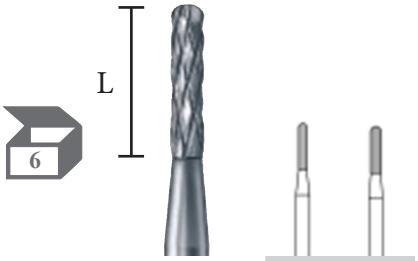
Safe End

This carbide enamel shaver reduces vibration and heat during removal of bone /enamel close to the gum line, reducing patient chair time and maximizing patient comfort.

Dental Crown Cutting Carbide Burs

Fig. 21RX

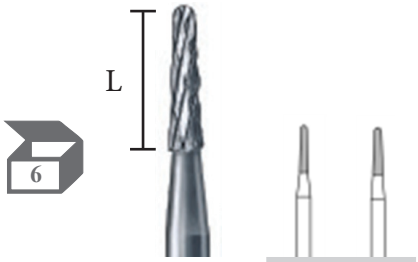
(Cross-Cut Rounded Cylinder)



FG	010	012
L mm	5.6	5.6

Fig. 23RX

(Cross-Cut Rounded Cone)



FG	010	012
L mm	5.6	5.6

Fig. 34

(Fine Cross-Cut Rounded Cylinder)

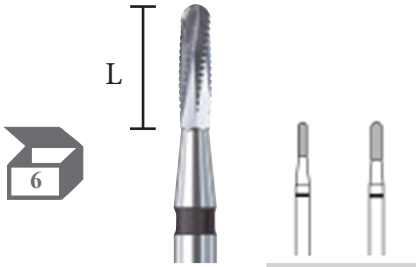
Short Working Length



FG	010	012
L mm	2.0	2.0

Fig. 36R

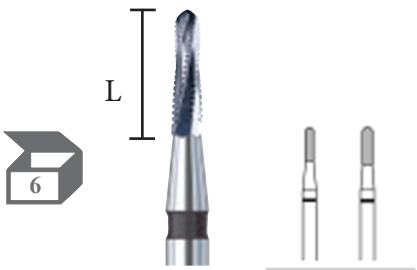
(Fine Cross-Cut Rounded Cylinder)



FG	010	012
L mm	4.0	4.5

Fig. 38R

(Fine Cross-Cut Rounded Cone)



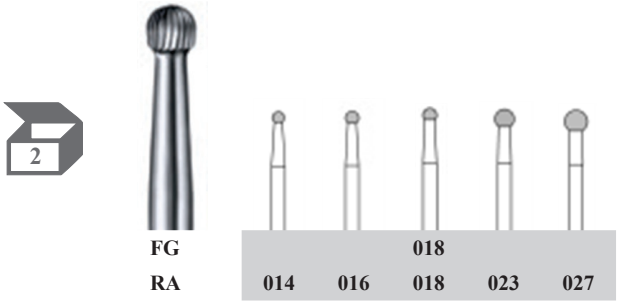
FG	010	012
L mm	4.0	4.5

Dental Finishing Carbide Burs

Cavity Prep and Filling Removal

Fig. 41

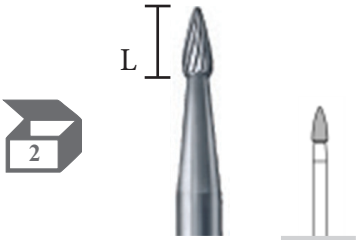
(Round)



FG			018		
RA	014	016	018	023	027

Fig. 45

(Rounded Bud)



FG		018
RA		018
L mm		4.0

Fig. 44E

(Egg Shape)



FG	014	018	023
RA	014	018	023
L mm	2.9	3.5	4.2

Fig. 46

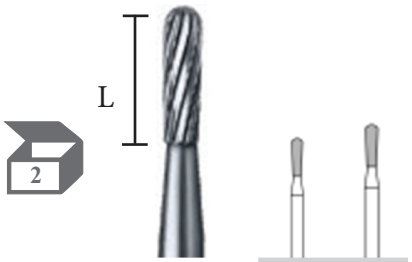
(Pointed Bud)



FG	009	012	014	018	023
RA			014		
L mm	2.4	3.3	3.3	3.6	4.1

Fig. 47L

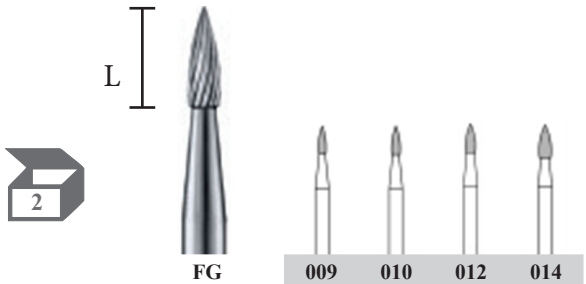
(Slender Pear)



FG	010	012
L mm	4.0	4.5

Fig. 48

(Flame)



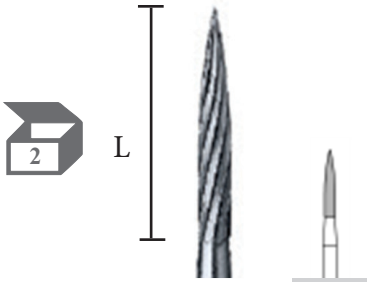
FG	009	010	012	014
RA				014
L mm	3.4	3.5	3.5	4.0

Dental Finishing Carbide Burs

Filling Removal

Fig. 48L

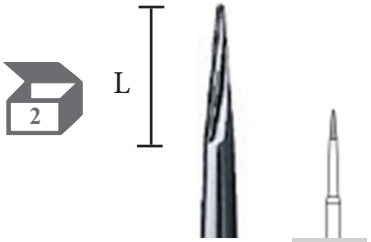
(Long Flame)



FG	012
L mm	8.0

Fig. 332

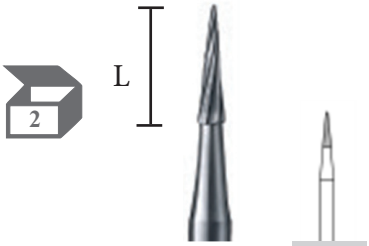
(Cone) Safe End



FG	008
L mm	3.5

Fig. 333

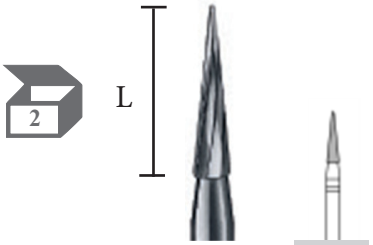
(Cone) Safe End



FG	010
L mm	4.2

Fig. 334

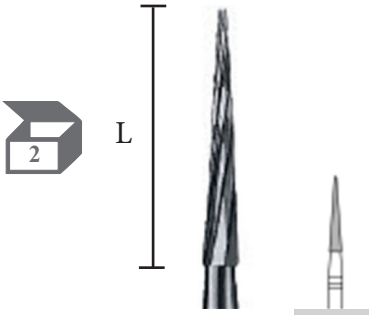
(Cone) Safe End



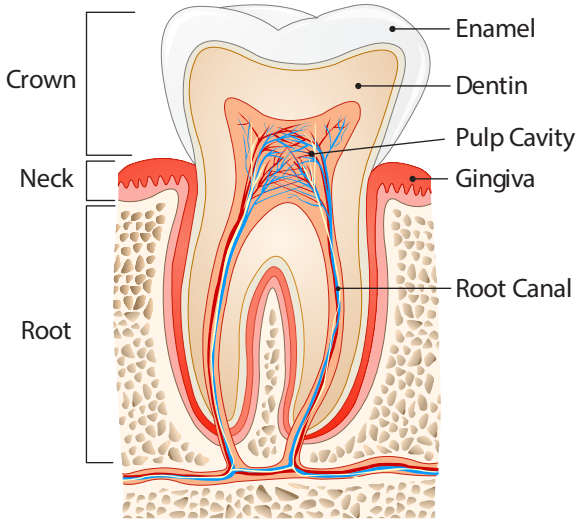
FG	014
L mm	6.0

Fig. 335

(Cone) Safe End



FG	014
L mm	9.0

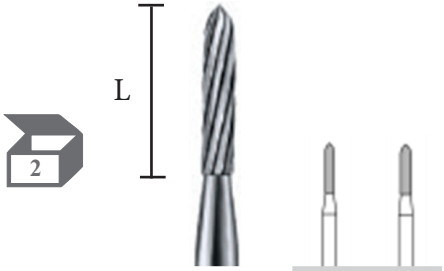


Dental Finishing Carbide Burs

Crown Prep

Fig. 243

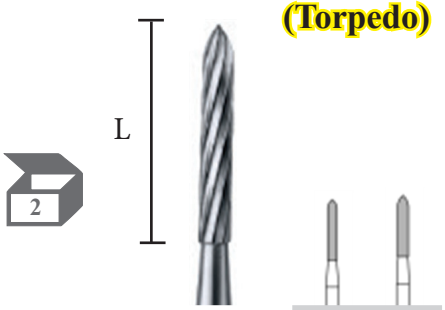
(Torpedo)



FG	010	012
RA	010	012
L mm	6.0	6.0

Fig. 244

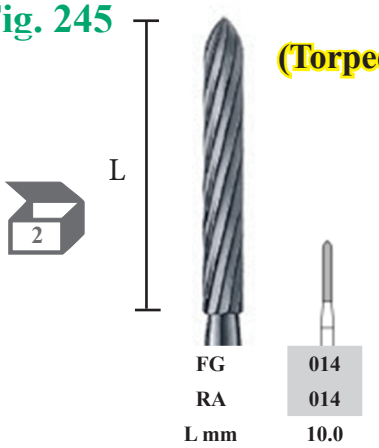
(Torpedo)



FG	012	014
RA	012	
L mm	8.0	8.0

Fig. 245

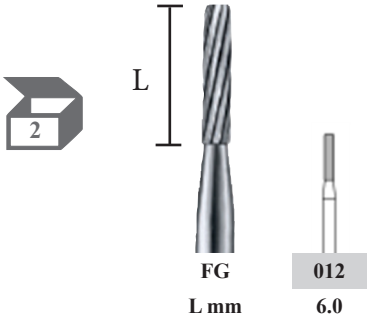
(Torpedo)



FG	014	
RA	014	
L mm	10.0	

Fig. 243KR

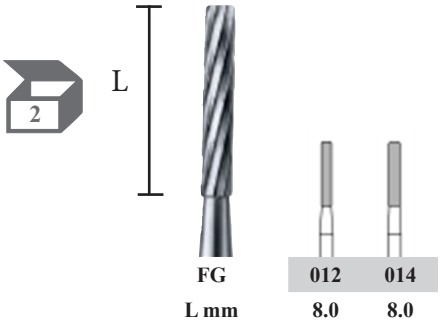
(Cylinder)



FG	012
L mm	6.0

Fig. 244KR

(Cylinder)



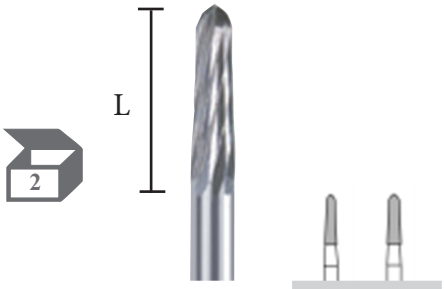
FG	012	014
L mm	8.0	8.0

Dental Finishing Carbide Burs

Crown Prep

Fig. 243K

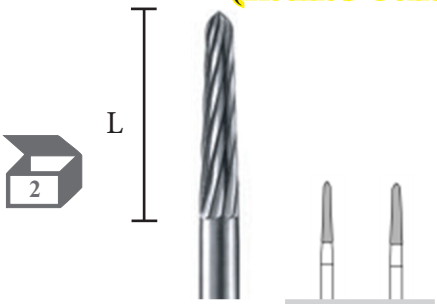
(Rouned Cone)



FG	014	016
L mm	6.0	6.0

Fig. 244K

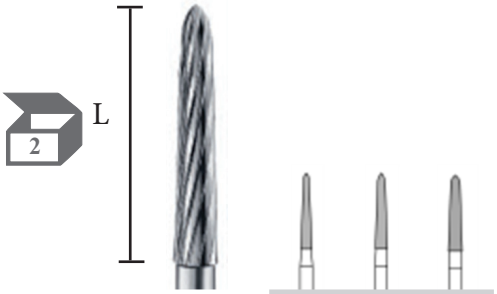
(Rouned Cone)



FG	014	016
L mm	8.0	8.0

Fig. 245K

(Rouned Cone)



FG	014	016	018
L mm	10.0	10.0	10.0

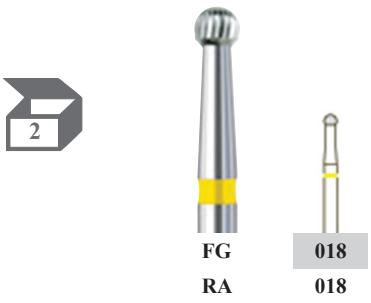
Dental Finishing Carbide Burs

Crown Prep, Working on Fillings, Cavity Prep

16-22 Blades, Fine Cut, for Composites and Metals , and Denture Fine Pore Composites

Fig. 41F

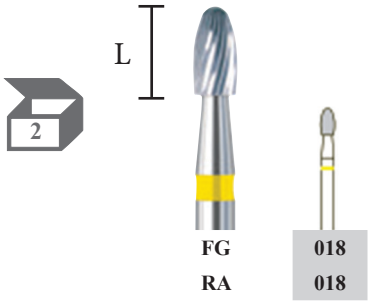
(Round)



FG	018
RA	018

Fig. 44E-F

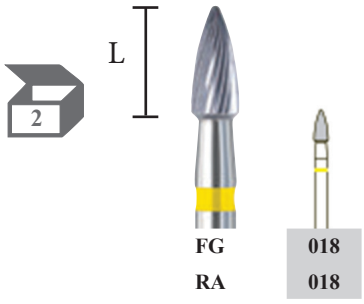
(Egg)



FG	018
RA	018
L mm	3.5

Fig. 45F

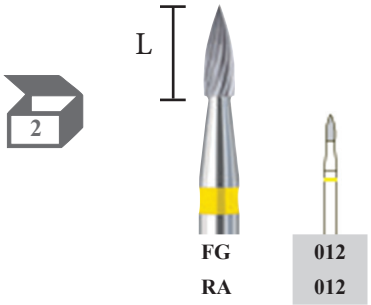
(Wide-Flame)



FG	018
RA	018
L mm	4.0

Fig. 48F

(Flame)



FG	012
RA	012
L mm	3.5

Fig. 48LF

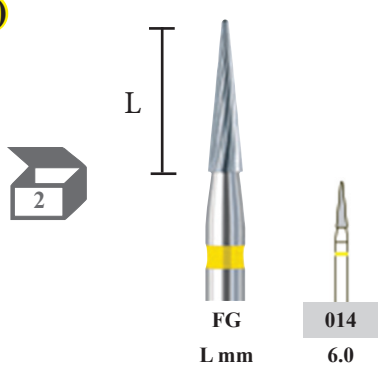
(Thin-Flame)



FG	012
L mm	8.0

Fig. 334F

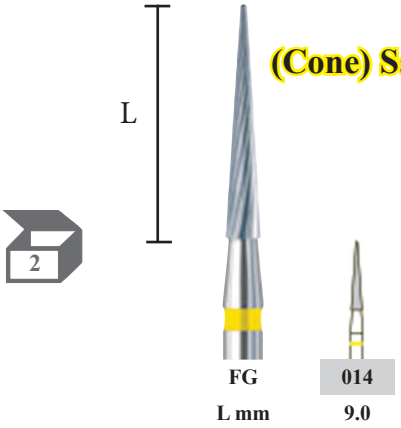
(Cone) Safe End



FG	014
L mm	6.0

Fig. 335F

(Cone) Safe End



FG	014
L mm	9.0

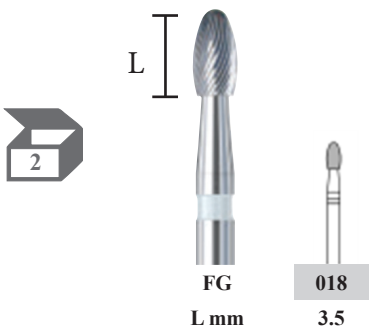
Dental Finishing Carbide Burs

Crown Prep, Working on Fillings, Cavity Prep

30 Blades, Ultra-Fine Cut, and Ceramics and Fine Pore Composites

Fig. 44U-EF

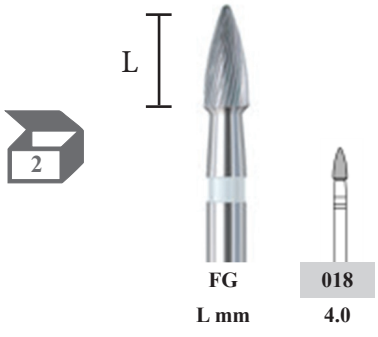
(Egg)



FG	018
L mm	3.5

Fig. 45UF

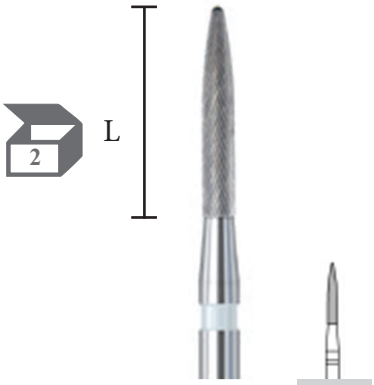
(Wide-Flame)



FG	018
L mm	4.0

Fig. 48L-UF

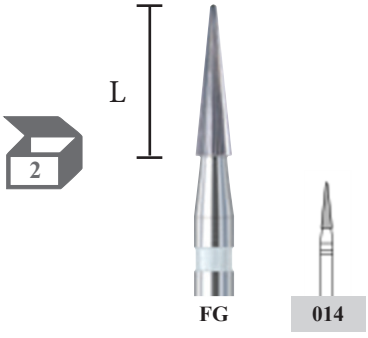
(Thin-Flame)



FG	012
L mm	8.0

Fig. 334UF

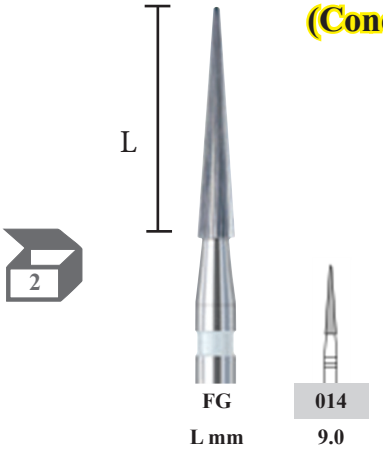
(Cone) Safe End



FG	014
L mm	6.0

Fig. 335UF

(Cone) Safe End



FG	014
L mm	9.0

LongLife PERIO-PRO

Carbide Burs







Let's face it..... no one likes their teeth scraped. Thats why there's ***Perio-Pro by Busch***. After using the ultra-sonic water pick, use these carbides to remove supra- and subgingival calculus. Not only are they more gentle but they help polish the enamel surface. ***For Best Results, use Best Quality***.



Fig. 406

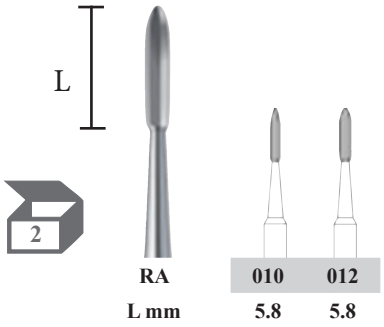


Fig. 406L

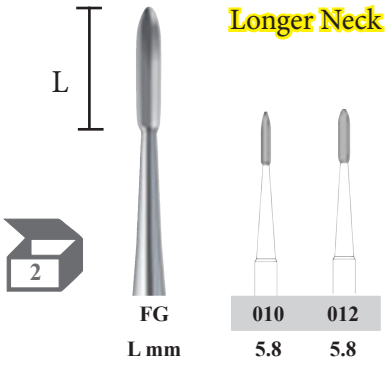


Fig. 407

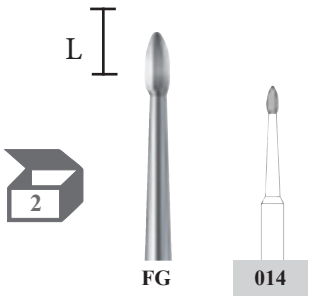
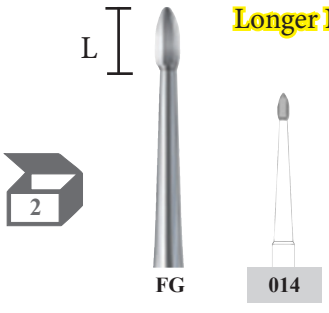


Fig. 407L



Gental removal of calculus

Root cleaning and planning in bifurication areas

Ondontoplastic, removal of plaque from natural retention points

Planing of root cementum of teeth with periodontal lesions

Pre-cleaning of intraalveolar intrabony pockets

Removal of surplus cementum after fitting crowns and bridges

Only gentle application is necessary, more patient comfort.

Use with liquid cooling only (water or saline)

Recommended Max RPM

12,000 r.p.m. for scaling
8,000 r.p.m. for root-planing

Safety, Usage and Hygiene Recommendations for Rotating Instruments

As of 06/2019

BUSCH & CO. GmbH & Co. KG
Unterkaltenbach 17-27
51766 Engelskirchen
GERMANY

Safety recommendations

- Until they are first used, rotating instruments should be kept in their original packaging, and protected from dust and moisture, at room temperature.
- Always keep the packaging (also during the active usage period) so that the instruments are traceable if required.
- Always use fully functioning, correctly serviced and maintained as well as cleaned turbine drives as well as hand-held and angle-piece drives.
- Insert the instruments as deeply as possible. Check for firm seating.
- Use respiratory and/or eye protection and an extraction system.
- Before starting to work on the workpiece, bring the instruments up to operating speed and make sure that they are running concentrically.
- Observe the maximum speed (as indicated on all BUSCH packaging). Risk of overheating and injury.
- Make sure that the instruments don't get jammed or levered.
- Do not exceed a contact pressure of 0.3 to 2.0 N. (Risk of breakage and iatrogenic injuries in the working space and danger of heterotropic ossification after overheating/burning.)
- Only use the instruments in accordance with their intended use
- Failure to comply with or adhere to the following hygiene recommendations can lead to transmission of pathogens.
- If possible, use the entire length of the working part in order to avoid point overheating, e.g. of the tips (resulting excessive mechanical stress and local overheating).
- Make sure that there is sufficient water cooling to avoid unwanted heat development (overheating). For the dental practice, this means a minimum cooling flow of 50 ml per minute ensure a minimum.
- FG instruments with a total length of more than 22 mm or a head diameter more than 2 mm might require additional cooling.
- Surgical instruments with a long shaft might require additional cooling.
- Bent or non-concentrically running instruments or instruments with damaged or worn working parts must be rejected and disposed of in order to avoid injury or overheating through friction caused by blunt instruments.

Hygiene recommendations

1 Preparation **2 Cleaning** **3 Sterilisation** **4 Thermal disinfection**

Area of application: Rotating instruments made of steel, carbide, ceramic or diamond as well as polishers, abrasive tools and brushes that are intended for the application on humanas.
The instruments are delivered non-sterile. Before they are used for the first time as well as after each use, they must be disinfected or cleaned and disinfected or, if required, sterilised.
Grinding caps and cap mandrels have to be disinfected and sterilized unmounted for hygienic and technical reasons.
Restrictions for the processing of resterilisable instruments: Brushes for prophylaxis are single-use products because it cannot be guaranteed that the brushes can be cleaned entirely free from residue.
For non-rust-free instruments, disinfectants and cleaning agents with corrosion protection must be used. **Non-rust-free instruments are not suitable for steam sterilisation.** The product service life is determined by wear and damage caused by the instruments' use. Therefore, specific details regarding the number of processing runs cannot be provided. Never use hydrogen peroxide (H_2O_2) for disinfection of the instruments because the risk of damage to the material cannot be excluded.

1 No pre-cleaning is needed for the first use of brand-new instruments

Preparation (pre-cleaning) on site after use
- Wear protective clothing and mouth, nose and eye protection as well as perforation-proof gloves.
- **Remove all coarse contamination (e.g. blood, tissue, composites, cements) with cellulose swabs immediately after treatment.**
- Place the used instruments on a tray (for a maximum period of 1 hour).
- Place the instruments in a covered container (free of bubbles) for pre-cleaning/pre-disinfection.
  - Use an aldehyde-free and alcohol-free alkaline cleaning and disinfection solution with corrosion protection (e.g. BIP forte eco, 4%)

or
  - an alkaline enzymatic cleaning agent (e.g. AlproZyme, ALPRO MEDICAL GMBH; immersion time: 5-15 minutes, max. 1 workday)
  - Hand the instruments over in the cleaning/disinfection bath and keep them in the bath until the subsequent main cleaning process.

2 **CLEANING, DISINFECTION and CLEANLINESS CHECK** Type of conditioning: non-protein-fixating

Machine processed thermal cleaning/disinfection unit
acc. to EN/ISO 15883 **(thermal disinfector)** at a minimum temperature of 90°C and for a holding time of 5 minutes.

- After having removed the instruments from the cleaning/disinfection bath, rinse them with clean running water.
- Then place the instruments in a stand - separated and secured in their positions - e.g. in the BUSCH STERI-SAFE wave instrument stand. If you use the STERI-SAFE wave, make sure that the biggest opening on the long side is aligned so that it is nearest to the main direction of the cleaning agent flow.
- Always observe the instructions of the manufacturers of the RDG and the employed cleaning and neutralisation agents.
- Only use CE-marked validated cleaning agents (e.g. Chemische Fabrik Dr. Weigert, Hamburg, neodisher MediClean forte).
- Observe any potential material incompatibilities (e.g. do NOT include instruments made of non-rust-proof steel).
- Make sure that the instruments are sufficiently dried.
- Working parts of carbide instruments might be corroded in the RDG.

We recommend that you use the **BUSCH STERI-SAFE** instrument stands with a safety strap which will prevent the instruments from falling out of the stand.

Manually (by hand)

with a hard, fine-bristle plastic brush under clean running tap water.

Ultrasonic-based cleaning

This method is recommended especially for instruments whose cleaning success cannot be assessed with sufficient certainty (e.g. because of cavities or inaccessible spaces that cannot be inspected)

Place the instruments in the immersion bath fully and free from air bubbles. The immersion periods, concentrations and usage periods which are specified by the manufacturer of the cleaning agent and disinfectant must be strictly observed in order to avoid damage to the material. Check the performance of the ultrasound unit and service the unit in regular intervals.

Disinfectants for the instrument disinfection of rotating instruments must have a **CE mark** with a 4-digit number. Only select agents which are **expressly recommended as suitable** by the manufacturer for the disinfection of rotating instruments of the groups of the employed instrument types (steel or carbide or diamond or abrasive tools or polishers/brushes) (e.g. **BIB forte eco** ALPRO MEDICAL GMBH / alkaline, aldehyde-free and alcohol-free / 3.0% / 10 minutes).

Provided that the instructions for use by the disinfectant manufacturers and the recommendations given here are correctly observed, up until now we are unaware of any material incompatibilities as a result of the use of CE-marked instrument disinfectants. Replace contaminated ultrasonic baths in due time. Do not heat the ultrasound bath above 45°C (risk of protein fixation).
In order to avoid any damage to the instruments, when using **ultrasonic procedures**, ideally the instruments should not touch each other or other hard material surfaces (e.g. placed in the BUSCH STERI-SAFE stand).

Rinsing (under clean running water)

Drying ideally with clean dry compressed air, and alternatively with dry clean cellulose cloths.

not clean — **Visual inspection** of the instrument for damage, wear and residual contamination (adhesions which haven't been cleaned). **Aid:** magnifying glass with 6-fold to 8-fold magnification. **Instruments with cavities or inaccessible spaces must be cleaned particularly thoroughly and checked for cleanliness with great care.** — **clean**

Instrument is damaged or worn or cannot be cleaned?

Yes → **Disposal**

No

3 **Invasive application** **STERILISATION**
critical medical devices A and B
Instruments which penetrate the skin or mucosa and come into contact with blood, internal tissues or organs including wounds.

Steam sterilisation using the vacuum procedure (unit according to EN 13060, validated processes) 134 °C

Critical A: The cleaning success was assessed as positive.	**Class-S steriliser** (simplified pre-vacuum) or **class-B steriliser**
Critical B: It was not possible to immediately assess the cleaning success (e.g. due to cavities, inaccessible spaces)	**Class-B steriliser** with fractionated pre-vacuum system and continuous monitoring through simulation testing (Helix test).

Sterilisation temperature 134°C / holding time 5 minutes (full cycle)
Minimum drying time 10 minutes / Observe the limits of the ingredients for drinking water and steam condensate according to EN 13060. / Observe the maximum steriliser load. / Observe the steriliser manufacturer's specifications.

Instruments packaged and recontamination-protected in demonstrably suitable sterile barrier systems, dental cassettes or containers. Observe compliance of devices and systems with the standard DIN EN ISO 11607-1 and with the corresponding parts in the standards series DIN EN 868.

Release given after sterilisation has been successfully completed

If classified as medical device, **critical B:**

The sterilisation may only be carried out by personnel who are suitably trained and have sufficient experience as well as having the necessary technical knowledge and skills.

Documented **release.**

STORAGE: Provision for use or storage in packed condition and in closed cabinets. The storage of the sterilised or disinfected instruments must e in a manner that they will continue to stay free of germs.

Non-invasive or cosmetic application **THERMAL DISINFECTION** **4**
Semi-critical medical devices A and B
Semi-critical: Instruments which come into contact with the mucosa or with pathologically changed skin but which don't penetrate it.

CAUTION: Even if there is only a low risk of injury, skin penetration or contact with blood, the **critical** A or B assessment must be adopted and the instruments must be **STERILISED!** → 3

Was the cleaning method combined with thermal disinfection (validated automated, thermal cleaning/disinfection device RDG 93°C - thermo disinfector - according to EN/ISO 15883 at not less than 90°C and a dwell time of 5 minutes?

Yes → **STORAGE:** Provision for use or storage in a manner that the instruments are protected against recontamination

No

Thermal disinfection in the hot-air steriliser
Not suitable for polishers and brushes!
- Temperature 180°C
- Minimum holding time 30 minutes

180 °C

unpacked
In suitable stands (e.g. BUSCH STERI-SAFE) or sieve trays

Thermal disinfection in the steam steriliser
- Temperature 121°C
- Holding time 15 minutes

or
- Temperature 134°C
- Holding time 3 minutes

134 °C

unpacked
In suitable stands (e.g. BUSCH STERI-SAFE) or sieve trays

Instrument usage according to the intended use

Manufacturer information for the processing of resterilisable medical devices according to DIN EN ISO 17664:2018 as well as recommendation by Robert Koch Institute (KRINKO2012)

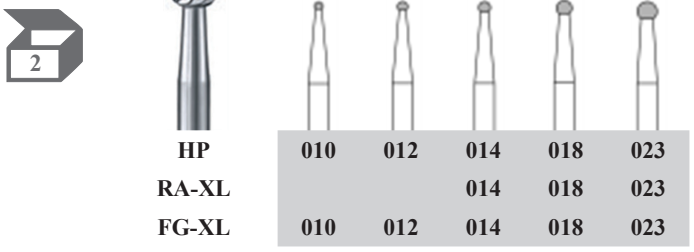
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Oral Surgical Carbide Burs

Maxillofacial Surgery

Fig. 141

(Round)

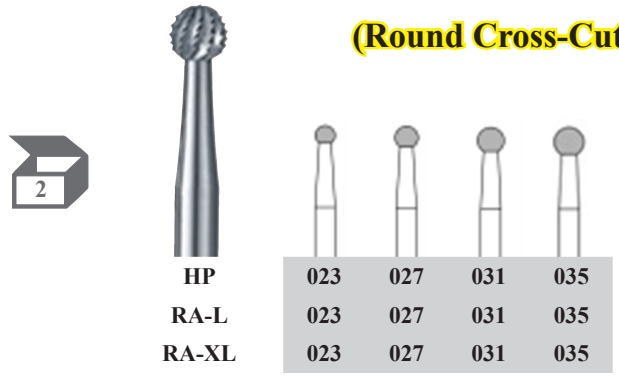


HP	010	012	014	018	023
RA-XL			014	018	023
FG-XL	010	012	014	018	023



Fig. 141A

(Round Cross-Cut)

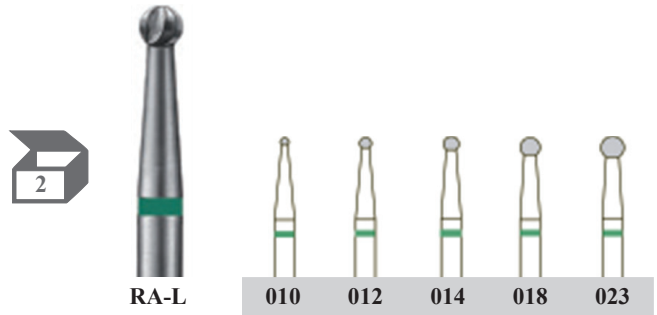


HP	023	027	031	035
RA-L	023	027	031	035
RA-XL	023	027	031	035

A-Cut for a Gentle and Low Vibration Treatment

Fig. 1S

(Round) **Green Ring, power cut**

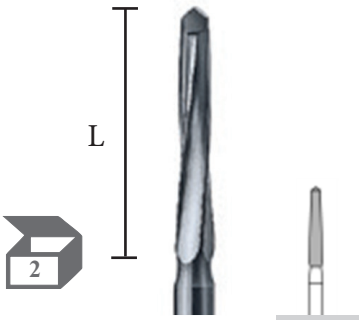


RA-L	010	012	014	018	023

Oral Surgical Carbide Burs

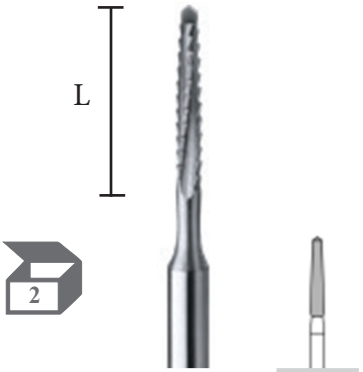
Maxillofacial Surgery, Lindemann Bone Cutters

Fig. 161



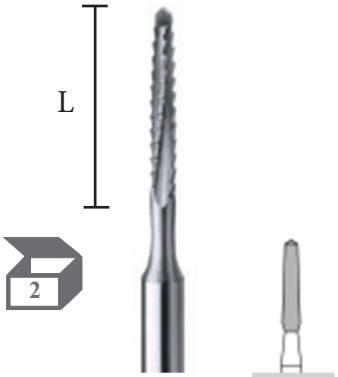
FG	016
Lmm	9.0

Fig. 162



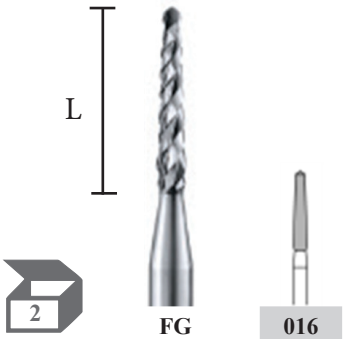
FG	016
HP	016
RA	016
RA-L	016
Lmm	9.0

Fig. 166



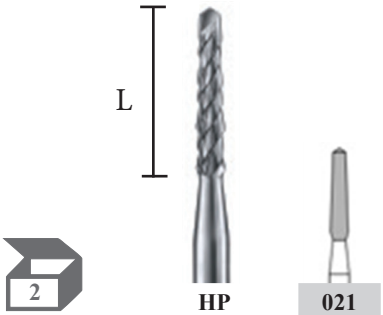
HP	021
RA	021
RA-L	021
L mm	10.0

Fig. 162A



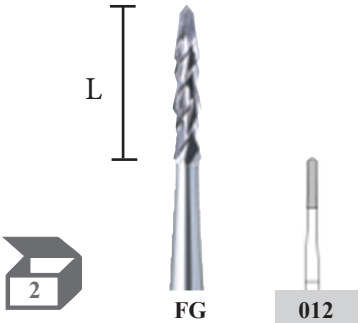
FG	016
HP	016
RA	016
RA-L	016
Lmm	9.0

Fig. 166A



HP	021
RA	021
RA-L	021
L mm	10.0

Fig. 166LA



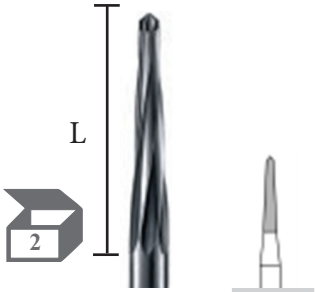
FG	012
Lmm	6.5

Use Bone Cutters with A-Cut for a Minimally Invasive and Gentle Preparation of Bone Tissue and Hard Tooth Substance

Oral Surgical Carbide Burs

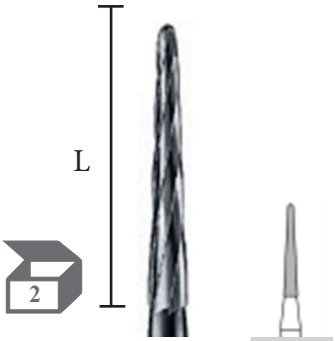
Maxillofacial Surgery, Bone Cutters, and Endo Reamer

Fig. 267



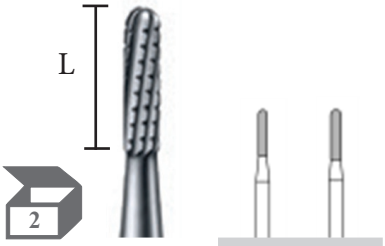
FG	016	
HP	016	
RA	016	
L mm	9.0	

Fig. 269



FG	016
RA	016
HP	016
L mm	11.0

Fig. 21X



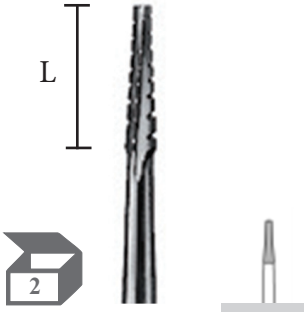
FG-XL	010	012
L mm	5.5	6.0

Fig. 23X



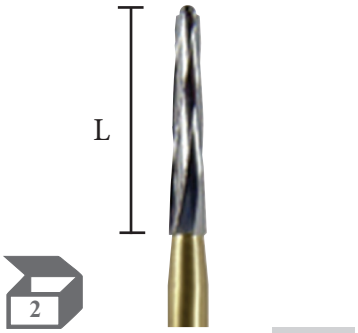
FG-XL	014	016	018
HP-L	014		
L mm	6.0	6.5	6.5

Fig. 700XXL

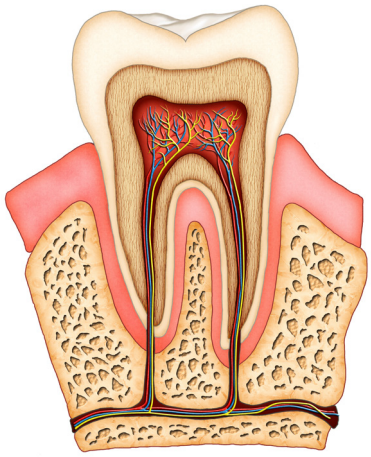


FG	011
L mm	5.0

Fig. 152Z



FG	015
L mm	9.0



Bur Stands and Bur Gauge



5762 (33 x 66 x 58 mm)



5764 (66 x 66 x 58 mm)



5099 (107.7 x 29.95 x 1.94 mm)



B440 (Busch Dressing Stone)

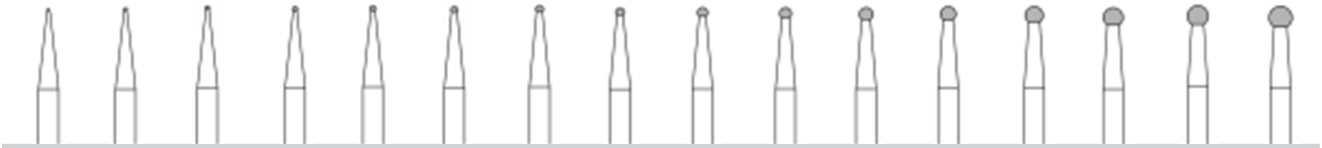
Dental Lab Carbide Burs

Metal Alloys, Precious and Non-Precious Metals, Model Fabrication, Crown and Bridges, Model Casting, Acrylics

Fig. 1

(Round)





HP	003	004	005	006	007	008	009	010	012	014	016	018	021	023	025	027

Fig. 3

Inverted Cone



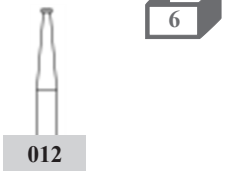


HP	006	007	008	009	010	012	014	016	018	023
L mm	0.50	0.50	0.70	0.80	0.90	1.10	1.20	1.4	1.6	2.0

Fig. 2

Wheel

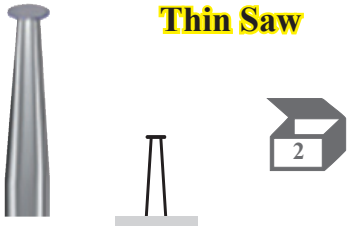




HP	012
L mm	0.35

Fig. 231

Thin Saw

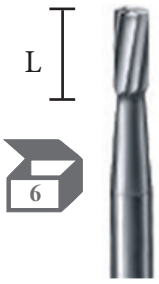


HP	023
L mm	0.10

Dental Lab Carbide Burs

Fig. 15

(Cylinder)

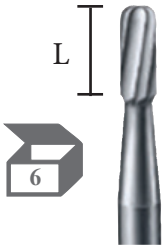




HP	008	009	010	012	014	016	018	021	023
L mm	3.5	4.0	4.0	4.5	4.5	5.0	5.0	5.5	5.5

Fig. 15U

(Rounded Cylinder)

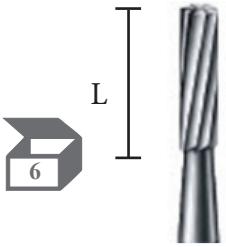




HP	010	012	014
L mm	4.0	4.5	4.5

Fig. 15L

(Long Cylinder)

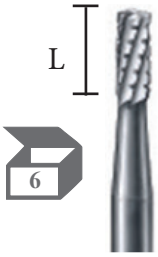




HP	010	012	014
L mm	5.5	6.0	6.0

Fig. 21

(Cross Cut Cylinder)

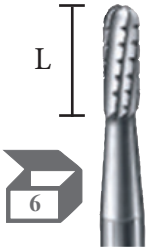




HP	008	009	010	012	014	016	018	021	023
L mm	3.5	4.0	4.0	4.5	4.5	5.0	5.0	5.5	5.5

Fig. 21U

(Cross Cut Rounded Cylinder)

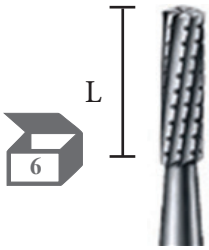


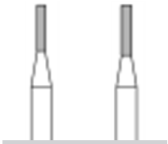


HP	009	010	012	014	016	018
L mm	4.0	4.0	4.5	4.5	5.0	5.0

Fig. 21L

(Cross Cut Long Cylinder)

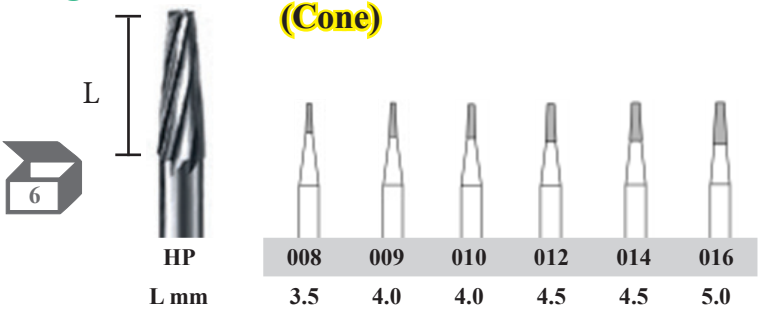




HP	010	012
L mm	5.5	6.0

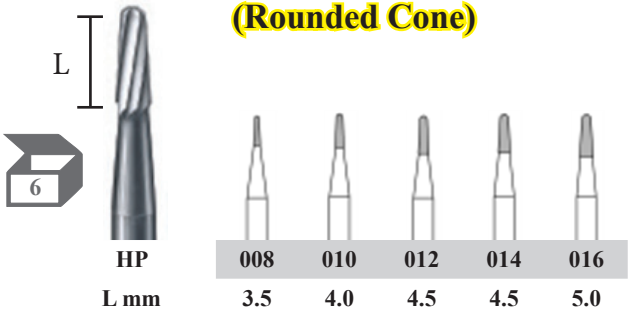
Dental Lab Carbide Burs

Fig. 17 (Cone)



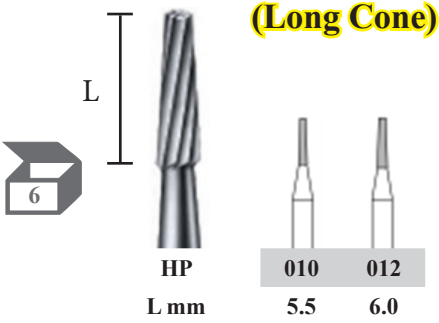
HP	008	009	010	012	014	016
L mm	3.5	4.0	4.0	4.5	4.5	5.0

Fig. 17U (Rounded Cone)



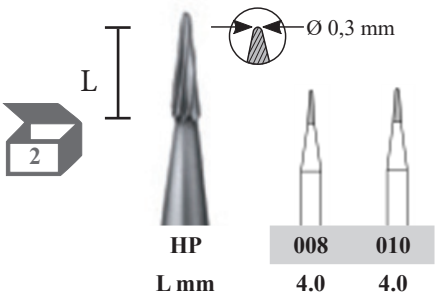
HP	008	010	012	014	016
L mm	3.5	4.0	4.5	4.5	5.0

Fig. 17L (Long Cone)



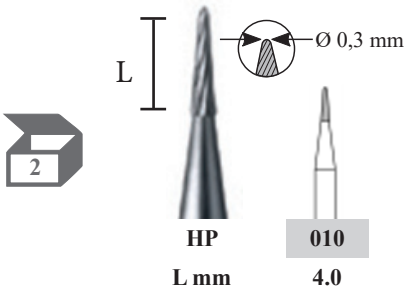
HP	010	012
L mm	5.5	6.0

Fig. 23SR (Rounded Slender Cone)



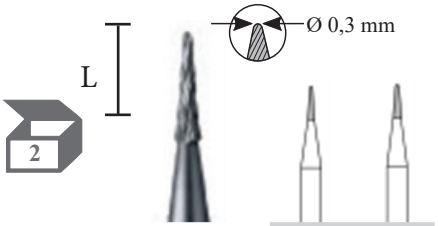
HP	008	010
L mm	4.0	4.0

Fig. 23SRF (Rounded Slender Cone)



HP	010
L mm	4.0

Fig. 23SRX (Rounded Cross Cut Slender Cone)

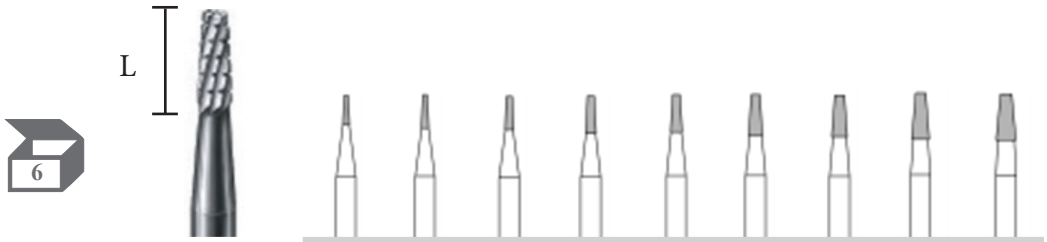


HP	008	010
L mm	4.0	4.0

Dental Lab Carbide Burs

Fig. 23

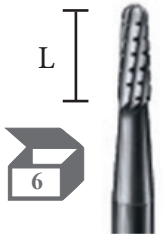
(Cross Cut Cone)



HP	008	009	010	012	014	016	018	021	023
L mm	3.5	4.0	4.0	4.5	4.5	5.0	5.0	5.5	5.5

Fig. 23U

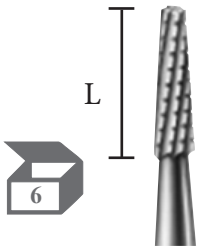
(Rounded Cross Cut Cone)



HP	008	010	012	014	016
L mm	3.5	4.0	4.5	4.5	5.0

Fig. 23L

(Long Cross Cut Cone)

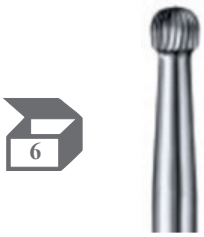


HP	010	012	016
L mm	5.5	6.0	6.0

Finishing Carbide Burs

Fig. 41

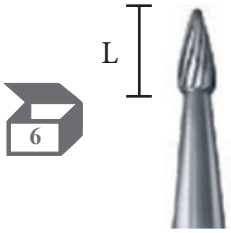
(Round)



HP	014
L mm	1.4

Fig. 45

(Bud)



HP	018
L mm	4.0

Dental Lab Large Carbide Cutters

Plaster, Dry Models, and Acrylics

GX (Coarse Double Cut)

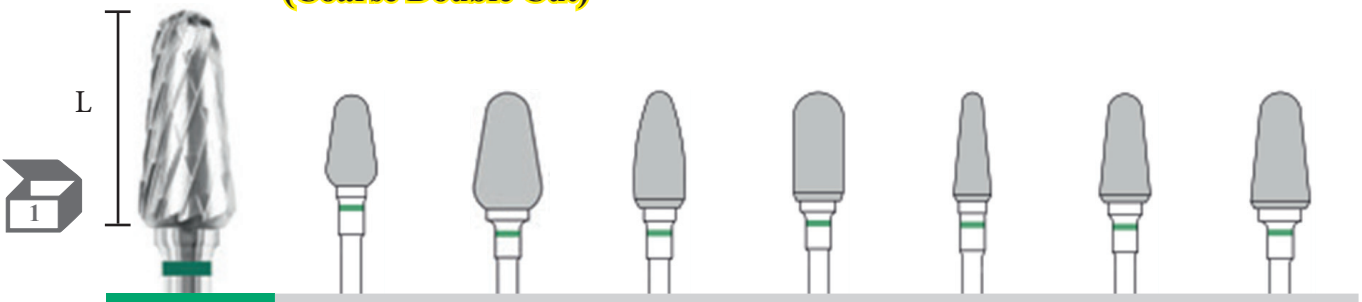


Fig.	424GX	424GX	425GX	426GX	429GX	429GX	429GX
Size	060	080	060	060	045	060	070
L mm	11.0	14.0	14.0	13.0	13.0	13.0	14.0
Shape	Bud	Bud	Bullet	RD Cylinder	RD Cone	RD Cone	RD Cone

G (Coarse Cut)

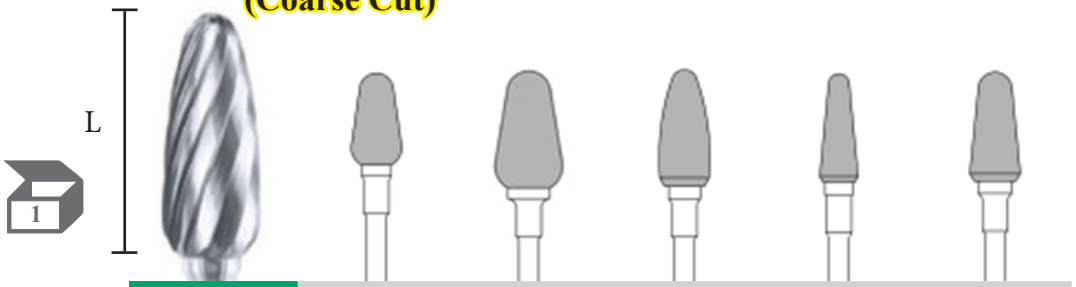


Fig.	424G	424G	425G	429G	429G
Size	060	080	060	045	060
L mm	11.0	14.0	14.0	13.0	13.0
Shape	Bud	Bud	Bullet	RD Cone	RD Cone

GXA (Coarse Double Cut, Left Hand Twist)



Fig.	425GXA	429GXA
Size	060	060
L mm	14.0	13.0
Shape	Bullet	RD Cone

Dental Lab Large Carbide Cutters

Non-Hardening Acrylics, Relinings

GQSR

(Coarse Straight Cut, Double Cut)

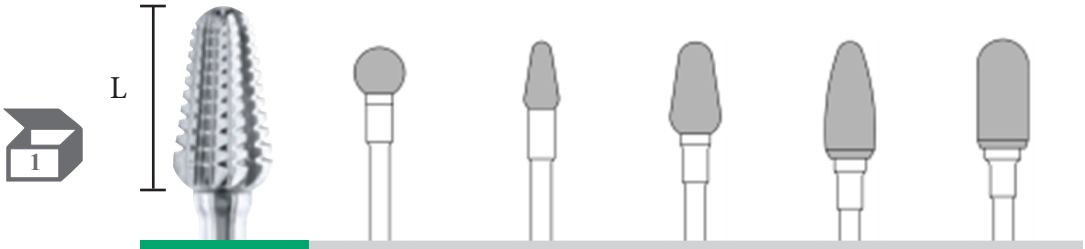


Fig.	421GQSR	424GQSR	424GQSR	425GQSR	426SGSR
Size	060	040	060	060	060
L mm	6.0	8.0	11.0	14.0	13.0
Shape	Round	Bud	Bud	Bullet	RD Cylinder

MQS

(Medium Cut with Cross Cut)

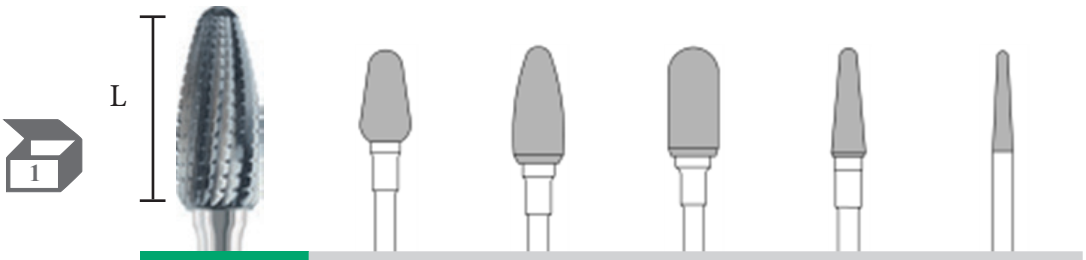


Fig.	424MQS	425MQS	426MQS	429MQS	433MQS
Size	060	060	060	040	023
L mm	11.0	14.0	13.0	13.0	12.0
Shape	Bud	Bullet	RD Cylinder	RD Cone	Cone

Dental Lab Large Carbide Cutters

Acrylics and Synthetic Plaster

(Medium Cut)

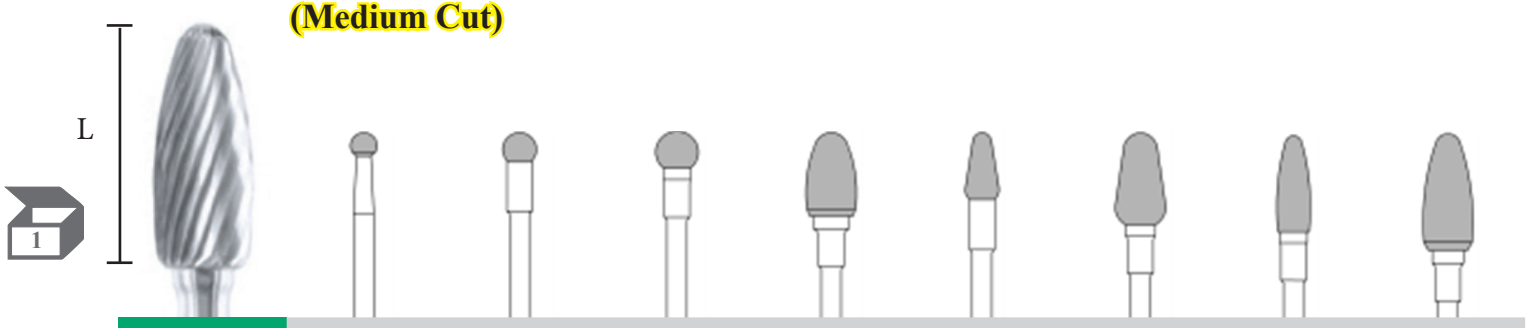


Fig.	421	421	421	423	424	424	425	425
Size	031	040	050	060	040	060	040	060
L mm	2.8	3.5	4.4	10.0	8.0	11.0	11.5	14.0
Shape	Round	Round	Round	Oval Cylinder	Bud	Bud	Bullet	Bullet

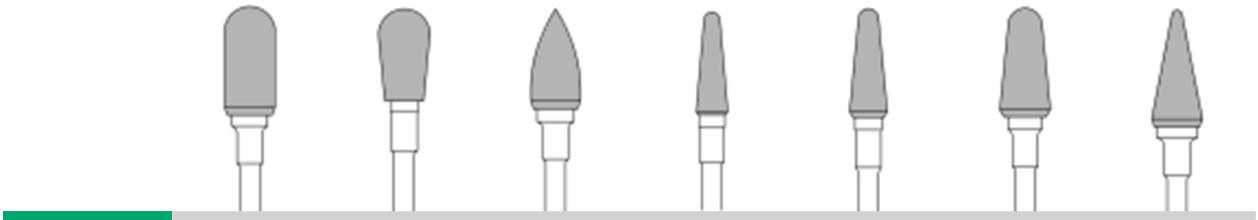


Fig.	426	427	428	429	429	429	433
Size	060	060	060	031	045	060	060
L mm	13.0	11.0	12.0	11.5	13.0	13.0	14.0
Shape	RD Cylinder	Pear	Flame	RD Cone	RD Cone	RD Cone	Cone

(Medium Cut), Thin Profile

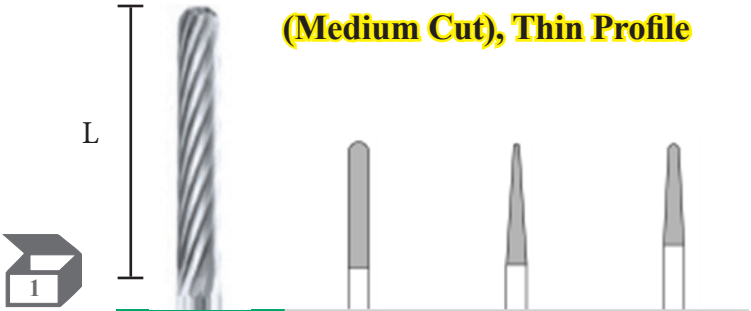


Fig.	426	432	433
Size	023	023	023
L mm	15.0	14.5	12.0
Shape	RD Cylinder	Pointed Cone	Cone

Dental Lab Large Carbide Cutters

Synthetic Plaster, Denture Resin, Individual Tray

Au-, Ag-, Pd-Alloy, CrCo-, NiCr-Alloy

X

(Medium Double Cut)

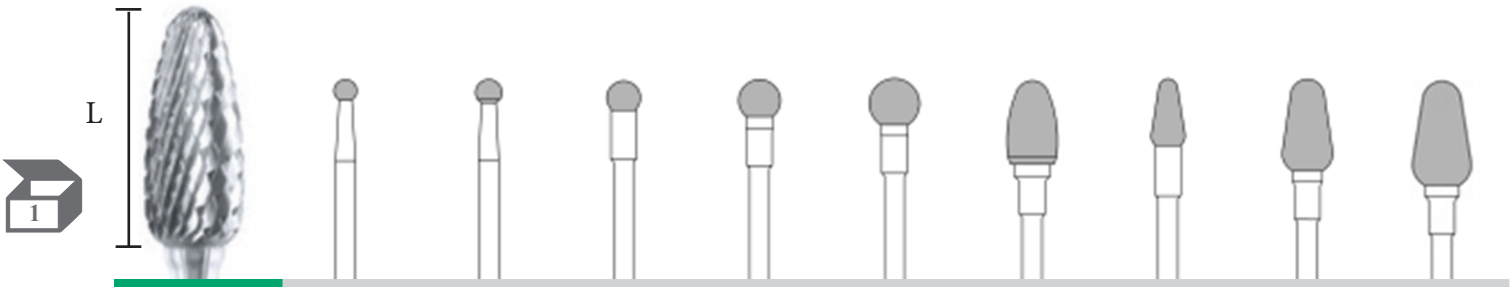


Fig.	421X	421X	421X	421X	421X	423X	424X	424X	424X
Size	027	031	040	050	060	060	040	060	070
L mm	2.5	2.8	3.5	4.4	5.5	10.0	8.0	11.0	12.5
Shape	Round	Round	Round	Round	Round	Oval Cylin.	Bud	Bud	Bud

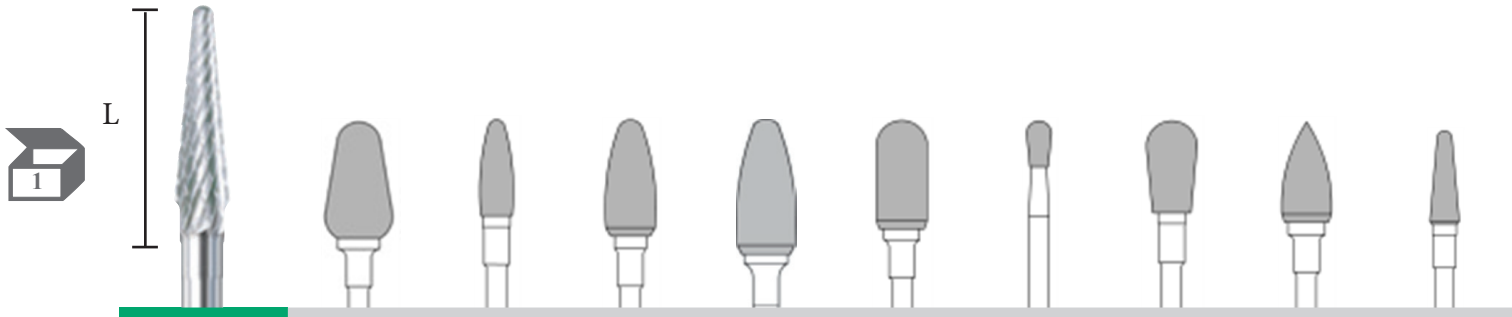


Fig.	424X	425X	425X	425X	426X	427X	427X	428X	429X
Size	080	040	060	070	060	029	060	060	031
L mm	14.0	11.5	14.0	16.0	13.0	5.5	11.0	12.0	11.5
Shape	Bud	Bullet	Bullet	Bullet	RD Cylin.	Pear	Pear	Flame	RD Cone

Thin Profile

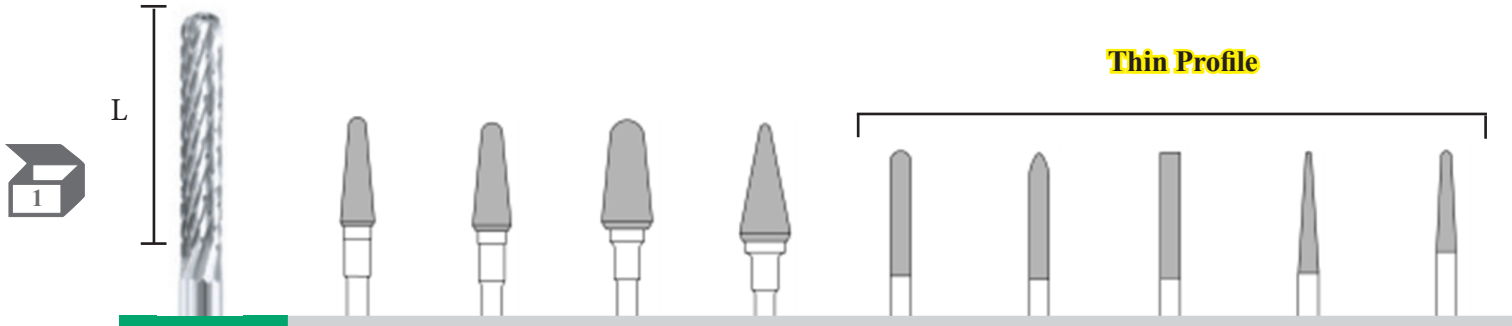


Fig.	429X	429X	429X	433X	426X	428X	431X	432X	433X
Size	040	045	060	060	023	023	023	023	023
L mm	13.0	13.0	13.0	14.4	15.0	15.0	15.0	14.5	12.0
Shape	RD Cone	RD Cone	RD Cone	Cone	RD Cylin.	Torpedo	Cylinder	Pointed Cone	Cone

Dental Lab Large Carbide Cutters

Synthetic Plaster, Denture Resin, Individual Tray

Au-, Ag-, Pd-Alloy, CrCo-, NiCr-Alloy

FX (Fine Double Cut)

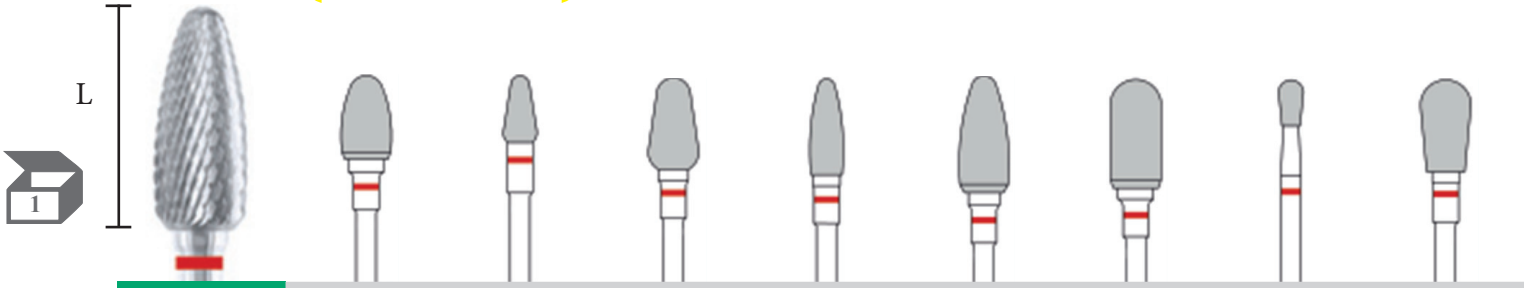


Fig.	423FX	424FX	424FX	425FX	425FX	426FX	427FX	427FX
Size	060	040	060	040	060	060	029	060
L mm	10.0	8.0	11.0	11.5	14.0	13.0	5.5	11.0
Shape	Egg	Bud	Bud	Bullet	Bullet	RD Cylinder	Pear	Pear

FX (Fine Double Cut)

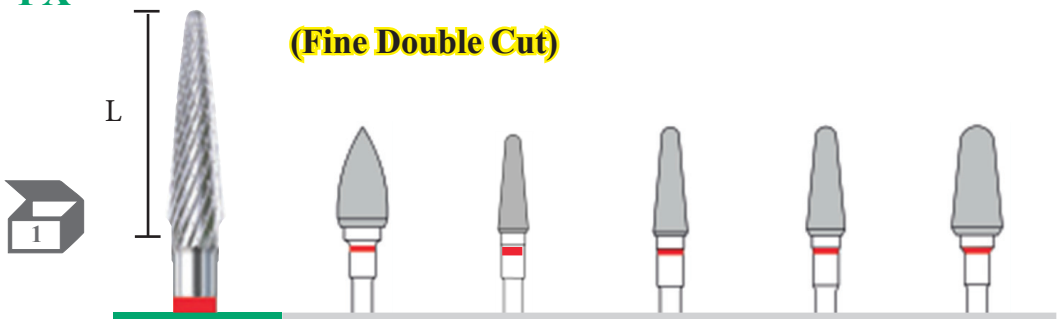


Fig.	428FX	429FX	429FX	429FX	429FX
Size	060	031	040	045	060
L mm	12.0	11.5	13.0	13.0	13.0
Shape	Flame	RD Cone	RD Cone	RD Cone	RD Cone

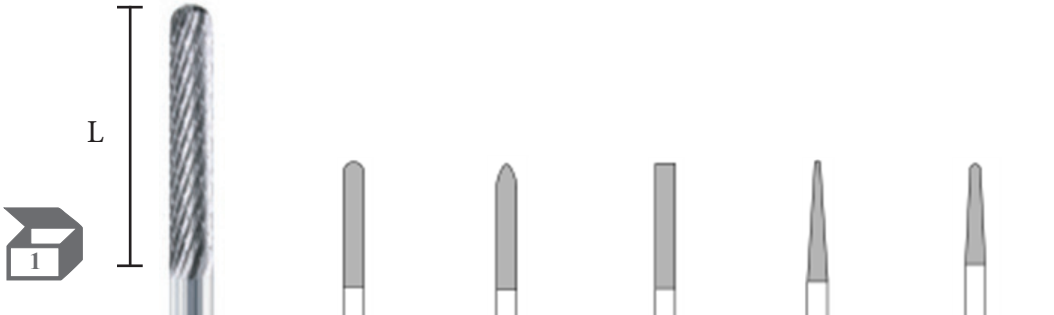


Fig.	426FX	428FX	431FX	432FX	433FX
Size	023	023	023	023	023
L mm	15.0	15.0	15.0	14.5	12.0
Shape	Rd Cylinder	Torpedo	Cylinder	Pointed Cone	Cone

Dental Lab Large Carbide Cutters

Ceramic, Titanium, Composite

Au-, Ag-, Pd-Alloy, CrCo-, NiCr-Alloy

FFX (Extra Fine Double Cut)

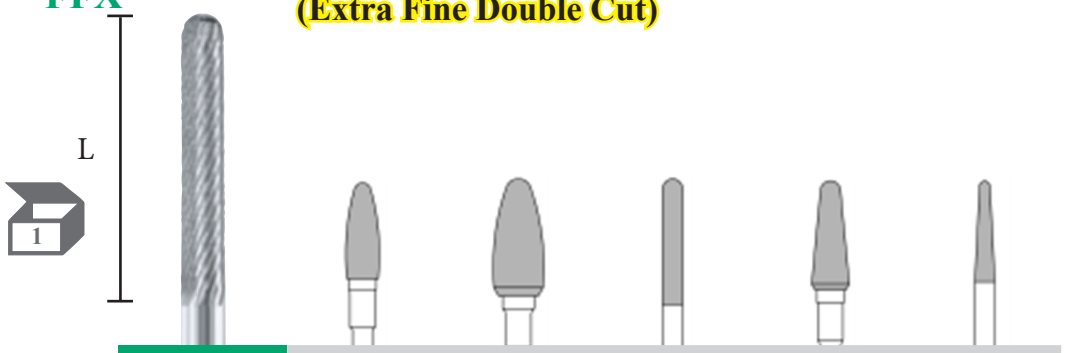


Fig.	425FFX	425FFX	426FFX	429FFX	433FFX
Size	040	060	023	045	023
L mm	11.5	14.0	15.0	13.0	12.0
Shape	Bullet	Bullet	RD Cylinder	RD Cone	Cone



Dental Lab (small/MIDIS) Carbide Cutters

Synthetic Plaster, Denture Resin, Individual Tray

Au-, Ag-, Pd-Alloy, CrCo-, NiCr-Alloy

XTi

(Medium Double Cut), Designed for Titanium

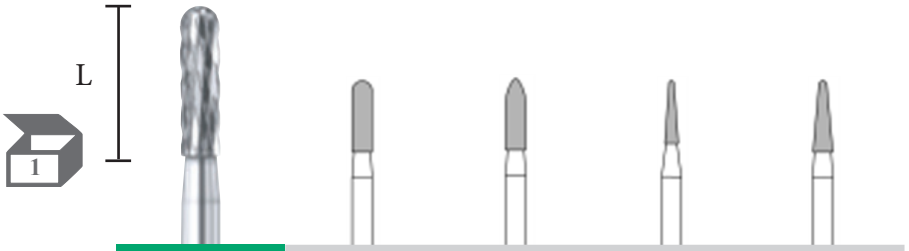


Fig.	M426XTI	M428XTI	M433XTI	M433XTI
Size	023	023	016	023
L mm	8.5	8.5	7.5	8.5
Shape	RD Cylinder	Torpedo	Cone	Cone

X

(Medium Double Cut)

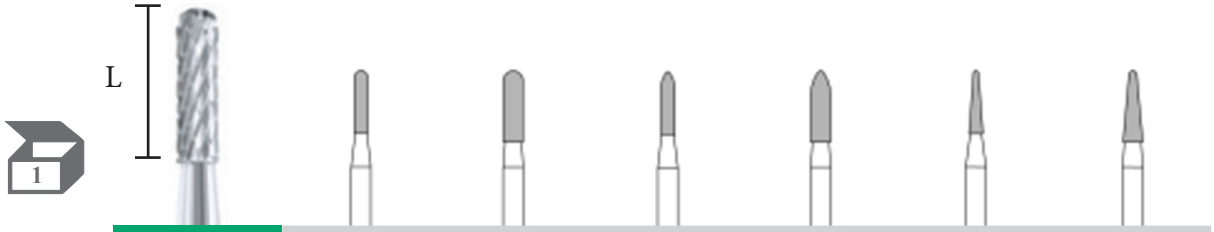


Fig.	M426X	M426X	M428X	M428X	M433X	M433X
Size	016	023	016	023	016	023
L mm	7.5	8.5	7.5	8.5	7.5	8.5
Shape	RD Cylinder	RD Cylinder	Torpedo	Torpedo	Cone	Cone

FX

(Fine Double Cut)

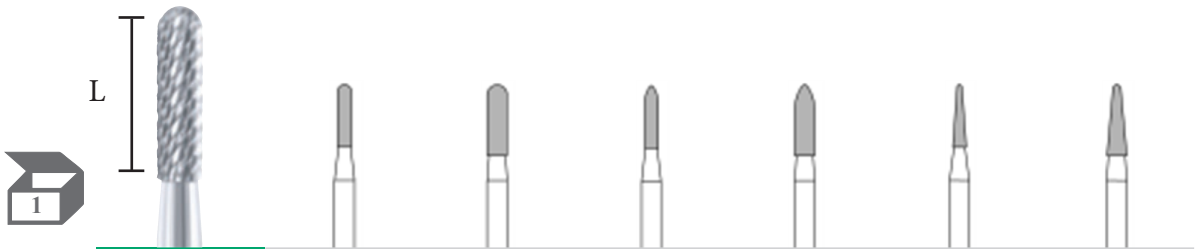


Fig.	M426FX	M426FX	M428FX	M428FX	M433FX	M433FX
Size	016	023	016	023	016	023
L mm	7.5	8.5	7.5	8.5	7.5	8.5
Shape	RD Cylinder	RD Cylinder	Torpedo	Torpedo	Cone	Cone

Dental Lab (small/MIDIS) Carbide Cutters

Synthetic Plaster, Denture Resin, Individual Tray

Au-, Ag-, Pd-Alloy, CrCo-, NiCr-Alloy

FFX

(Extra Fine Double Cut)

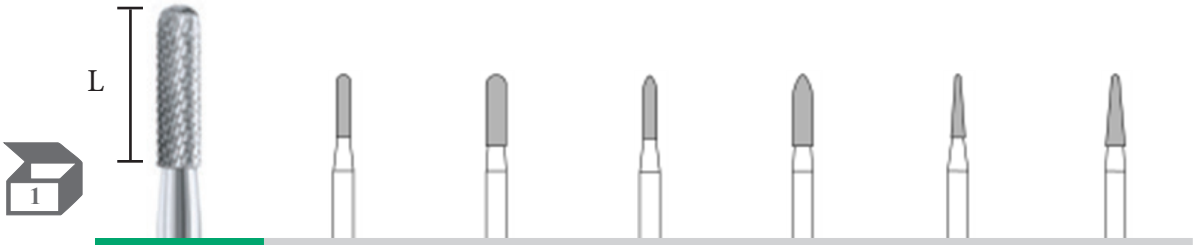


Fig.	M426FFX	M426FFX	M428FFX	M428FFX	M433FFX	M433FFX
Size	016	023	016	023	016	023
L mm	7.5	8.5	7.5	8.5	7.5	8.5
Shape	RD Cylinder	RD Cylinder	Torpedo	Torpedo	Cone	Cone



Dental Lab (small/SHORTIES) Carbide Cutters

Synthetic Plaster, Denture Resin, Individual Tray

Au-, Ag-, Pd-Alloy, CrCo-, NiCr-Alloy

XTi

(Medium Double Cut), Designed for Titanium

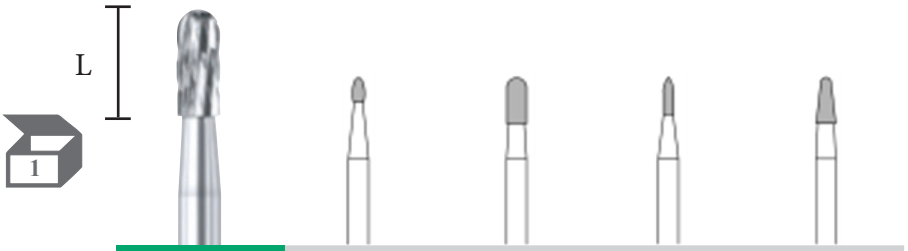


Fig.	S423XTI	S426XTI	S428XTI	S433XTI
Size	014	023	012	023
L mm	2.9	5.5	4.5	5.5
Shape	Egg	RD Cylinder	Torpedo	Cone

X

(Medium Double Cut)

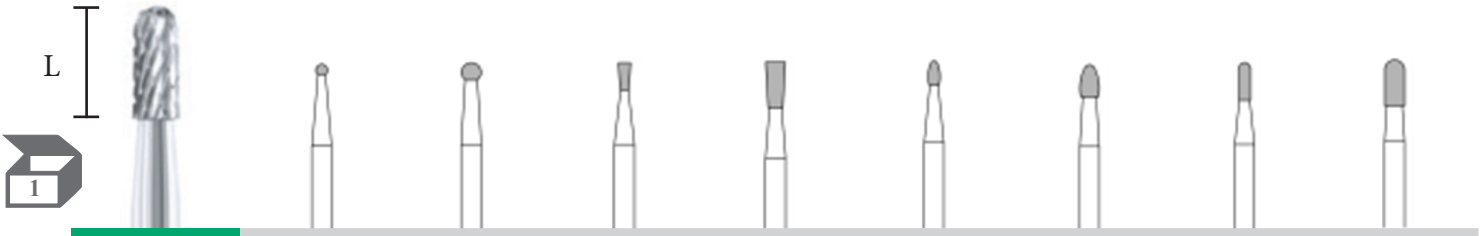


Fig.	S421X	S421X	S422X	S422X	S423X	S423X	S426X	S426X
Size	014	023	014	023	014	023	014	023
L mm	1.2	2.1	3.3	5.5	2.9	3.8	4.5	5.5
Shape	Round	Round	Inverted Cone	Inverted Cone	Egg	Egg	RD Cylinder	RD Cylinder



Fig.	S427X	S428X	S430X	S431X	S431X	S433X	S433X
Size	023	023	023	014	023	014	023
L mm	5.5	5.5	5.5	4.5	5.5	3.5	5.5
Shape	Pear	Torpedo	Flame	Cylinder	Cylinder	Cone	Cone

Dental Lab (small/SHORTIES) Carbide Cutters

Synthetic Plaster, Denture Resin, Individual Tray

Au-, Ag-, Pd-Alloy, CrCo-, NiCr-Alloy

FX

(Fine Double Cut)

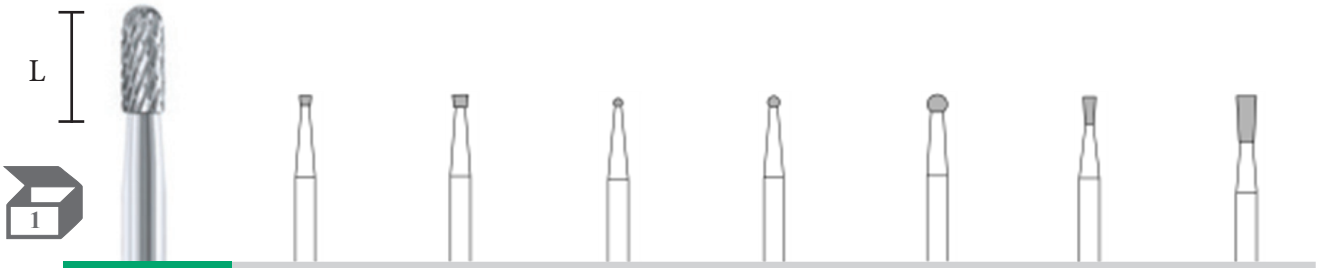


Fig.	S420FX	S420FX	S421FX	S421FX	S421FX	S422FX	S422FX
Size	014	018	010	014	023	014	023
L mm	1.2	1.4	0.8	1.2	2.1	3.3	5.5
Shape	Inverted Cone	Inverted Cone	Round	Round	Round	Inverted Cone	Inverted Cone

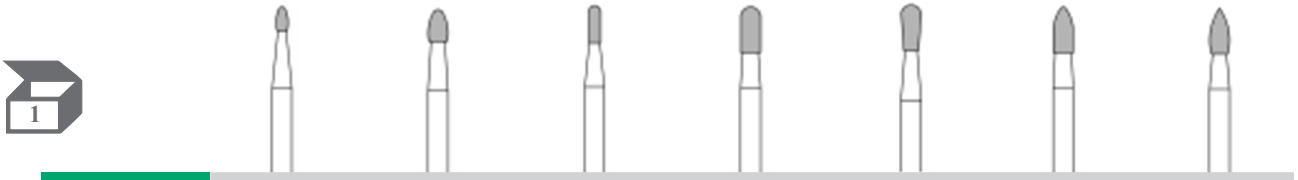


Fig.	S423FX	S423FX	S426FX	S426FX	S427FX	S428FX	S430FX
Size	014	023	014	023	023	023	023
L mm	2.9	3.8	4.5	5.5	5.5	5.5	5.5
Shape	Egg	Egg	RD Cylinder	RD Cylinder	Pear	Torpedo	Flame

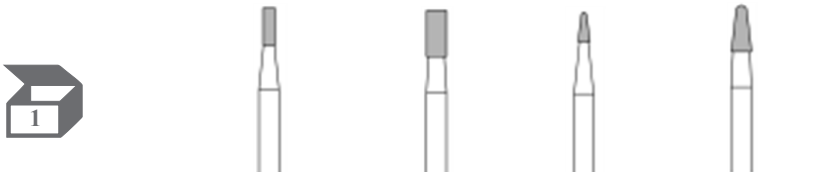


Fig.	S431FX	S431FX	S433FX	S433FX
Size	014	023	014	023
L mm	4.5	5.5	3.5	5.5
Shape	Cylinder	Cylinder	Cone	Cone

Dental Lab (small/SHORTIES) Carbide Cutters

Synthetic Plaster, Denture Resin, Individual Tray

Au-, Ag-, Pd-Alloy, CrCo-, NiCr-Alloy

FFX

(Extra Fine Double Cut)

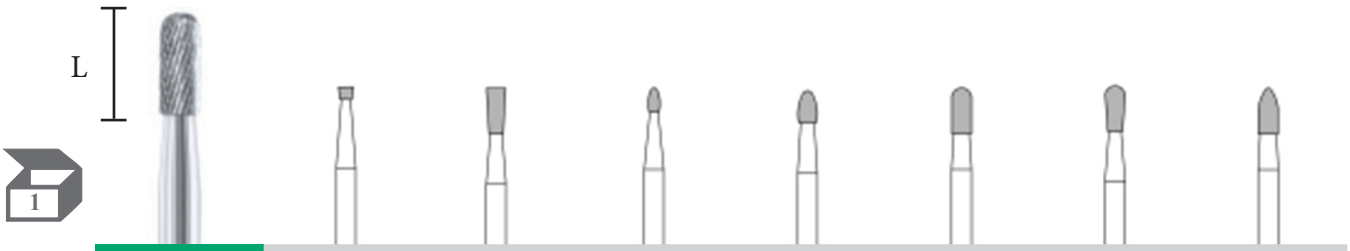


Fig.	S420FFX	S422FFX	S423FFX	S423FFX	S426FFX	S427FFX	S428FFX
Size	018	023	014	023	023	023	023
L mm	1.4	5.5	2.9	3.8	5.5	5.5	5.5
Shape	Inverted Cone	Inverted Cone	Egg	Egg	RD Cylinder	Pear	Torpedo



Fig.	S433FFX	S433FFX
Size	014	023
L mm	3.5	5.5
Shape	Cone	Cone

All Carbide Cutters Are HP (Handpiece Shank Size)
Unless Denoted Differently

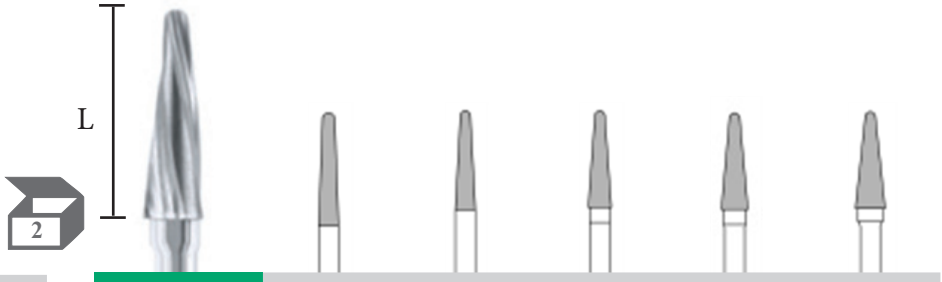
CNC & MILLING Carbide Cutters

Fig. 444FR (Parallel Wax Cutter)



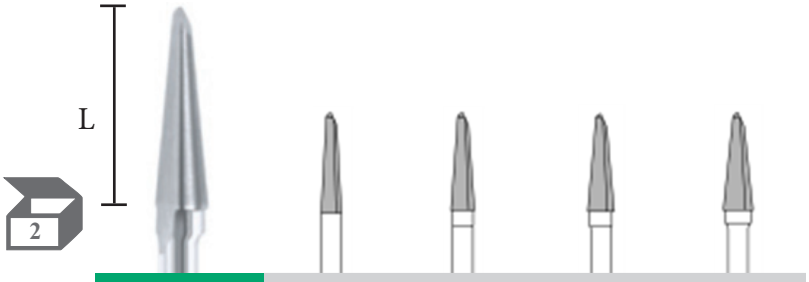
HP- Short		
Size	015	023
L mm	10.0	12.0

Fig. 445SR (Cone Wax Cutter)



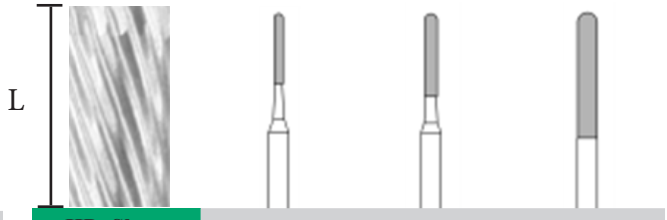
HP- Short	2 Degrees	3 Degrees	4 Degrees	5 Degrees	6 Degrees
Size	023	023	028	032	036
L mm	13.6	11.9	11.4	11.4	11.4

Fig. 445SR (Cone Wax Cutter)



HP- Short	3 Degrees	4 Degrees	5 Degrees	6 Degrees
Size	023	028	032	036
L mm	11.9	11.4	11.4	11.4

Fig. 410RH (Fine Milling), Round End

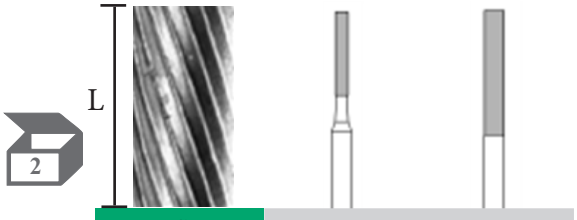


HP- Short			
Size	010	015	023
L mm	8.0	10.0	15.0



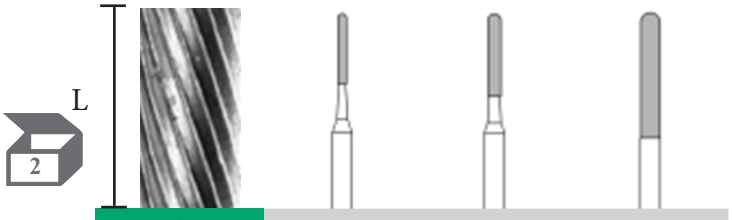
(back side chamfered cut)

Fig. 410 (Fine Milling)



HP- Short		
Size	015	023
L mm	10.0	15.0

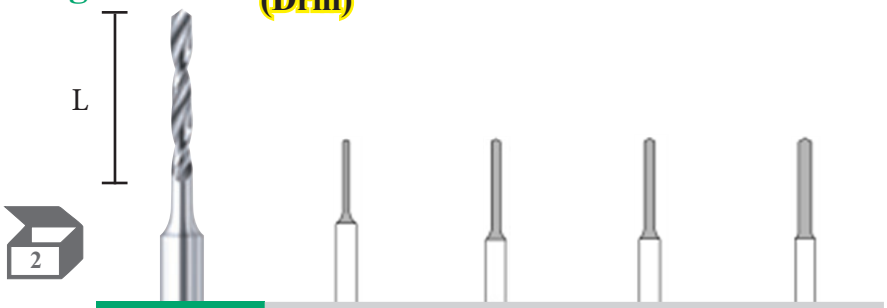
Fig. 410R (Fine Milling), Round End



HP- Short			
Size	010	015	023
L mm	8.5	10.0	15.0

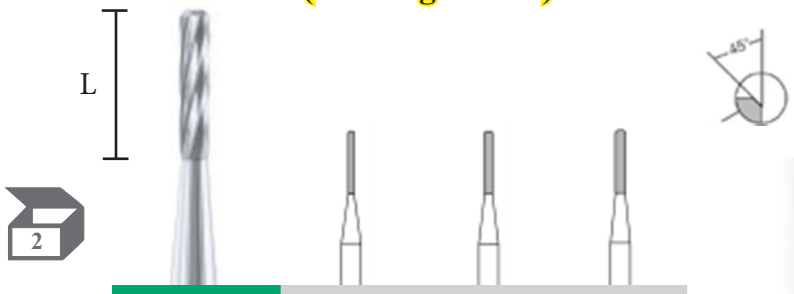
CNC & MILLING Carbide Cutters

Fig. 4203S (Drill)



HP- Short				
Size	007	010	012	015
L mm	10.0	12.0	12.0	12.0

Fig. 21XL (Groving Cutter)

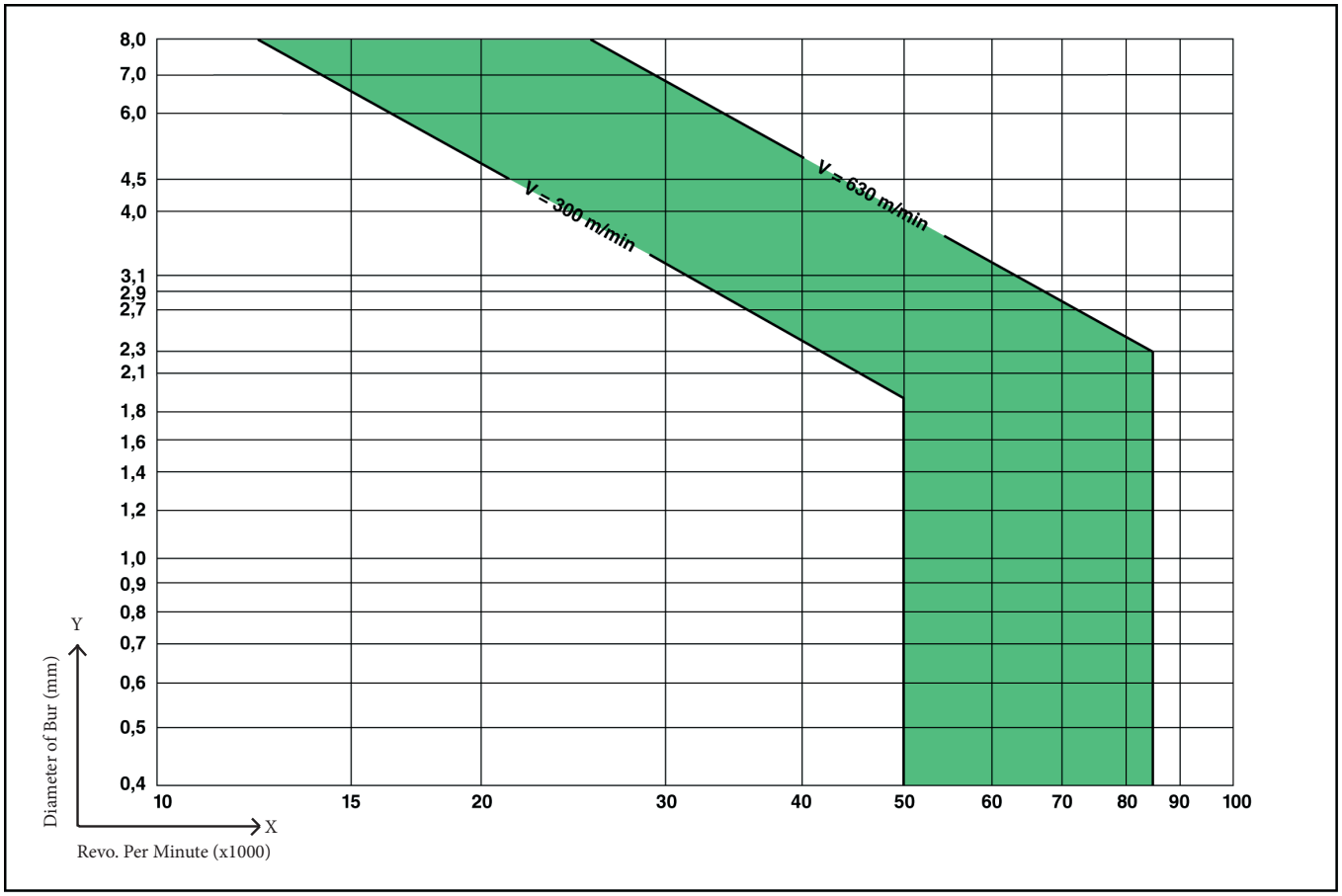


HP- Short			
Size	007	010	012
L mm	7.5	7.5	7.5





Recommended Speeds for Carbides





Abrasives (Al_2O_3) by Busch



FIG.	601	602	603	609	613	621	619	620	623	624
SIZE	030	040	050	060	065	060	050	050	060	060
mm	3.00	4.00	5.00	6.00	6.50	6.00	5.00	5.00	6.00	6.00



FIG.	627	631	632	633	636	637	638	639	640	646
SIZE	060	055	065	085	025	025	030	035	050	018
mm	6.00	5.50	6.50	8.50	2.50	2.50	3.00	3.50	5.00	1.80



FIG.	648	649	650	651	652	656	657	658	661	662
SIZE	020	025	028	033	033	040	050	065	030	035
mm	2.00	2.50	2.80	3.30	3.30	4.00	5.00	6.50	3.00	3.50





FIG.	601	602	603	609	613	621	619
SIZE	030	040	050	060	065	060	050
mm	3.00	4.00	5.00	6.00	6.50	6.00	5.00

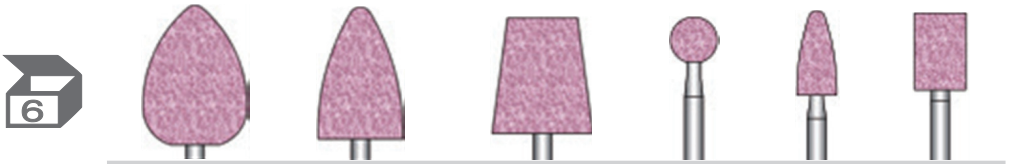


FIG.	601	602	603	609	613	621
SIZE	030	040	050	060	065	060
mm	3.00	4.00	5.00	6.00	6.50	6.00

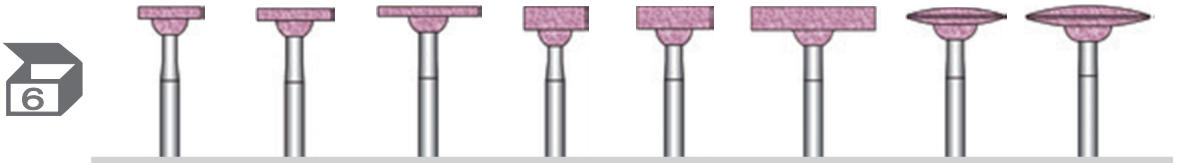


FIG.	701	702	703	711	712	716	721	722
SIZE	080	095	130	080	095	160	125	160
mm	8.00	9.50	13.00	8.00	9.50	1.60	12.50	16.00

Abrasives (SiC)Fine Grit by Busch

2MM THICK



12

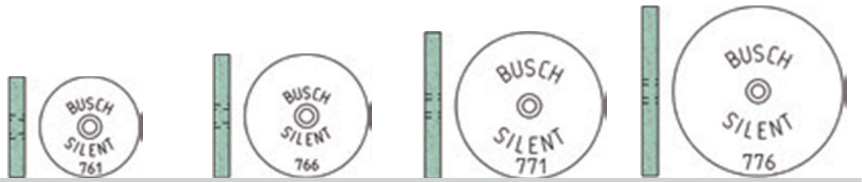


FIG.	761	766	771	776
SIZE	130	160	190	220
mm	13.00	16.00	19.00	22.00

3MM THICK



12

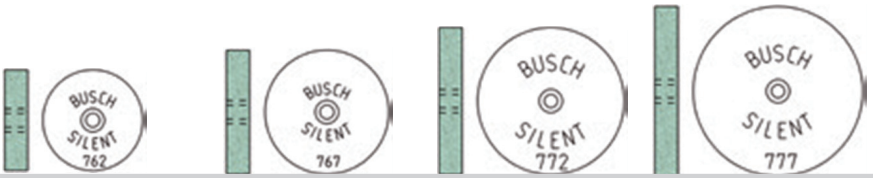


FIG.	762	767	772	777
SIZE	130	160	190	220
mm	13.00	16.00	19.00	22.00

4.5MM THICK



12

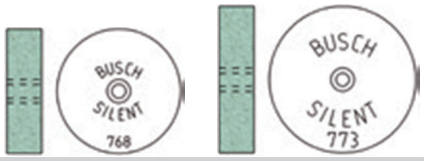
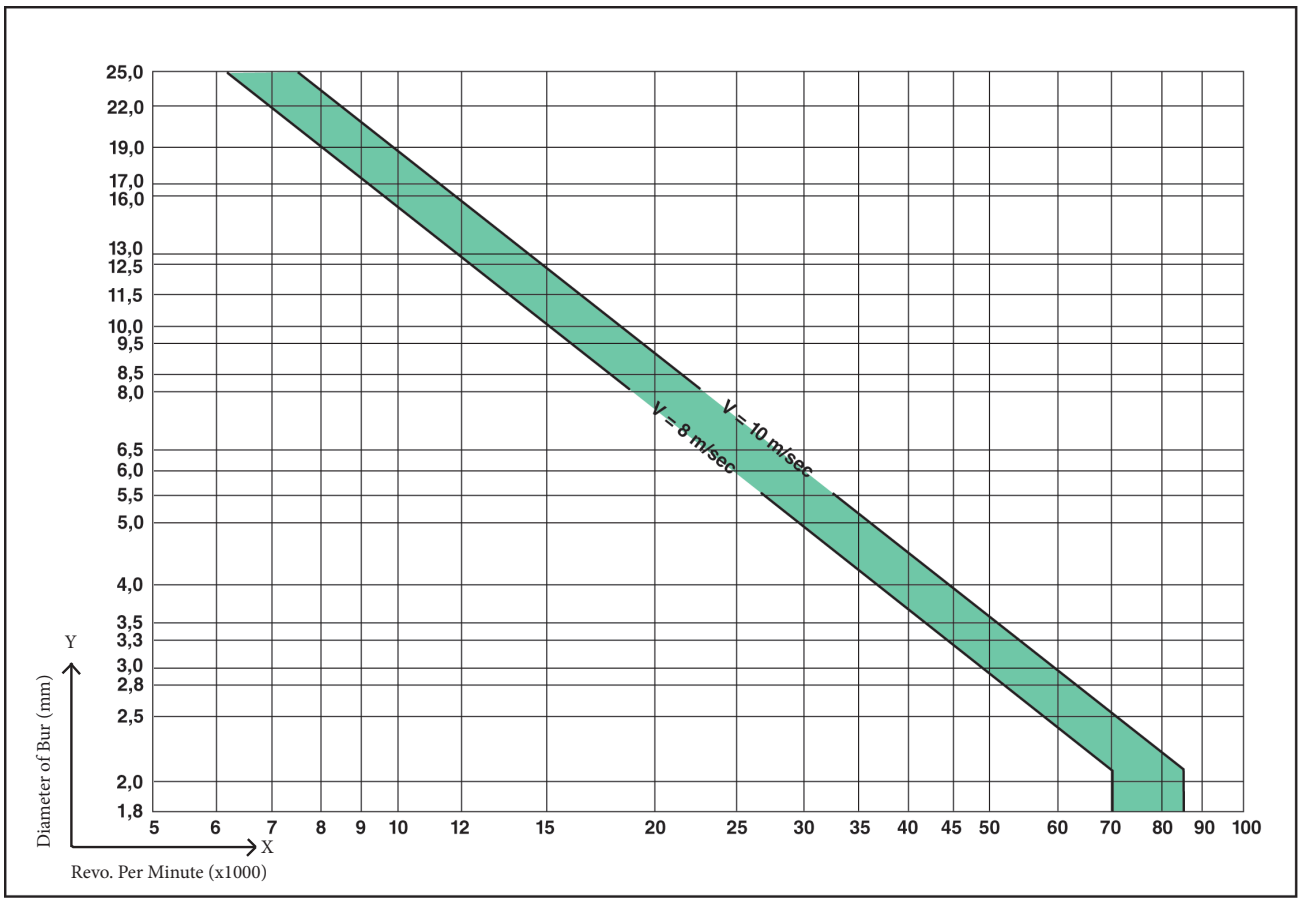


FIG.	762	773
SIZE	130	160
mm	13.00	16.00



Recommended Speeds for Abraisves

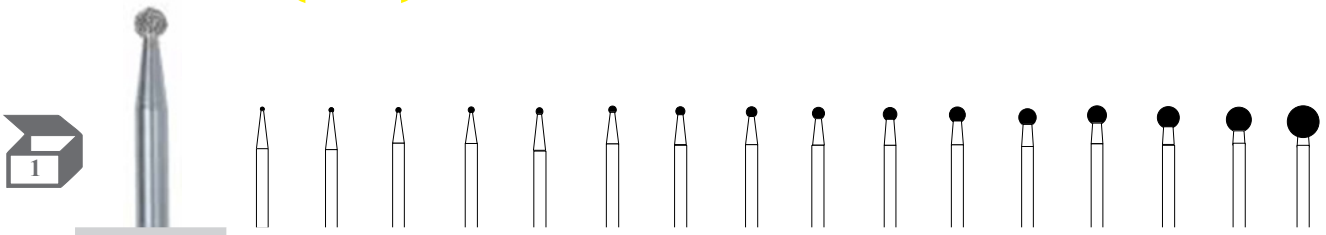


HORICO DIAMOND Dental Burs

Endodontics, Fixed Prosthodontics, Operative Dentistry

Fig. 001

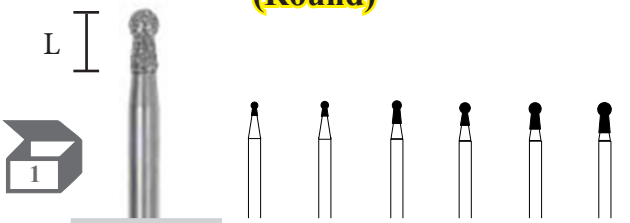
(Round)



L mm	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	2.9	3.3	4.2
FG 001	005	006	007	008	009	010	012	014	016	018	021	023	025	029	033	042
FG 001X							012	014	016	018		023	025			
FG 001G						010	012	014	016	018	021	023	025	029	033	
FG 001 C								014	016	018		023	025	029	033	
FG 001 F						010	012	014	016	018	021	023	025	029	033	
FG 001 U						010			016				025		033	

Fig. 002

(Round)



L mm	2.0	2.0	3.0	3.0	3.0	3.5
FG 002	009	010	012	014	016	018
FG 002G			012	014	016	

Fig. 005

(Diatrepano)



L mm	7.0	7.0
FG 005	009	010

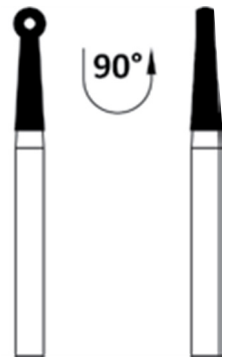
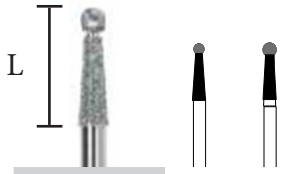


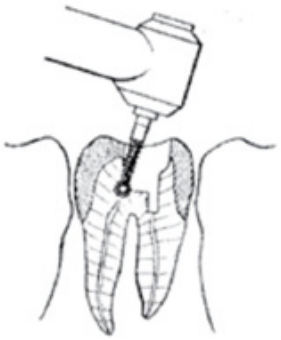
Fig. 494

(Diatrepano) carbide tip*





L mm	7.0	7.0
FG 494	014	016



Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

Pediatric Dentristy, Fixed Prosthodontics, Operative Dentistry

Fig. 010

(Inverted Cone)

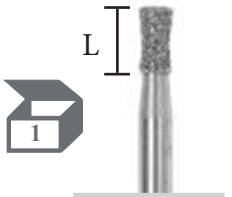


L mm	1.0	1.0	1.0	1.1	1.6	1.6	1.6	1.6	1.6
FG 010	007	008	009	010	012	014	016	018	021
FG 010G				010	012	014	016	018	
FG 010 C					012	014			



Fig. 019

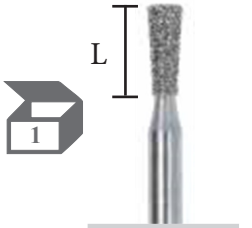
(Hourglass)



L mm	2.0	2.0	3.0	3.0	3.0
FG 019	009	010	012	014	016
FG 019G		010	012	014	

Fig. 225

(Inverted Cone)



L mm	2.0	2.0	3.0	3.0	3.0
FG 225	010	012	014	016	018
FG 225G	010	012	014	016	

Fig. 033

(Pointed Pear)



L mm	7.0	7.0
FG 033	027	033
FG 033C	027	033

Fig. 038

(Hexagonal Cylinder)



L mm	4.0	5.0	7.0	7.0
FG 038	031	033	037	047
FG 038X			037	
FG 038G		033	037	

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

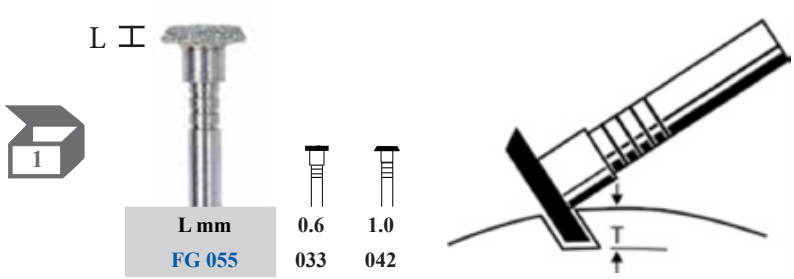
Veneer, Cermaic, Metal-Ceramic Crowns, Surgical

Fig. 041 (Small Disc)



L mm	0.5
FG 041	047

Fig. 055 (Beveled Edge Disc)



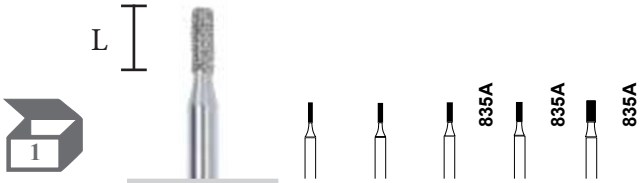
L mm	0.6	1.0
FG 055	033	042

Fig. 068 (Rounded Disc)



L mm	1.0	1.5	1.5	1.5
FG 068	037	040	045	054
FG 068G		040	045	

Fig. 108 (Cylinder)



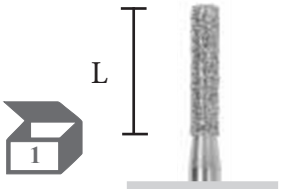
L mm	3.0	3.0	3.0	3.0	3.0
FG 108	007	008	009	010	012
FG 108X				010	012
FG 108G		008		010	012
FG 108C				010	

Fig. 109 (Cylinder)



L mm	4.0	4.0	4.0	4.0	4.0
FG 109	009	010	012	014	016
FG 109X			012	014	
FG 109G		010	012	014	016
FG 109C			012	014	

Fig. 110 (Cylinder)



L mm	6.0	6.0	6.0	6.0	6.0	6.0
FG 110	009	010	012	014	016	016
FG 110X			012	014	016	
FG 110G		010	012	014	016	018
FG 110C		010	012	014		

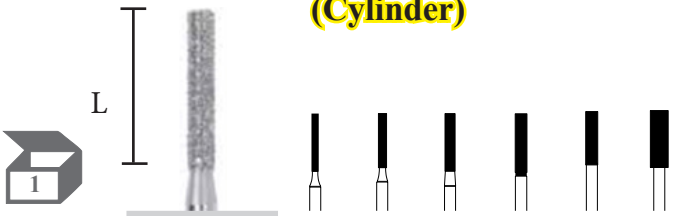
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

Veneer, Cermaic, Metal-Ceramic Crowns, Surgical

Fig. 111 (Cylinder)



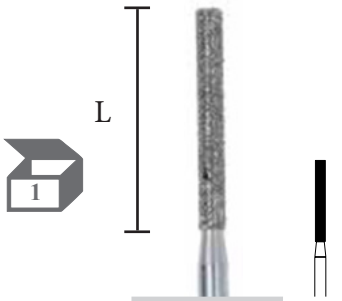
L mm	8.0	8.0	8.0	8.0	8.0	8.0
FG 111	010	012	014	016	018	025
FG 111X		012	014	016	018	
FG 111G		012	014	016	018	025
FG 111C		012	014			
FG 111F	010	012	014	016		

Fig. 112 (Cylinder)



L mm	10.0	10.0	10.0	10.0
FG 112	010	012	014	016
FG 112X			014	
FG 112G		012	014	016
FG 112C			014	

Fig. 113 (Cylinder)



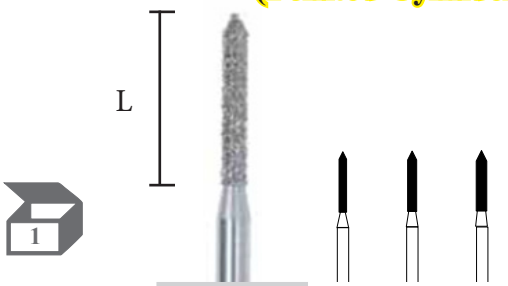
L mm	11.5
FG 113	014

Fig. 129 (Pointed Cylinder)



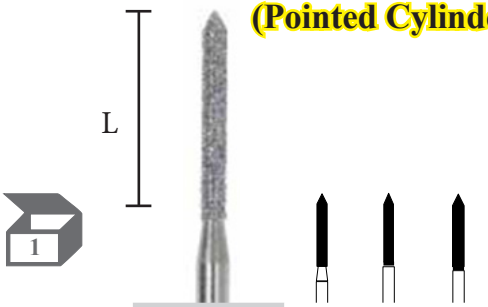
L mm	012
FG 129	014
FG 129C	012

Fig. 130 (Pointed Cylinder)



L mm	8.0	8.0	8.0
FG 130	010	012	014
FG 130G		012	014
FG 130C		012	

Fig. 131 (Pointed Cylinder)



L mm	10.0	10.0	10.0
FG 131	012	014	016
FG 131G		014	016
FG 131C	012	014	

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

Operative Dentistry, Fixed Prosthodontics

(Rounded Cylinder)

Fig. 138



L mm	3.0	3.0	3.0
FG 138	008	010	
FG 138X		010	012

(Rounded Cylinder)

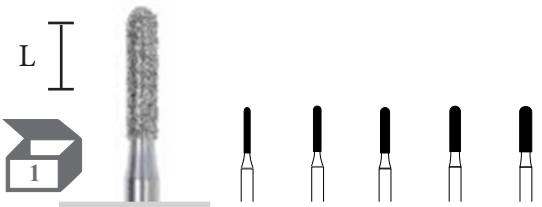
Fig. 139



L mm	4.0	4.0	4.0	4.0
FG 139	009	010	012	014
FG 139X			012	

(Rounded Cylinder)

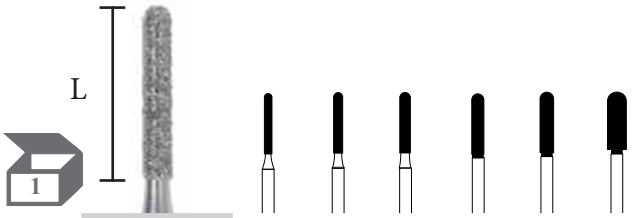
Fig. 140



L mm	6.0	6.0	6.0	6.0	6.0
FG 140	008	010	012	014	016
FG 140G		010	012	014	
FG 140C			012		

(Rounded Cylinder)

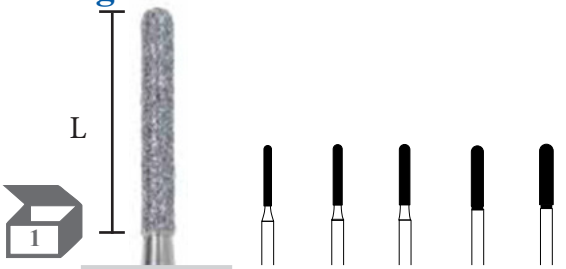
Fig. 141



L mm	8.0	8.0	8.0	8.0	8.0	8.0
FG 141	010	012	014	016	018	025
FG 141X		012	014			
FG 141G		012	014			
FG 141C	010	012	014			

(Rounded Cylinder)

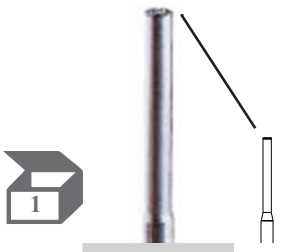
Fig. 142



L mm	10.0	10.0	10.0	10.0	10.0
FG 142	010	012	014	016	018
FG 142G		012	014	016	
FG 142C		012	014	016	

(Cylinder)

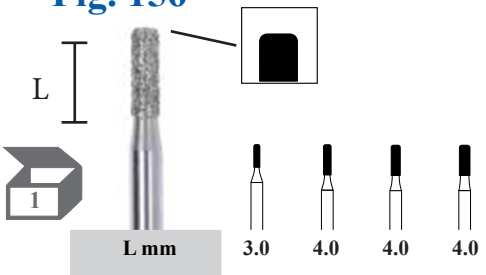
Fig. 150



L mm	
FG 150	012
FG 150C	012

(Cylinder)

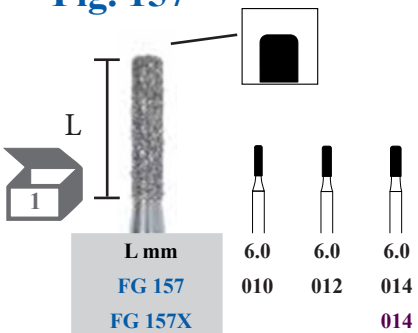
Fig. 156



L mm	3.0	4.0	4.0	4.0
FG 156	008	010	012	014
FG 156X			012	
FG 156G		010	012	014

(Cylinder)

Fig. 157



L mm	6.0	6.0	6.0
FG 157	010	012	014
FG 157X			014
FG 157G		012	014
FG 157C	010	012	014

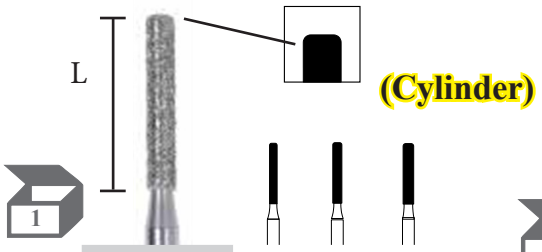
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

Operative Dentistry, Fixed Prosthodontics

Fig. 158

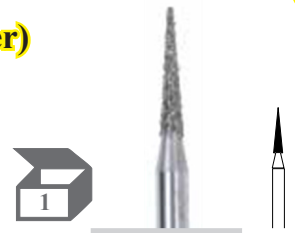


(Cylinder)

L mm	8.0	8.0	8.0
FG 158	010	012	014
FG 158G		012	014
FG 158C	010	012	014

Fig. 164

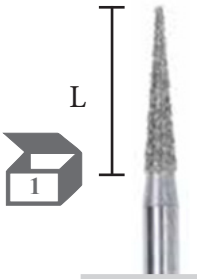
(Cone)



L mm	
FG 164	012
FG 164F	012

Fig. 165

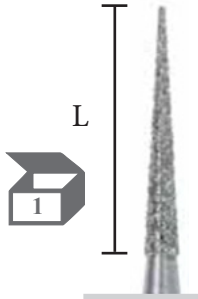
(Cone)



L mm	8.0	8.0	7.0	7.0	7.0
FG 165	010	012	014	016	018
FG 165G	010	012	014		
FG 165F	010	012	014		
FG 165U	010	012	014		

Fig. 166

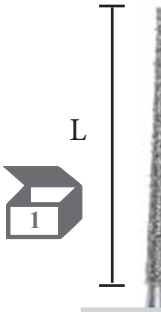
(Cone)



L mm	10.0	10.0	10.0	10.0	10.0
FG 166	010	012	014	016	018
FG 166G		012	014	016	018
FG 166C		012	014	016	018
FG 166F	010	012	014	016	018
FG 166U		012	014		018

Fig. 167

(Cone)



L mm	11.5	11.5	11.5	11.5
FG 167	011	014	016	018
FG 167G		014	016	
FG 167F	011	014	016	



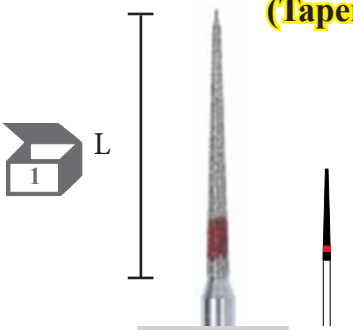
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

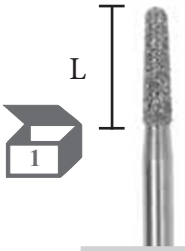
Crown Prepartion, Tapered Chamfer

Fig. 188 (Tapered Cone)



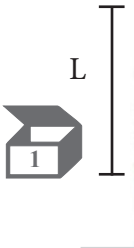
L mm	12
FG 188C	010

Fig. 197 (Rounded, Tapered Cone)



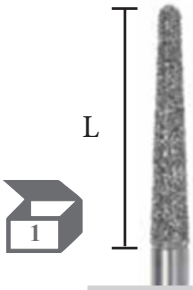
L mm	6.0	6.0	6.0	7.0
FG 197	012	014	016	025
FG 197X			016	025
FG 197G	012		016	025
FG 197C	012			

Fig. 198 (Rounded, Tapered Cone)



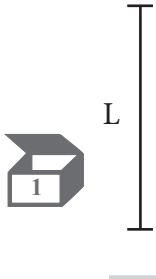
L mm	8.0	8.0	8.0	8.0	8.0	8.0
FG 198	010	012	014	016	018	025
FG 198X			014	016	018	
FG 198G		012	014	016	018	025
FG 198C		012	014	016	018	025

Fig. 199 (Rounded, Tapered Cone)



L mm	10.0	10.0	10.0	10.0	10.0	10.0	10.0
FG 199	010	012	014	016	018	023	025
FG 199X			014	016	018		
FG 199G		012	014	016	018	023	025
FG 199C		012	014	016	018		025
FG 199F	010	012	014	016	018		025
FG 199U							025

Fig. 200 (Rounded, Tapered Cone)



L mm	11.5	11.5	11.5	11.5
FG 200	012	014	016	023
FG 200G		014	016	

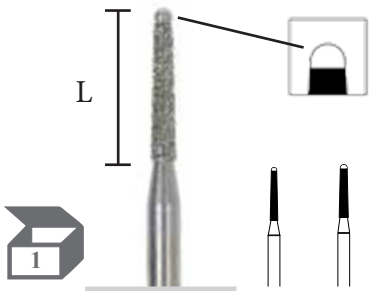
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

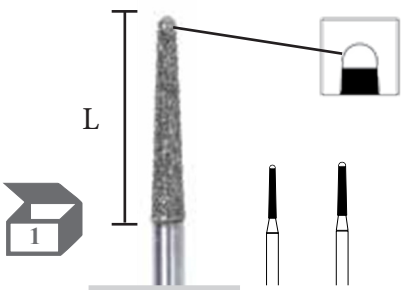
Operative Dentistry

Fig. 218 (Cone) Safe End



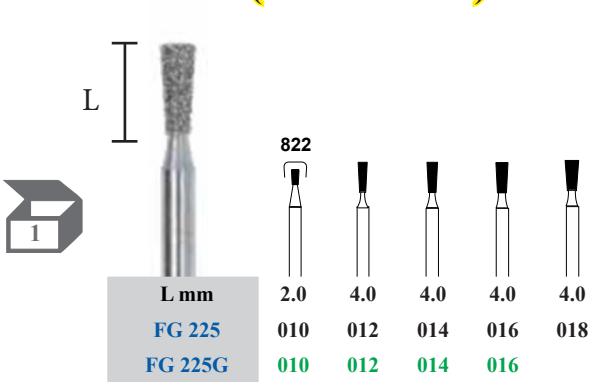
L mm	7.0	7.0
FG 218	010	012

Fig. 220 (Cone) Safe End



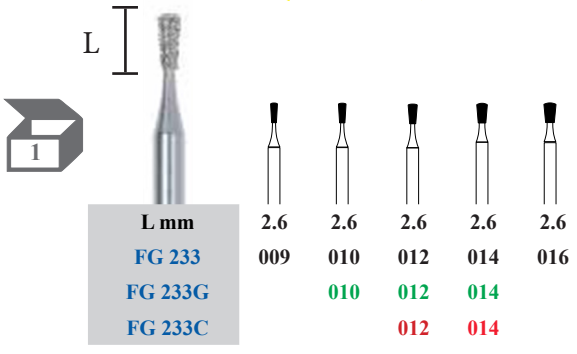
L mm	10.0	10.0	10.0
FG 220	012	014	016
FG 220C	012		
FG 220F	012		

Fig. 225 (Inverted Cone)



L mm	2.0	4.0	4.0	4.0	4.0
FG 225	010	012	014	016	018
FG 225G	010	012	014	016	

Fig. 233 (Rounded, Inverted Cone)



L mm	2.6	2.6	2.6	2.6	2.6
FG 233	009	010	012	014	016
FG 233G		010	012	014	
FG 233C			012	014	

Fig. 234 (Rounded, Inverted Cone)



L mm	4.0	4.0	5.0	5.0
FG 234	010	012	014	016
FG 234X		012	014	
FG 234G		012	014	016
FG 234C		012	014	

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

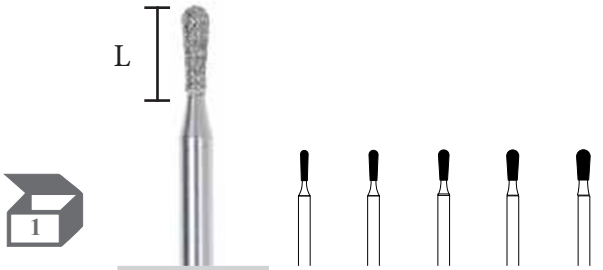
Operative Dentistry

Fig. 237 (Pear Shaped)



L mm	2.5	3.0	3.0	3.0	3.0
FG 237	008	009	010	012	014
FG 237X				012	
FG 237G			010	012	014
FG 237C				012	014

Fig. 238 (Pear Shaped)



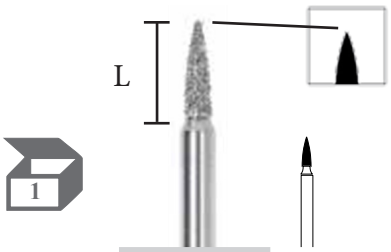
L mm	4.0	4.0	4.0	4.0	4.0
FG 238	010	012	014	016	018
FG 238X		012	014		
FG 238G	010	012	014	016	018
FG 238C		012		016	

Fig. 239 (Pear Shaped)



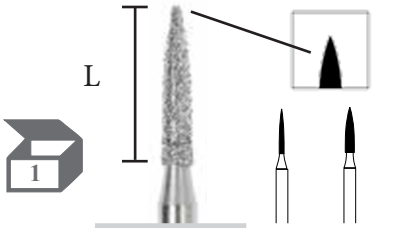
L mm	5.0	5.0	5.0	5.0	5.0	7.0
FG 239	012	014	016	018	021	025
FG 239X		014	016	018		
FG 239G		014	016	018		
FG 239C		014				

Fig. 247 (Flame)



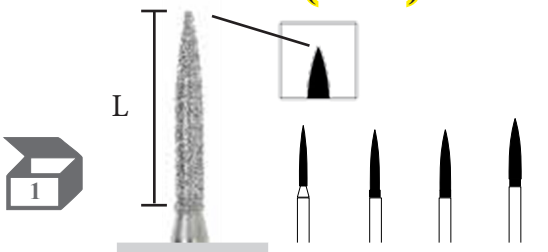
L mm	4.0
FG 247	012
FG 247F	012

Fig. 248 (Flame)



L mm	3.6	6.0
FG 248		012
FG 248C	007	012
FG 248F		012
FG 248U		012

Fig. 249 (Flame)



L mm	8.0	8.0	8.0	8.0
FG 249	010	012	014	016
FG 249G	010	012	014	016
FG 249C	010	012	014	
FG 249F	010	012	014	016
FG 249U	010	012	014	

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

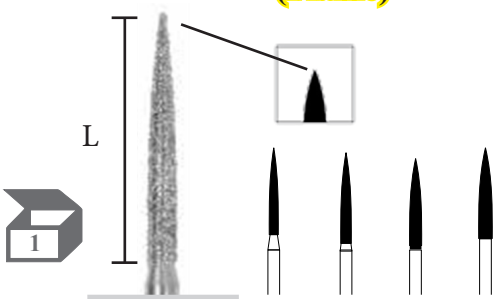
Crowns, Veneers, and Inlays

Fig. 250 (Flame)



L mm	10.0	10.0	10.0	10.0	10.0
FG 250	010	012	014	016	018
FG 250X				016	018
FG 250G		012	014		
FG 250C		012	014		
FG 250F	010	012	014	016	018

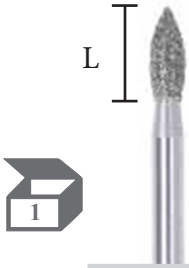
Fig. 251 (Flame)



L mm	11.5	11.5	11.5	11.5
FG 251	012	014	016	018
FG 251C	012		016	



Fig. 257 (Flame)



L mm	3.0	3.5	4.5	5.0	5.0
FG 257	014	016	018	023	025
FG 257X			018	023	
FG 257G			018	023	
FG 257C		016	018	023	
FG 257F	014	016	018	023	
FG 257U			018	023	

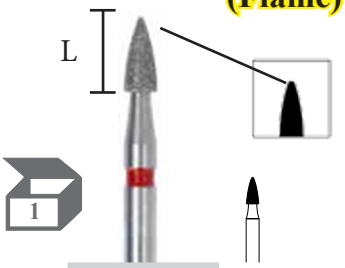
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

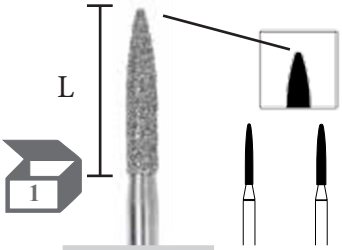
Operative Dentistry

Fig. 272 (Flame)



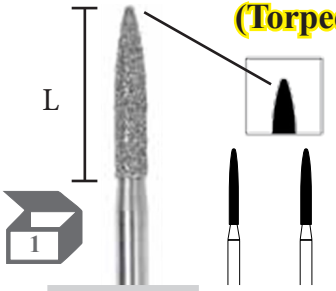
L mm	3.5
FG 272C	016
FG 272F	016

Fig. 273 (Torpedo)



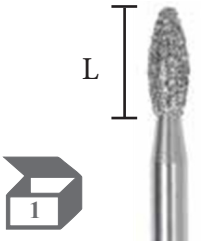
L mm	8.0	8.0	8.0	8.0
FG 273	010	012	014	016
FG 273X		012	014	016
FG 273G	010	012	014	016
FG 273C	010	012	014	016
FG 273F		012	014	

Fig. 274 (Torpedo)



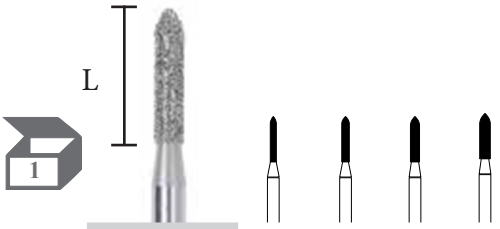
L mm	10.0	10.0	10.0	10.0	10.0
FG 274	012	014	016	018	025
FG 274X	012	014	016		
FG 274G	012	014	016		
FG 274C	012	014	016		
FG 274F	012	014	016		
FG 274U	012				

Fig.277 (Egg Shape)



L mm	3.0	3.0	3.5	4.5	4.5	4.5	7.0
FG 277	012	014	016	018	023	025	
FG 277X				018	023		
FG 277G		014		018	023	025	037
FG 277C			016	018	025	025	
FG 277F		014	016	018	023	025	
FG 277U				018	023		

Fig. 288 (Torpedo)



L mm	6.0	6.0	6.0	6.0
FG 288	008	010	012	014
FG 288G		010	012	014
FG 288C		010	012	



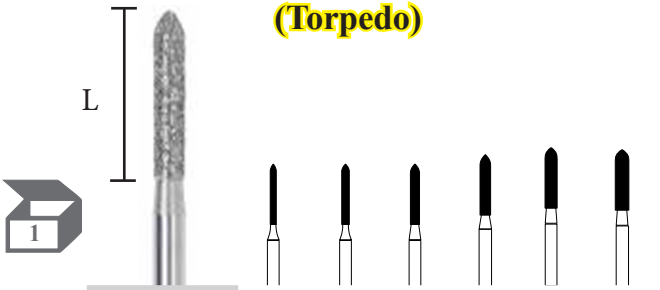
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

Operative Dentistry

Fig. 289 (Torpedo)



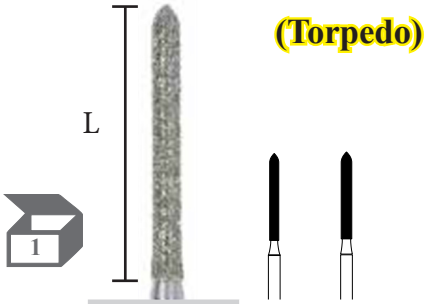
L mm	8.0	8.0	8.0	8.0	8.0	8.0
FG 289	008	010	012	014	016	018
FG 289X			012	014	016	
FG 289G		010	012	014	016	
FG 289C	008	010	012	014	016	
FG 289F			012	014		

Fig. 290 (Torpedo)



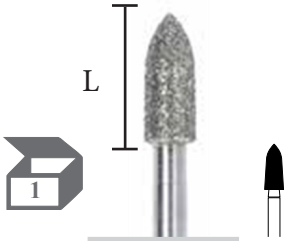
L mm	10.0	10.0	10.0	10.0	10.0
FG 290	010	012	014	016	018
FG 290X		012	014	016	
FG 290G	010	012	014	016	
FG 290C		012	014	016	

Fig. 291 (Torpedo)



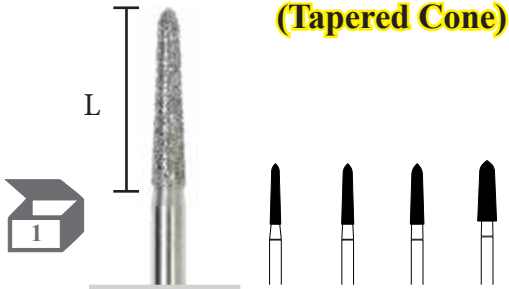
L mm	10.0	10.0
FG 291	010	012
FG 291G		012
FG 291F	010	012

Fig. 297 (Pointed Bullet)



L mm	10.0
FG 297	025
FG 297C	025

Fig. 298 (Tapered Cone)



L mm	8.0	8.0	8.0	8.0
FG 298	014	016	018	025
FG 298X	014	016	018	
FG 298G	014	016	018	
FG 298C	014	016		

Fig. 299 (Tapered Cone)



L mm	10.0	10.0	10.0	10.0	10.0
FG 299	012	014	016	018	021
FG 299X			016	018	
FG 299G	012	014	016	018	021
FG 299C		014	016	018	

Fig. 304 (Discus)



L mm	10.0
FG 304	025

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

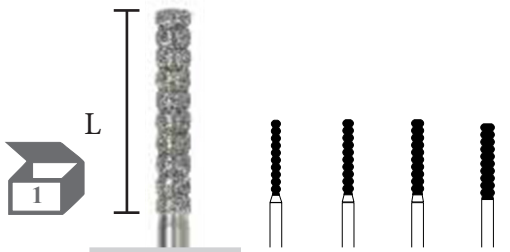
Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

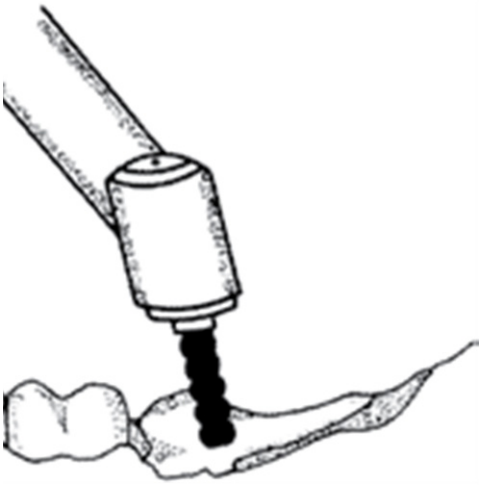
Operative Dentistry

For Removal of Misaligned Wisdom Teeth

Fig. 515 (Indented Cylinder)

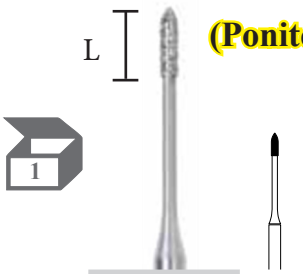


L mm	10.0	10.0	10.0	10.0
FG 515	012	014	016	018
FG 515G		014	016	



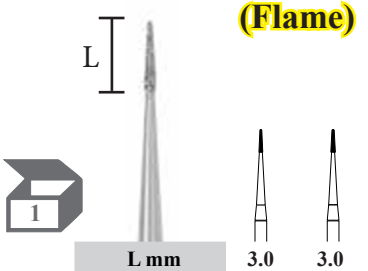
Micro-Prep Instruments

Fig. 535 (Ponited Cylinder)



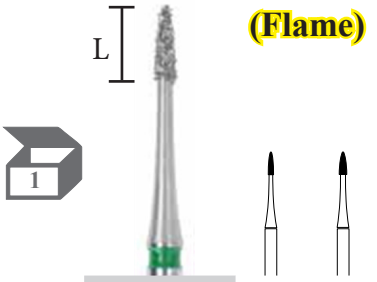
L mm	3.0
FG 535	010

Fig. 699 (Flame)



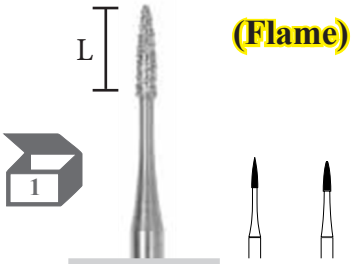
L mm	3.0	3.0
FG 699		006
FG 699F	005	

Fig. 539 (Flame)



L mm	3.0	3.0
FG 539		010
FG 539G		010
FG 539C	007	
FG 539F	007	

Fig. 540 (Flame)



L mm	4.0	4.0
FG 540		010
FG 540G		010
FG 540C	008	
FG 540F	008	

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

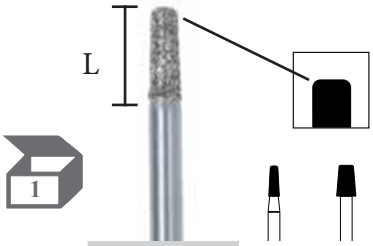
Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

Operative Dentistry

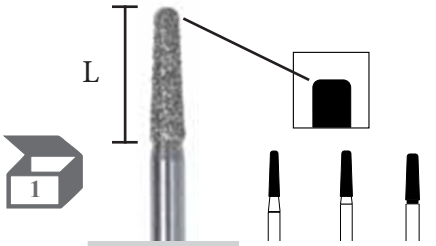
All Ceramic, Crowns, Veneer, Inlay and Onlay

Fig. 544 (Tapered Cone)



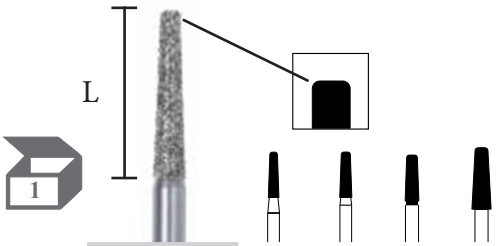
L mm	4.0	4.0
FG 544	016	025
FG 544G		025
FG 544C		025

Fig. 545 (Tapered Cone)



L mm	6.0	6.0	6.0
FG 545	014	016	018
FG 545G		016	
FG 545C		016	

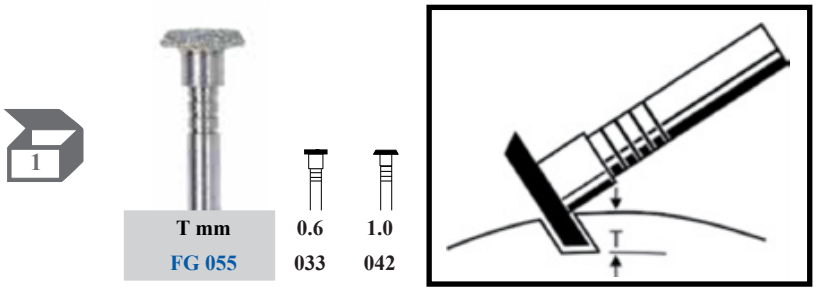
Fig. 545 (Tapered Cone)



L mm	8.0	8.0	8.0	8.0
FG 545	014	016	018	025
FG 545G	014	016	018	
FG 545C		016		025

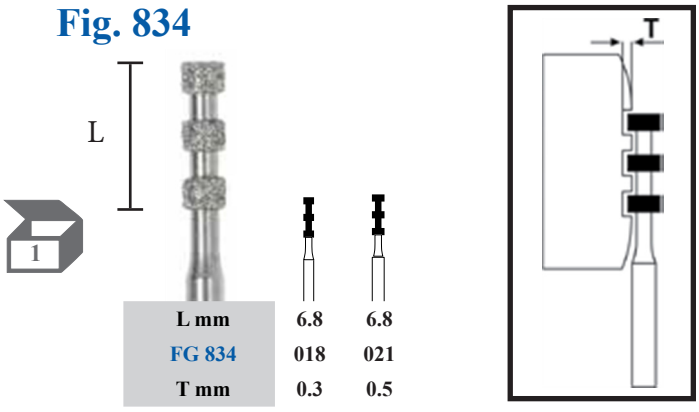
Depth Marking Instuments

Fig. 055



T mm	0.6	1.0
FG 055	033	042

Fig. 834



L mm	6.8	6.8
FG 834	018	021
T mm	0.3	0.5

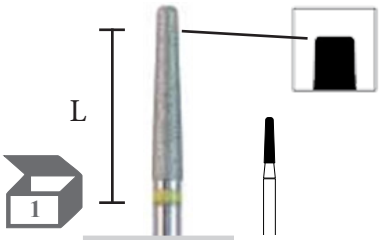
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

Operative Dentistry, Fixed Prosthodontics

Fig. 553 (Tapered Cone)



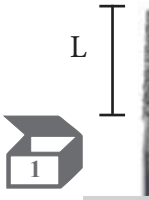
L mm	10
FG 553F	018

Fig. 170 (Tapered Cone)



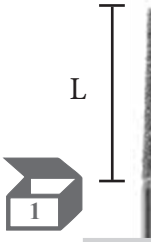
L mm	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0
FG 170	008	009	010	012	014	016	018	021	025
FG 170X				012					
FG 170G				012	014	016			

Fig. 171 (Tapered Cone)



L mm	6.0	6.0	6.0	7.0
FG 171	012	014	016	025
FG 171G	012	014	016	

Fig. 172 (Tapered Cone)



L mm	8.0	8.0	8.0	8.0	8.0	8.0
FG 172	010	012	014	016	018	025
FG 172G		012	014	016	018	025
FG 172C			014	016		

Fig. 173 (Tapered Cone)



L mm	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
FG 173	010	012	014	016	018	023	025	031
FG 173X			014	016	018		025	
FG 173G		012	014	016	018		025	
FG 173C			014	016				
FG 173F				016				

Fig. 174 (Tapered Cone)



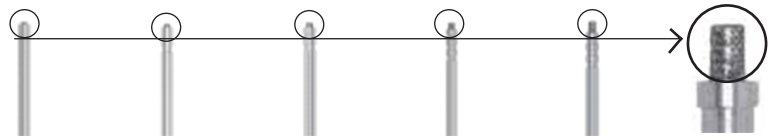
L mm	11.5	11.5	11.5	11.5
FG 171	012	014	016	018

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

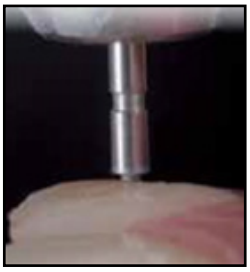
Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

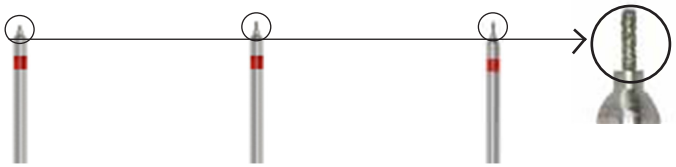
HORICO DIAMOND Dental Burs

Depth Marking Instruments for Veneers



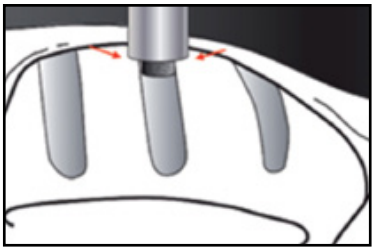
T/L mm	0.3	0.5	0.7	1.0	1.5
FGAS	008	008	008	008	008
ORDER #	FGAS 003 008	FGAS 005 008	FGAS 007 008	FGAS 010 008	FGAS 015 008





T/L mm	0.5	1.0	1.5
FGAS	004	004	004
ORDER #	FGASM 005C 004	FGASM 010C 004	FGASM 015C 004





The unique shape of the "AS" diamond depth markers ensures a strictly defined and even removal depth.

Important for the clinical success of veneers:

1) the required minimum removal depth is respected,

2) the penetration into the enamel is not too deep and

3) as even as possible.

Solution: With the AS burs, the right-angled stabilising ring below the diamond-coated head ensures a securely guided cut. Too deep penetration or tilting of the bur is prevented (developed with Dr. Attilio Sommella).

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

Surgical Dentistry

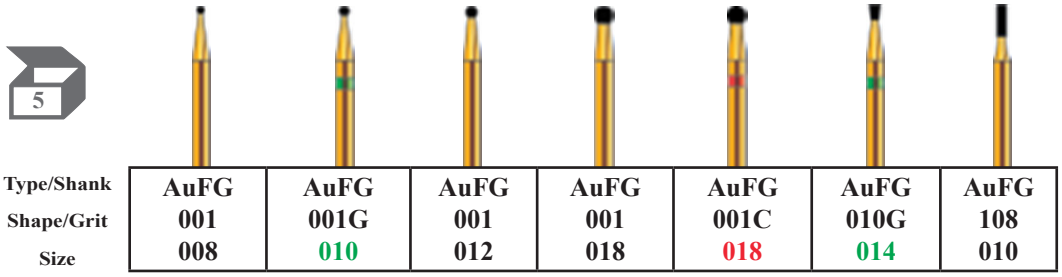


Loin Diamond Instruments

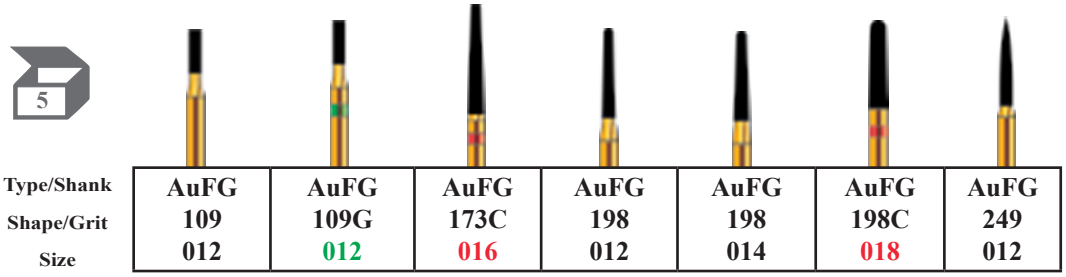
Fast and durable on hard ceramics like zirconia and lithium-di-silcate, cut even faster – reduced chairtime through cutting efficiency; which is increased by at least 20% (mm/min) on all other materials, cooler compaivred to standard burs in treatments with the same duration

Excellent price/performance ratio

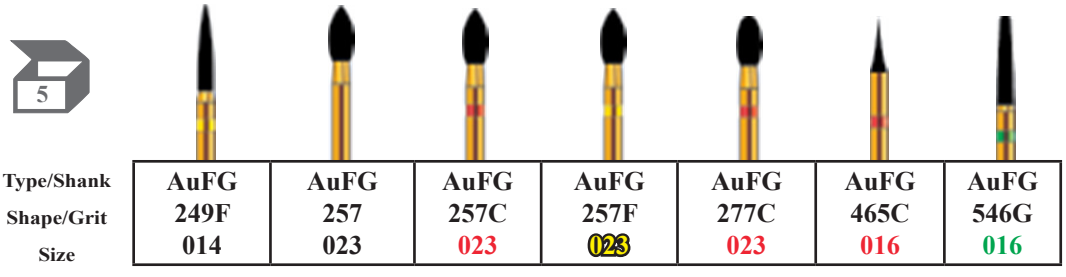




Type/Shank Shape/Grit Size							
5							
	AuFG 001 008	AuFG 001G 010	AuFG 001 012	AuFG 001 018	AuFG 001C 018	AuFG 010G 014	AuFG 108 010



Type/Shank Shape/Grit Size							
5							
	AuFG 109 012	AuFG 109G 012	AuFG 173C 016	AuFG 198 012	AuFG 198 014	AuFG 198C 018	AuFG 249 012



Type/Shank Shape/Grit Size							
5							
	AuFG 249F 014	AuFG 257 023	AuFG 257C 023	AuFG 257F 023	AuFG 277C 023	AuFG 465C 016	AuFG 546G 016

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND Dental Burs

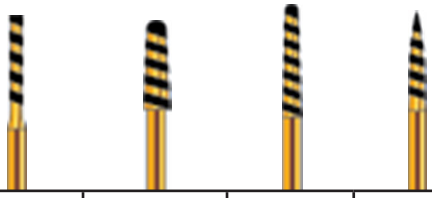
Surgical Dentistry



TURBO Diamond Instruments

Rim of each spiral works like an additional blade. Abrasive Debris is removed by the valleys between the diamond grit preventing clogging. The direction of the spiral relative to the spin creates a force toward the handpiece, therefore improving saftey.





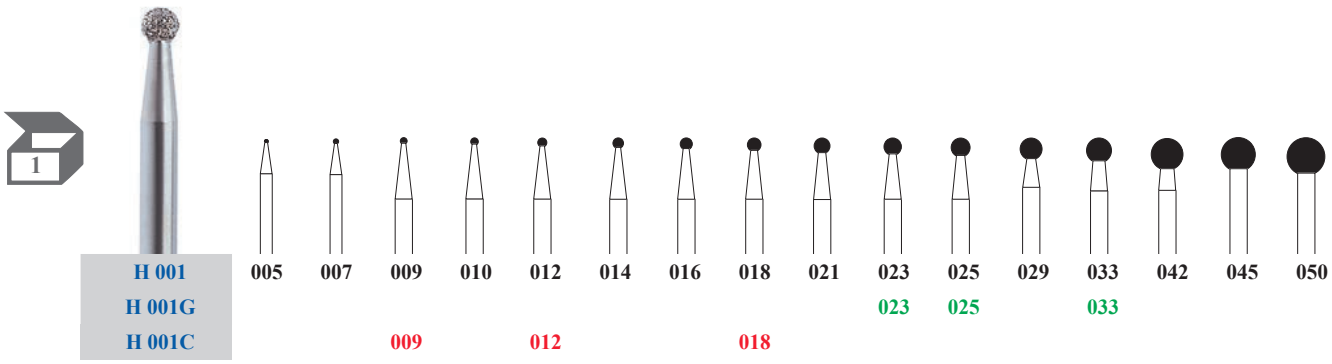
Type/Shank	TFG	TFG	TFG	TFG
Shape/Grit	111	198	199	249
Size	012	025	018	016

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO DIAMOND DENTAL LAB (HP)

Fig. 001



H 001
H 001G
H 001C

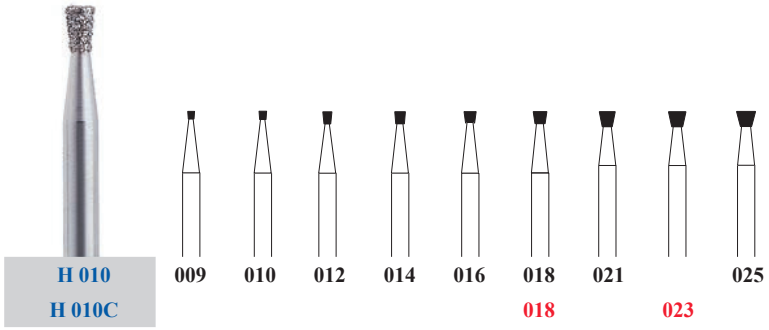
009 012 018 023 025 033

Fig. 002



H 002

Fig. 010



H 010
H 010C

018 023

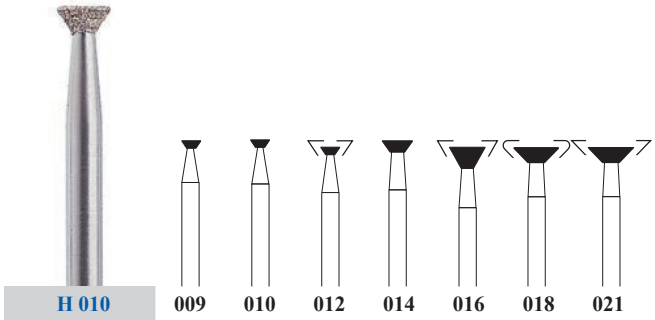
Fig. 225



H 225
H 225C

018

Fig. 014



H 010

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 019



Fig. 023



Fig. 041

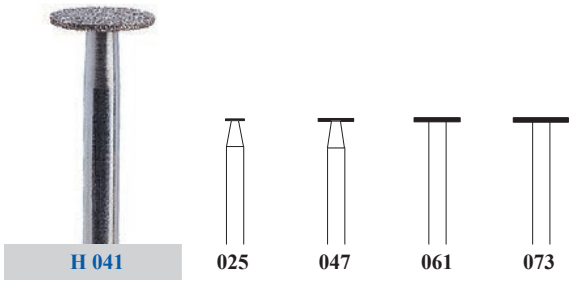


Fig. 042



Fig. 068



Fig. 109



Fig. 111

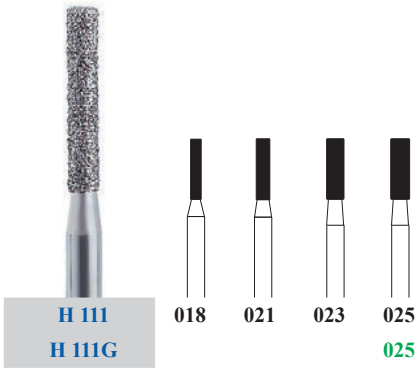


Fig. 112



Fig. 113



Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 141



H 141
H 141N

014 018 023 025 033
025

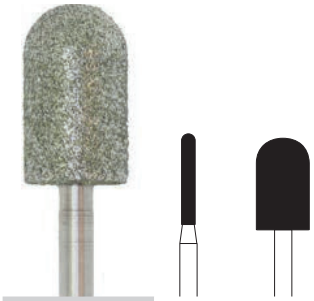
Fig. 142



H 142
H 142C

018 023
021

Fig. 143



H 143X
H 143G

070
018

Fig. 164



H 164

009

Fig. 165



H 165

010 014 016 018

Fig. 166



H 001
H 001G
H 001C

010 014 016 018
018
010 014 018

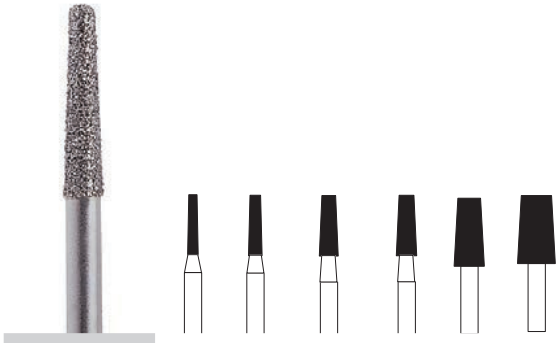
Fig. 167



H 167
H 167C
H 167F

014 018
018
018

Fig. 172



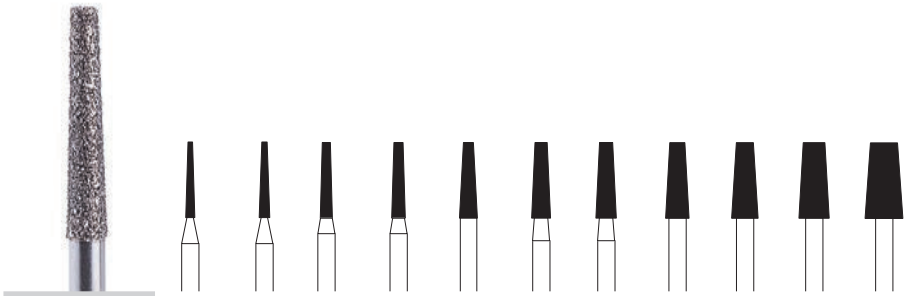
H 172
H 172G

014 018 025 027 040 050
040

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

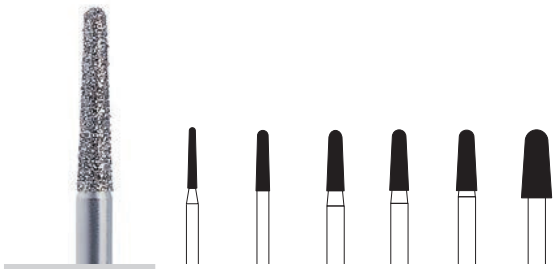
Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 173



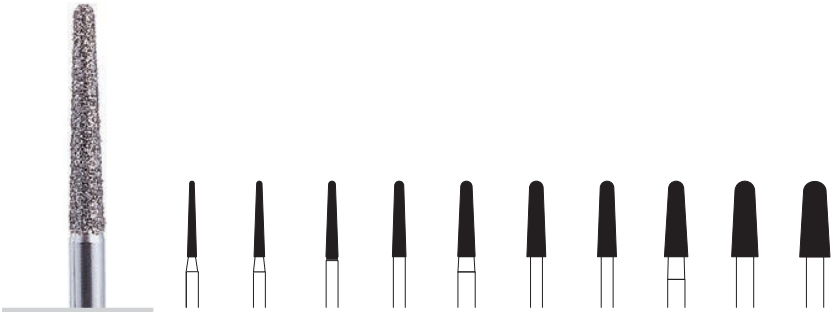
H 173	012	014	016	018	023	025	027	031	035	040	050
H 173G				018							

Fig. 198



H 198	012	018	023	025	027	040
H 198G				025		040

Fig. 199



H 199	012	014	016	018	023	025	027	031	035	040
H 199N	012	014	016	015	023	025				
H 199G						025		031		
H 199C						025		031		

Fig. 239



H 239	021	025

Fig. 247



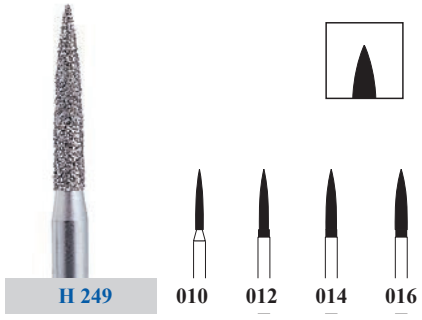
H 247	012	016
H 247 C	012	

Fig. 248



H 248F	012

Fig. 249

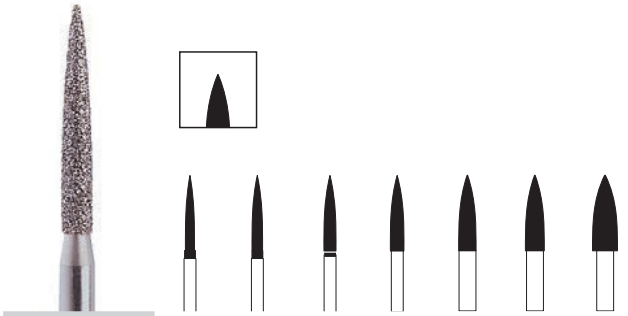


H 249	010	012	014	016

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 250



H 250	012	014	016	018	023	025	033
H 250N	012	014					
H 250G				018		025	

Fig. 251



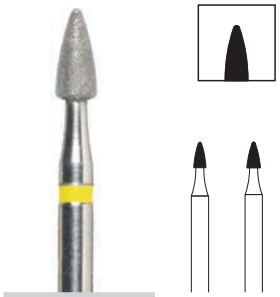
H 251	014	018

Fig. 257



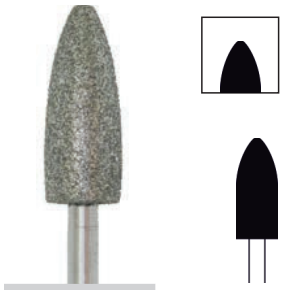
H 257	023
H 257C	023

Fig. 272



H 272N		012
H 272F	016	

Fig. 274



H 274	060
H 274X	060

Fig. 277



H 277	014

Fig. 291



H 291	012	014

Fig. 292



H 292	020	012

Fig. 298

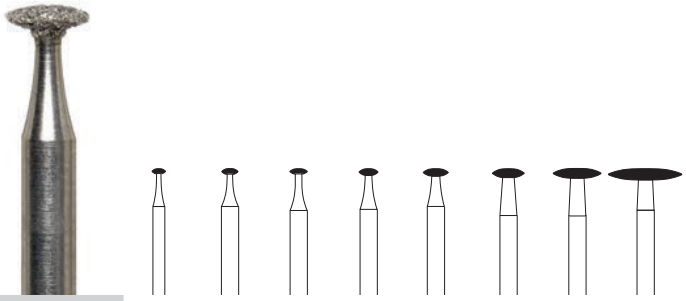


H 298	012

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 304



H 304
H 304C

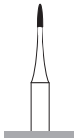
018 021 023 025 033 042 063 097

025 063

Fig. 539



H 539F



007

Fig. 540



H 540F

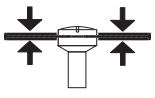


008

HORICO DIAMOND DISCS

Fig. 321





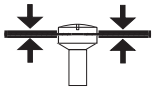
Thickness (mm)	0.5	0.5
Order No.	H 321 190	H 321 220





Fig. 327





Thickness (mm)	0.5	0.5
Order No.	H 321 190 H 321G190	H 321 220 H321G220

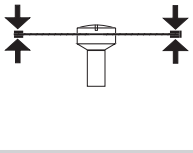




Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

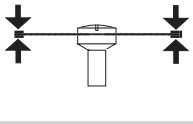
Fig. 332 C





Thickness (mm)	0.3
Order No.	H 332 C 300

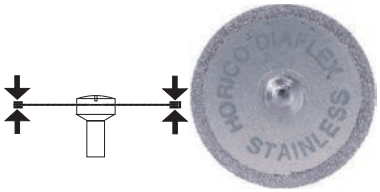
Fig. 333 C





Thickness (mm)	0.3	0.3	0.35
Order No.	H 333 C 300	H 333 C 380	H 333 C 450

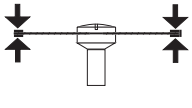
Fig. 340



Thickness (mm)	0.3	0.3	0.3
Order No.	H 340 160	H 340 190	H 340 220

DIAFLEX ®

Fig. 340C





Thickness (mm)	0.2	0.3	0.35
Order No.	H 340 C 240	H 340 C 300	H 340 C 450

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 340F

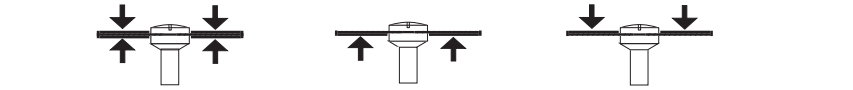


Thickness (mm)	0.20	0.30	0.30
Order No.	H 340 F 240	H 340 F 300	H 340 F 450

DIAFLEX ®



Fig. 345 346 347





Thickness (mm)	0.20	0.30	0.30	0.30
Order No.	H 345 160	H 345 190	H 345 220	H 345 240
Thickness (mm)		0.20	0.20	
Order No.		H 346 190	H 346 220	
Thickness (mm)		0.20	0.20	
Order No.		H 347 190	H 347 220	

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

DIAFLEX ® Transvident

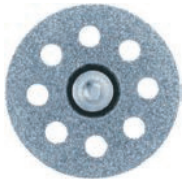
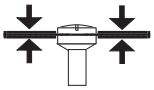
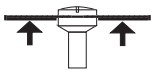


Fig. 350



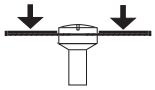


351





352





Thickness (mm)	0.30	0.30	0.30	0.30
Order No.	H 350 160	H 350 190	H 350 220	H 350 240
Thickness (mm)		0.20	0.20	
Order No.		H 351 190	H 351 220	
Thickness (mm)		0.20	0.20	
Order No.		H 352 190	H 352 220	

SUPERDIAFLEX ®

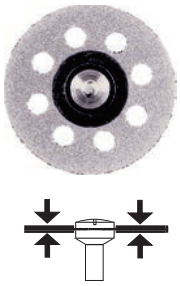


Fig. 353 C





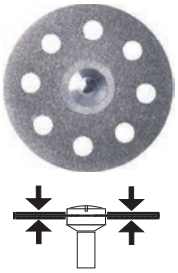


Fig. 355 F





Thickness (mm)	0.17	0.17	0.15	0.15
Order No.	H 353 C 190	H 353 C 220	H 355 F 190	H 355 F 220

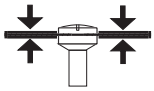
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

SUPERDIAFLEX ®



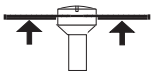
Fig. 355C





Thickness (mm)	0.17
Order No.	H 355C 130

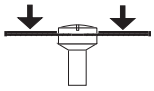
356C





Thickness (mm)	0.17
Order No.	H 355C 160
Thickness (mm)	0.12
Order No.	H 356C 190
Thickness (mm)	0.12
Order No.	H 357C 190

357C





Thickness (mm)	0.17
Order No.	H 355C 190
Thickness (mm)	0.12
Order No.	H 356C 190
Thickness (mm)	0.12
Order No.	H 357C 190

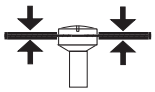


Thickness (mm)	0.17
Order No.	H 355C 220
Thickness (mm)	0.12
Order No.	H 356C 220
Thickness (mm)	0.12
Order No.	H 357C 220

SUPERDIAFLEX ®



Fig. 355F



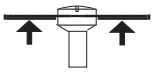


Thickness (mm)	0.15
Order No.	H 355F 100



Thickness (mm)	0.15
Order No.	H 355F 130

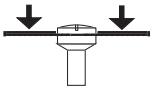
356F





Thickness (mm)	0.15
Order No.	H 355F 160

357F





Thickness (mm)	0.15
Order No.	H 355F 190
Thickness (mm)	0.15
Order No.	H 356F 190
Thickness (mm)	0.15
Order No.	H 357F 190



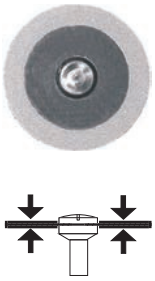
Thickness (mm)	0.15
Order No.	H355F 220
Thickness (mm)	0.15
Order No.	H 356F 220
Thickness (mm)	0.15
Order No.	H 357F 220

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

DIAFLEX ®

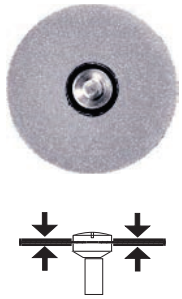
Fig. 355 SF





Thickness (mm)	0.22	0.22
Order No.	H 355SF 190	H 355SF 220

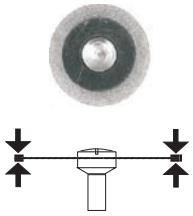
Fig. 358 F





Thickness (mm)	0.18	0.18
Order No.	H 358 F 190	H 358 F 220

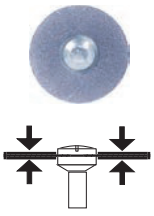
Fig. 361 F





Thickness (mm)	0.18	0.18	0.18
Order No.	H 361 F 080	H 361 F 100	H 361 F 130

Fig. 362 F





Thickness (mm)	0.18	0.18	0.18
Order No.	H 362 F 080	H 362 F 100	H 362 F 130

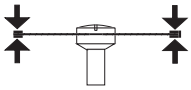
Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

SUPERDIAFLEX ®

Fig. 365 C

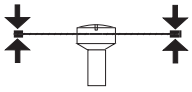








Thickness (mm)		0.30	0.35
Order No.		H 365 C 300	H 365 C 450





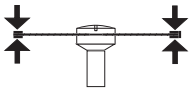




Thickness (mm)	0.17	0.17	0.17
Order No.	H 365 C 100	H 365 C 190	H 365C 220

Fig. 365 F







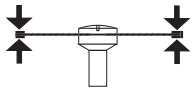




Thickness (mm)	0.15	0.15	0.15
Order No.	H 365 F 100	H 365 F 190	H 365 F 220

Fig. 368









Thickness (mm)	0.30	0.30
Order No.	H 368 190	H 368 220

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 386 Concavodisc



Thickness (mm)	0.50	0.50
Order No.	H 386 190	H 386 220

Fig. 401F



Thickness (mm)	0.15	0.15
Order No.	H 401 F 190	H 401 F 220

Fig. 635F



Thickness (mm)	0.15	0.15
Order No.	H 635 F 190	H 635 F 220

Fig. 805F



Thickness (mm)	0.15	0.15
Order No.	H 805 F 190	H 805 F 220

Fig. 806F



Thickness (mm)	0.15	0.15
Order No.	H 806 F 190	H 806 F 220

Fig. 807F



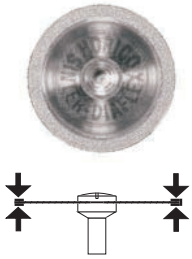
Thickness (mm)	0.15	0.15
Order No.	H 807 F 190	H 807 F 220

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

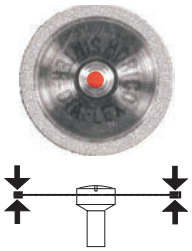
HORICO SINTERED DIAMOND DISCS

Fig. S 354



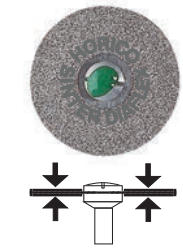
Thickness (mm)	0.30	0.30
Order No.	S-H 354 190	S-H 354 220

Fig. S 354 C



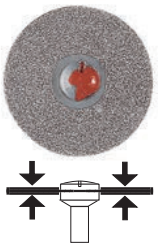
Thickness (mm)	0.25	0.25
Order No.	S-H 354 C 190	S-H 354 C 220

Fig. S 393



Thickness (mm)	0.30	0.30
Order No.	S-H 393 190	S-H 393 220

Fig. S 394 C



Thickness (mm)	0.19	0.19
Order No.	S-H 394 C 190	S-H 394 C 220

Fig. S 395 C and S 396 C

Yellow means single sided in this case, both are fine (c) grit



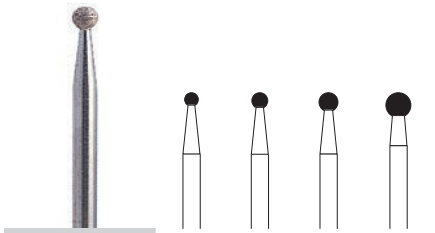
Thickness (mm)	0.16
Order No.	S-H 395 C 190
Thickness (mm)	0.16
Order No.	S-H 396 C 190

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO SINTERED DIAMONDS

Fig. 001



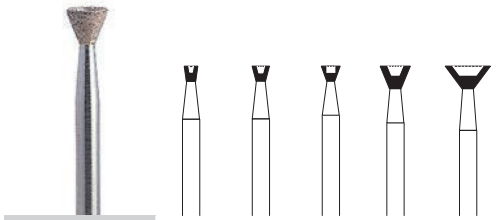
SHM 001 — 018 021 025 033

Fig. 014



SHM 014 — 018 021 060

Fig. 030

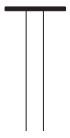


SHM 030 — 018 023 025 040 060

Fig. 041



SHM 041



080

Fig. 111



SHM 111



025

Fig. 113



SHM 113
SHM 113 G

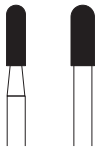


050
050

Fig. 141



SHM 141



025 031

Fig. 143



SHM 143
SHM 143 G

Fig. 165



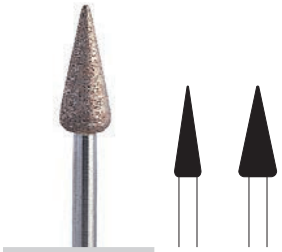
050
050



SHM 165
SHM 165 G

021 023
023

Fig. 167



SHM 167
SHM 167 G

035 050
050

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 172



Fig. 173



Fig. 198



Fig. 199



Fig. 237



Fig. 250



Fig. 251



Fig. 263

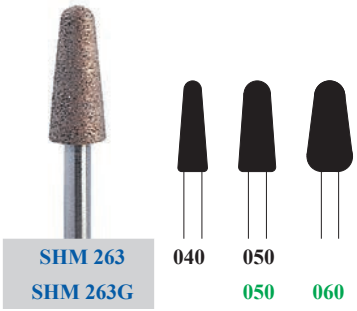


Fig. 273



Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Fig. 273



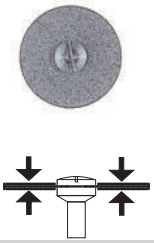
SHM 274 — 025 — 040 — 060
SHM 274G — 060

Fig. 304



SHM 304 — 025

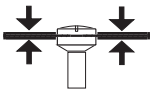
Fig. S 327



Rigid Discs

Thickness (mm)	0.40	0.30	0.30
Order No.	SHM 327 080	SHM 327 100	SHM 327 130

Fig. S 327



Rigid Discs



Thickness (mm)	0.50	0.50
Order No.	SHM 327 220	SHM 327 310

Horico Dressing Stone for Sintered Diamonds

Order # J500



Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO LAB CARBIDES



Order No.	S274 220 060	S274 212 060	S194 190 040	S194 190 045	S194 190 050	S194 190 060	S200 190 023	S237 190 023	S274 190 060	S277 190 014	S289 190 023	S161 176 060	S141 140 023



Order No.	S194 140 040	S194 145 045	S237 140 023	S274 140 060	S289 140 023	S274 137 060	S141 134 023	S198 134 040	S200 134 023	S237 134 023	S274 134 060	S289 134 023	S194 110 040

NEW KX Carbides

Clog Free and Aggressive



Order No.	S194 KX 040	S274 KX 060

NEW Polishers



Lamello Polishers, Extremely Durable, 60% Diamond



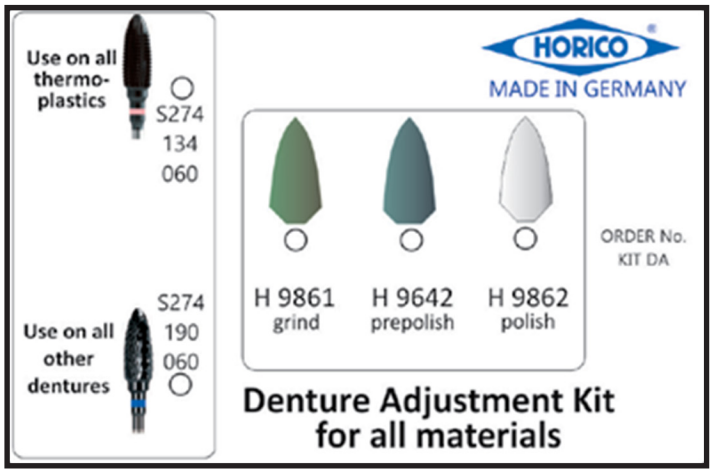
Order #	H 9910	H 9910S	H 9911	H 9911S	H 9912	H 9912S
	26 MM	14MM	26MM	14MM	26MM	14MM
	COARSE	COARSE	MEDIUM	MEDIUM	FINE	FINE

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

HORICO BUR Kits

KIT DA (Denture Adjustment)

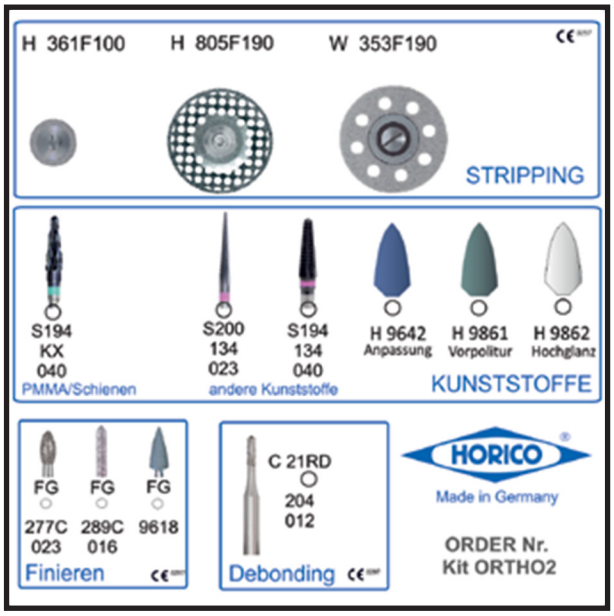
1





Kit Ortho2 (Orthodontic)

1



Pfingst Carries Multiple Horico Kits, Please Inquire

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Strip Holders (PAUL)



NEW



	Single Sided			
Width 4 mm	414Paul	F354PAUL	F354PAUL	F354PAUL
Thickness (mm)	0.05mm	0.10mm	0.14mm	0.17mm







Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Diamond Separating Strips (Stainless)



5

		Order # (Single Sided)		
Width (mm)	2 mm	F342	C 342	342
	3 mm	F343	C 343	343
	4 mm	F344	C 344	344
	6 mm	F346	C 346	346
Thickness (mm)		0.10 mm	0.14 mm	0.17 mm

Diamond Separating Strips w/ Gap (Stainless)



10

		Order # (Single Sided) w/ GAP			Double Sided w/GAP		
Width (mm)	2 mm	F352L	C 352L	352L	F352	C 352	352
	4 mm	F354L	C 354L	354L	F354	C 354	354
	6 mm	F356L	C 356L	356L	F356	C 356	356
Thickness (mm)		0.10 mm	0.14 mm	0.17 mm	0.10 mm	0.14mm	0.17mm

		Order # (Double Sided)		
Width (mm)	4 mm	F354LD	C 354LD	354 LD
Thickness (mm)		0.11 mm	0.16 mm	0.20 mm

Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Preforated Diamond Separating Stips



10

		Order # (Single Sided)			Double Sided
Width (mm)	3 mm	F 363	C 363	363	
	4 mm	F 364	C 364	364	364 D
	6 mm	F366	C 366	366	366 D
Thickness (mm)		0.10 mm	0.14 mm	0.17 mm	0.20mm

Preforated Diamond Separating Stips w/ Gap



10

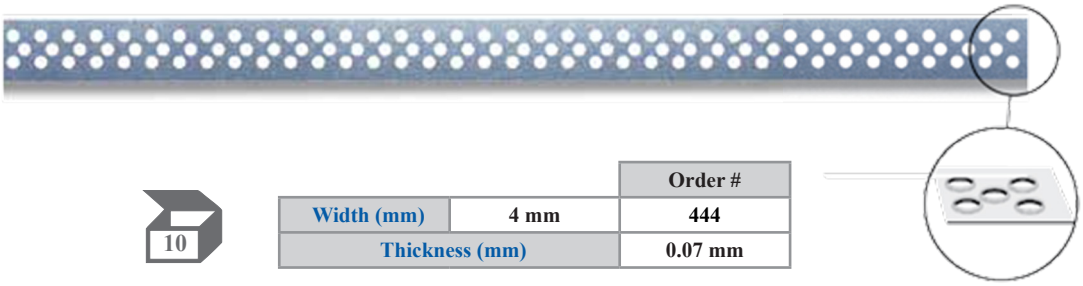
		Order # (Single Sided) w/ GAP			Double Sided w/GAP		
Width (mm)	3 mm	F373	C 373	373	F373D	C 373D	373D
	4 mm	F374	C 374	374	F374D	C 374D	374D
	6 mm	F376	C 376	376	F376D	C 376D	376D
Thickness (mm)		0.10 mm	0.14 mm	0.17 mm	0.11 mm	0.16 mm	0.20 mm



Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Perforated Steel Strips (Stainless)



10

		Order #
Width (mm)	4 mm	444
Thickness (mm)		0.07 mm

Ribbon Saw One-Sided (Stainless)



12

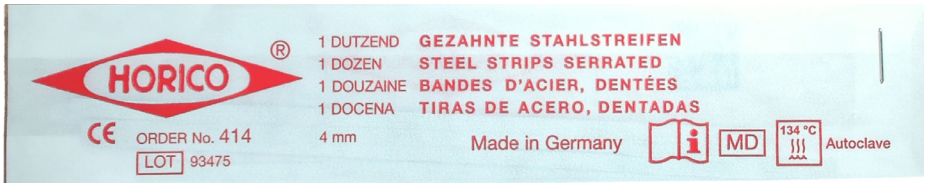
		Order #
Width (mm)	4 mm	414
	6 mm	416
	8 mm	418
Thickness (mm)		0.05 mm

Smooth Steel Strips (Stainless)



12

		Order #
Width	4 mm	404
	6 mm	406
	8 mm	408
Thickness (mm)		0.05 mm



Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Steel Carbo Strips (Stainless)



		Order # (Single Sided)				Double Sided
Width (mm)	2 mm		C 302	302		
	3 mm	F303	C 303	303		
	4 mm	F304	C 304	304	G 304	314
	6 mm	F306	C 306	306	G 306	316
	8 mm			308	G 308	318
Thickness (mm)		0.07 mm	0.09 mm	0.10 mm	0.15 mm	0.20 mm

Steel Carbo Strips w/ Gap (Stainless)



		Order # (Single Sided)				Double Sided
	3 mm	F303L	C 303L	303L		
	4 mm	F304L	C 304L	304L	G 304L	314L
	6 mm	F306L	C 306L	306L	G 306L	316L
Thickness (mm)		0.07 mm	0.09 mm	0.10 mm	0.15 mm	0.20 mm



Grit Type	Normal (N)	X-Coarse (X)	Coarse (G)	Fine (C)	X-Fine (F)	Ultra-Fine (U)	UU-Fine(UU)
Grit Size (µm)	80-120	180	120-135	45	35	5-15	2-4

Fig. No.'s without a letter are considered "STANDARD GRIT SIZE" which is 45-80 µm*

Ceramic Polishers (RA)

Cerapol Plus



L mm	10.0	6.0	7.0	10.0	3.0	6.0
Size	050	030	085	060	100	035
Order No.	0332RA	0333RA	0334RA	0335RA	0336RA	0339RA

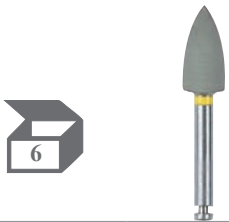
Exa Cerapol



L mm	10.0	10.0	10.0	10.0
Size	050	060	050	060
Order No.	0352RA	0355RA	0362RA	0365RA



Cerapol Super



L mm	10.0
Size	050
Order No.	0372RA



Precious Metal Alloy Polishers (RA)

AlphaFlex



L mm	14.0	14.0	10.0	6.0	7.0	10.0	3.0	1.0	6.0	6.0	9.5
Size	055	050	050	030	085	060	100	100	035	030	060
Order No.	0030RA	0031RA	0032RA	0033RA	0034RA	0035RA	0036RA	0038RA	0039RA	0053FG	0055FG



L mm	14.0	14.0	10.0	6.0	7.0	10.0	3.0	1.0	6.0	6.0	9.5
Size	055	050	050	030	085	060	100	100	035	030	060
Order No.	0130RA	0131RA	0132RA	0133RA	0134RA	0135RA	0136RA	0138RA	0139RA	0153FG	0155FG

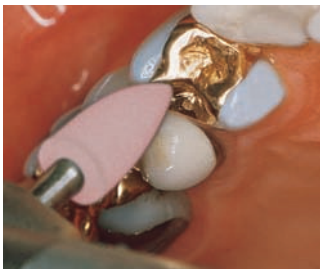
AlphaFlex (SuperGreen)



L mm	6.0	10.0	6.0
Size	030	060	030
Order No.	BRY0133RA	BRY0135RA	BRY0153RA







Amalgam Reducers (RA)





L mm	10.0	6.0	10.0	6.0
Size	050	030	060	035
Order No.	0932RA	0933RA	0935RA	0939RA

Universal Polishers (RA)



L mm	14.0	14.0	10.0	6.0	7.0	10.0	3.0
Size	055	050	050	030	085	060	100
Order No.	0530RA	0531RA	0532RA	0533RA	0534RA	0535RA	0536RA



L mm	10.0	6.0	10.0
Size	050	030	060
Order No.	0432RA	0433RA	0435RA

Precious Alloy Polishers (HP)



L mm	3.0	1.0	22.0	3.0	1.0	22.0
Size	220	220	060	220	220	060
Order No.	0001UM	0005UM	0023UM	0101UM	0105UM	0123UM v



L mm	16.3	16.0	2.5	2.0	15.5	10.0	6.0	0.6
Size	055	050	150	150	055	060	030	220
Order No.	0040HP	0041HP	0042HP	0043HP	0044HP	0045HP	0046HP	0047HP



L mm	16.3	16.0	2.5	2.0	15.5	10.0	6.0	0.6
Size	055	050	150	150	055	060	030	220
Order No.	0140HP	0141HP	0142HP	0143HP	0144HP	0145HP	0146HP	0147HP



L mm	16.0	2.5	2.0
Size	050	150	150
Order No.	BRY0141HP	BRY0142HP	BRY0143HP



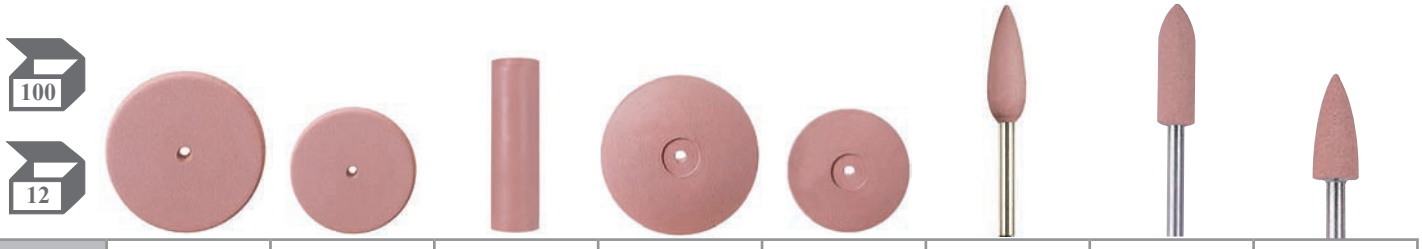


Ceramic Polishers (HP)

Exa Cerapol

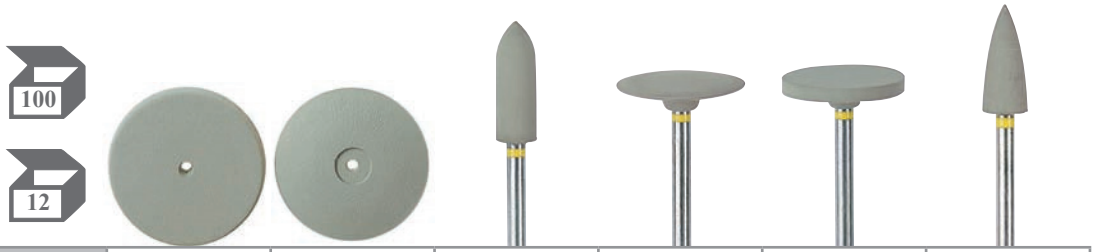


L mm	3.0	3.0	22.0	3.0	3.0	13.3	16.0	15.5
Size	220	170	060	220	170	055	050	055
Order No.	0301UM	0302UM	0315UM	0310UM	0311UM	0330HP	0351HP	0384HP



L mm	3.0	3.0	22.0	3.0	3.0	13.3	16.0	15.5
Size	220	170	060	220	170	055	050	055
Order No.	0306UM	0307UM	0320UM	0316UM	0317UM	0340HP	0361HP	0394HP

Cerapol Super



L mm	3.0	3.0	16.0	2.5	2.0	15.5
Size	220	220	050	150	150	055
Order No.	0321UM	0322UM	0371HP	0373HP	0375HP	0374HP

Universal Polishers (HP)

Exa Intrapol

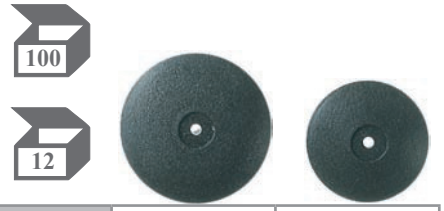


L mm	3.0	3.0	3.0	23.0	21.0	3.0	3.0
Size	220	220	170	060	070	220	170
Order No.	0500UM	0501UM	0502UM	0522UM	0524UM	0510UM	0511UM

Exa Dental



L mm	3.0	3.0	3.0	23.0	21.0	16.0	2.5
Size	220	220	170	060	070	055	150
Order No.	0400UM	0401UM	0402UM	0422UM	0424UM	0440HP	0442HP



L mm	3.0	3.0
Size	220	170
Order No.	0410UM	0411UM

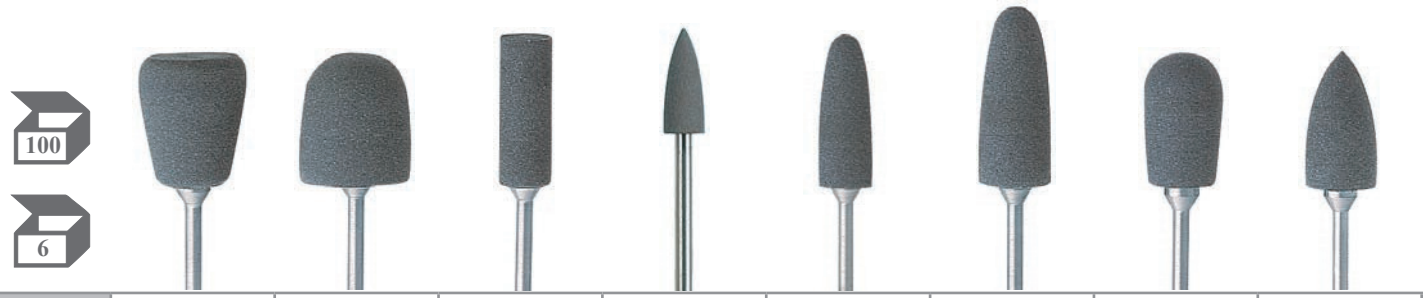
Acrylic Polishers 3-Step (HP)

Step 1



L mm	18.0	18.0	20.0	15.5	20.0	24.5	18.0	19.5
Size	150	150	070	055	070	100	110	110
Order No.	0671HP	0672HP	0673HP	0679HP	0677HP	0674HP	0675HP	0676HP

Step 2



L mm	18.0	18.0	20.0	15.5	20.0	24.5	18.0	19.5
Size	150	150	070	055	070	100	110	110
Order No.	0661HP	0662HP	0663HP	0669HP	0667HP	0664HP	0665HP	0666HP

Step 3



L mm	18.0	18.0	20.0	15.5	20.0	24.5	18.0	19.5
Size	150	150	070	055	070	100	110	110
Order No.	0651HP	0652HP	0653HP	0659HP	0657HP	0654HP	0655HP	0656HP

Acrylic Polishers 2-Step (HP)

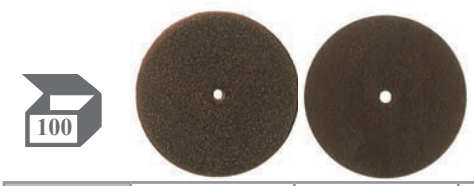
Step 1

Step 2

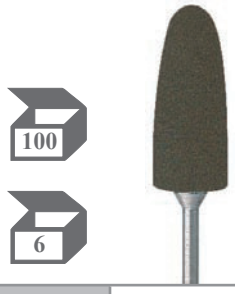


L mm	18.0	18.0	24.0	19.5	18.0	18.0	24.0	19.5
Size	150	150	100	110	150	150	100	110
Order No.	0631HP	0632HP	0634HP	0636HP	0641HP	0642HP	0644HP	0646HP

Chromopol (CrCo/NP-Alloys)

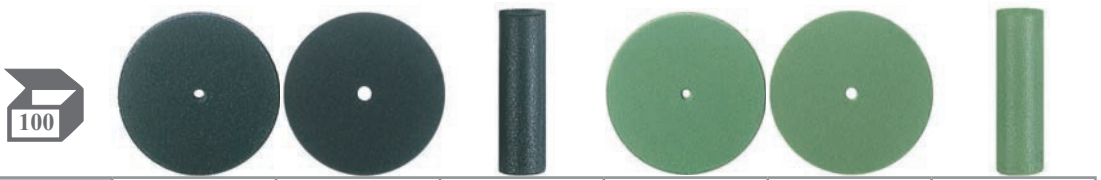


L mm	3.0	1.0	22.0	21.0
Size	220	220	060	070
Order No.	0201UM		0220UM	0223UM
Order No.	0202UM	0205UM	0221UM	0224UM
Order No.	0203UM		0222UM	0225UM



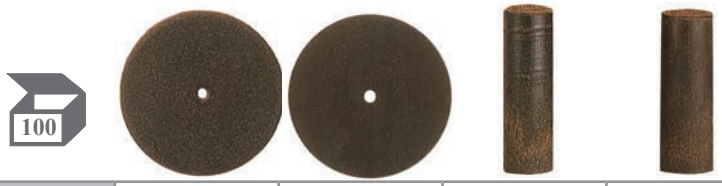
L mm	24.5
Size	100
Order No.	0264HP

Steelprofi

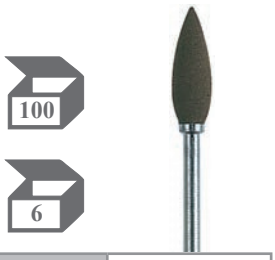


L mm	3.0	1.0	22.0	3.0	1.0	22.0
Size	220	220	060	220	220	060
Order No.	1301UM	1305UM	1323UM	1401UM	1405UM	1423UM

NE-Polisher (UM)



L mm	3.0	1.0	22.0	21.0
Size	220	220	060	070
Order No.	1001UM	1005UM	1020UM	1023UM

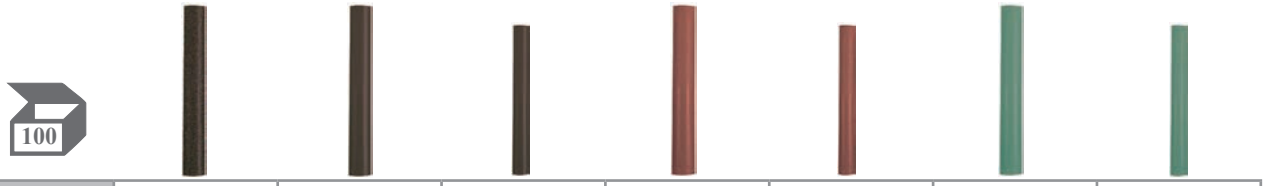


L mm	15.0
Size	050
Order No.	1030HP



Occolusal Polishers

(for those hard to reach places)

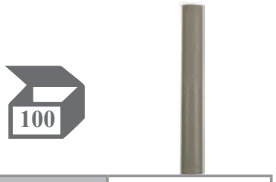


L mm	22.0	22.0	20.0	22.0	20.0	22.0	20.0
Size	030	030	020	030	020	030	020
Order No.	1100UM	1101UM	11001UM	1102UM	11002UM	1103UM	11003UM
Grit	Super Coarse	Coarse	Coarse	Medium	Medium	Fine	Fine



L mm	22.0	20.0
Size	030	020
Order No.	1105UM	11005UM
Grit	Super Fine	Super Fine

Diamond Impregnated



L mm	22.0
Size	030
Order No.	1104UM
Grit	Fine

Super Flexible

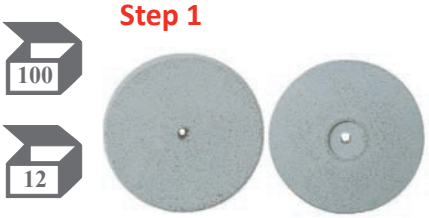


L mm	22.0	20.0
Size	030	020
Order No.	1106UM	11006UM
Grit	Fine	Fine

Titanium Polishers 2-Step (HP)

Not only excellent performance on titanium but other metals as well

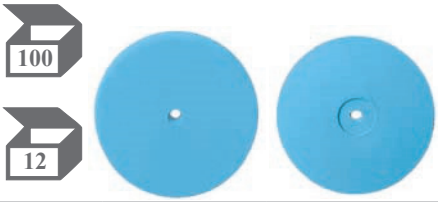
Step 1





L mm	3.0	3.0	23.0	22.0	22.0
Size	220	220	060	060	030
Order No.	1701UM	1702UM	1703UM	1704UM	1171UM

Step 2

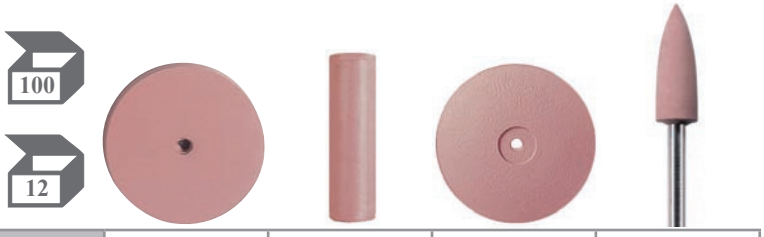


L mm	3.0	3.0	23.0	22.0	22.0
Size	220	220	060	060	030
Order No.	1706UM	1707UM	1708UM	1709UM	1172UM

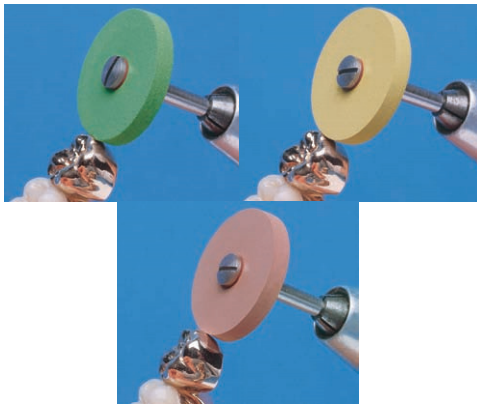
Goldstar



L mm	3.0	22.0	3.0	15.5	3.0	22.0	3.0	15.5
Size	220	060	220	055	220	060	220	055
Order No.	1801UM	1802UM	1803UM	18044HP	1811UM	1812UM	1813UM	18144HP



L mm	3.0	22.0	3.0	15.5
Size	220	060	220	055
Order No.	1821UM	1822UM	1823UM	18244HP



Stainless Steel HP Acrylic Cutters

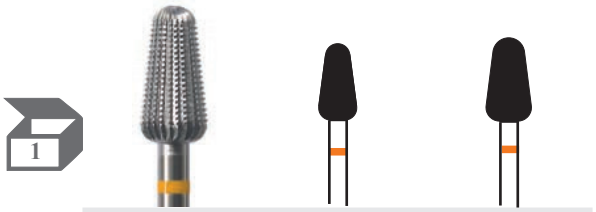


FIG.	95	95
SIZE	050	060
MM	5.00	6.00



FIG.	84	84
SIZE	050	060
MM	5.00	6.00

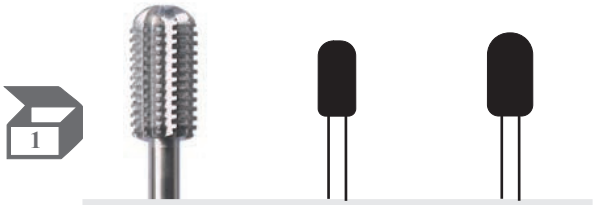


FIG.	82	82
SIZE	050	060
MM	5.00	6.00

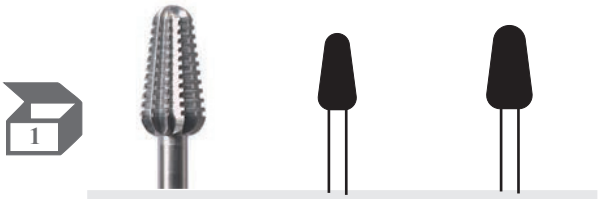


FIG.	85	85
SIZE	050	060
MM	5.00	6.00

Rubynized Grinders: Standard and Fine Grit















Fig. No.	3101	3102	3103	3104	3105	3106
Size	F3101 085	085	065	075	075	065











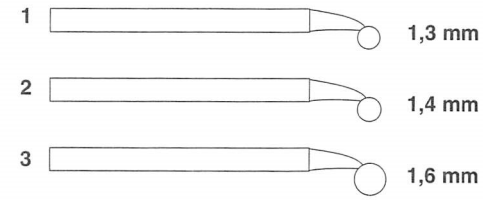




Fig. No.	3108	3110	3112	Fig. No.	F3119	F3120
Size	055	055	050	Size	033	040

Stippling Instruments

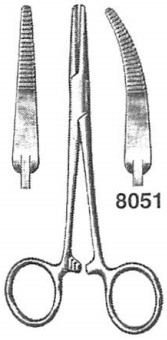
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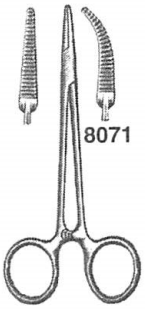


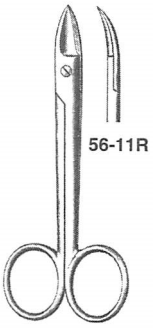
For life-like characterization of acrylic dentures, use at low r.p.m.

Availible individually or as a set

Haemostats, Operatory Scissors Stainless



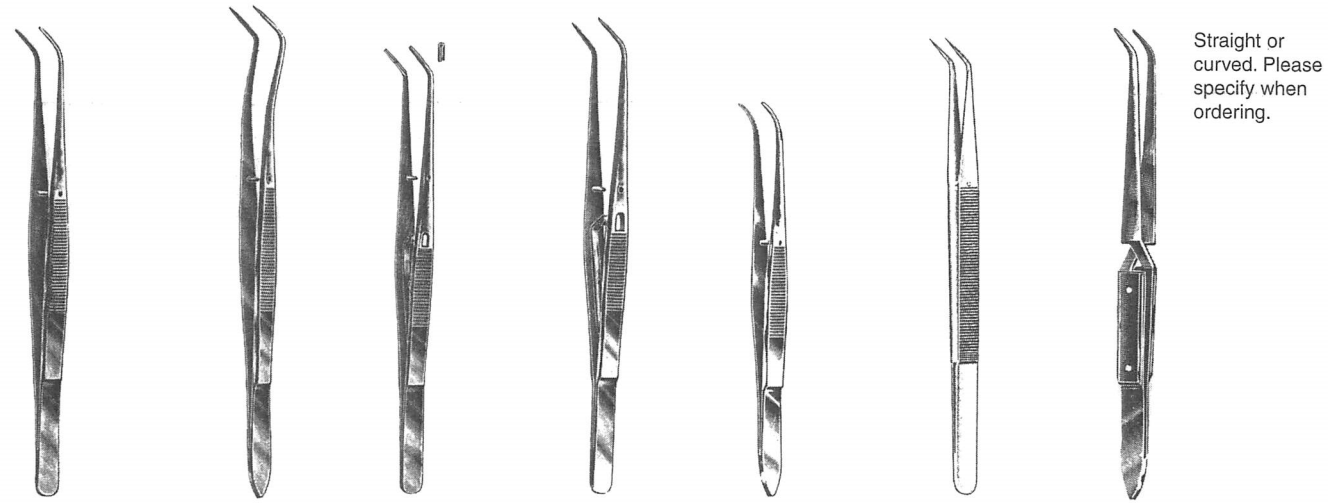




56-10R Crown Scissors, Straight, Smooth or Serrated Blades, Stainless
56-11R Crown Scissors, Curved, Smooth or Serrated Blades, Stainless

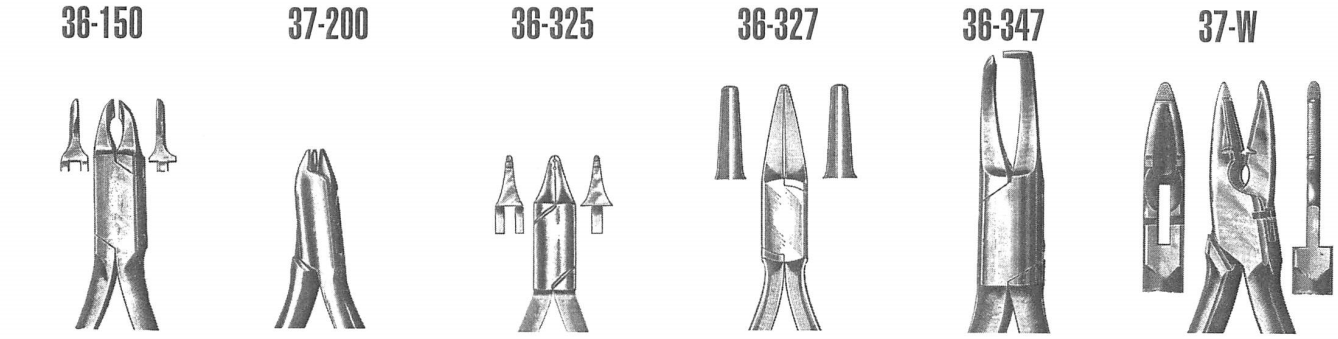
Pliers, Stainless

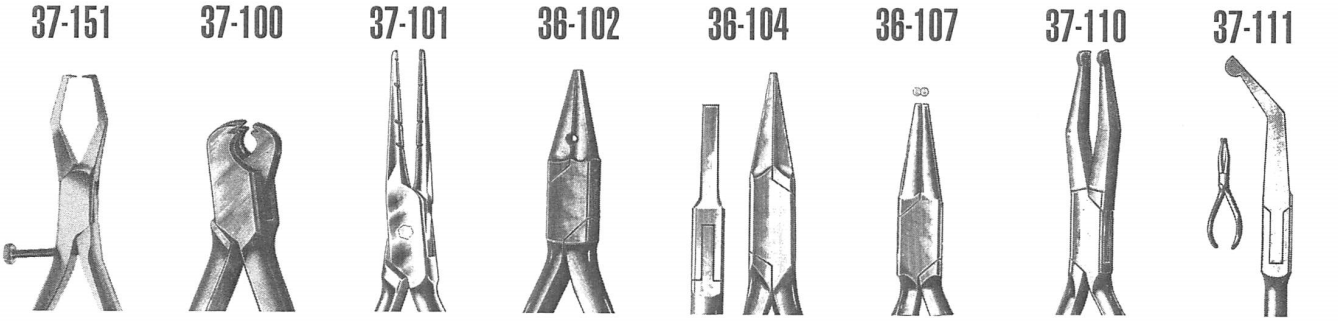
38-AS10 38-AS18 38-LC19 38-LC20 38-AS12 38-AS 39-112NP

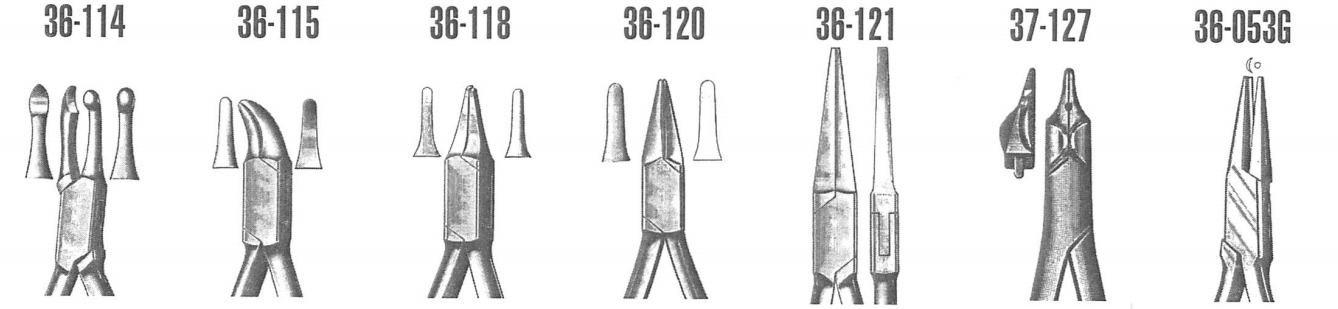


Straight or curved. Please specify when ordering.

Pliers, Stainless





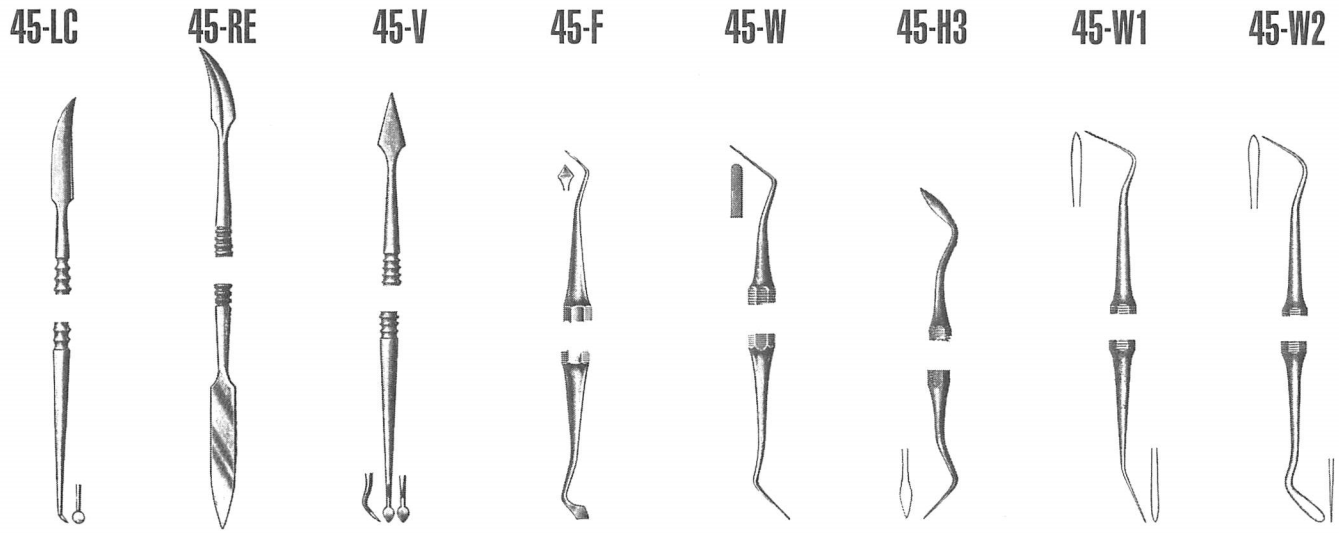


36-150 Angle Pin and Ligature Cutting Pliers, Stainless
37-200 Clasp Adjusting Pliers, Stainless
36-325 Oliver Spring Bending Pliers, Stainless
36-327 Oliver Arch and Spring Bending Pliers, Stainless
36-347 Band Removing Pliers, Stainless
37-W Waldsach's Universal Pliers, Chrome
37-151 Baade Pliers, Stainless

37-100 Lingual Bar Bending Pliers, Stainless
37-101 Wire Bending Pliers, Stainless
36-102 Cone Socket Pliers, Stainless
36-104 Flat Nose Pliers, Serrated, Stainless
36-107 Round Nose Pliers, Stainless
37-110 Howe Pliers, Straight, Serrated, Stainless
37-111 Howe Pliers, Curved, Serrated, Stainless

36-114 Johnson Pliers, Stainless
36-115 Reynolds Pliers, Stainless
36-118 Peeso Pliers, Stainless
36-120 Robinson Pliers, Stainless
36-121 Office Pliers, Serrated, Stainless
26-122 Office Pliers, Smooth, Stainless *(Not illustrated)*
37-127 Pin Roughening, Cutting and Bending Pliers, Chrome
36-053G Pliers, Round and Concave Nose, Stainless

Inlay, Porcelain, and Wax Carvers, Stainless

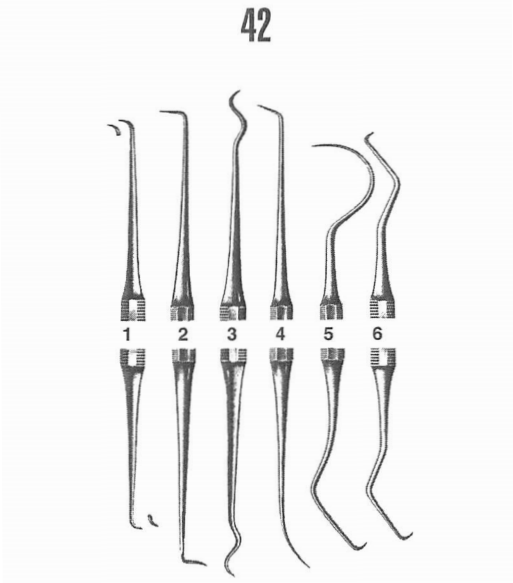


45-LC Le Cron's Inlay Carver
45-RE Reeve's Carver
45-V Vehe's Porcelain Carver
45-F Frahm's Wax and Amalgam Carver

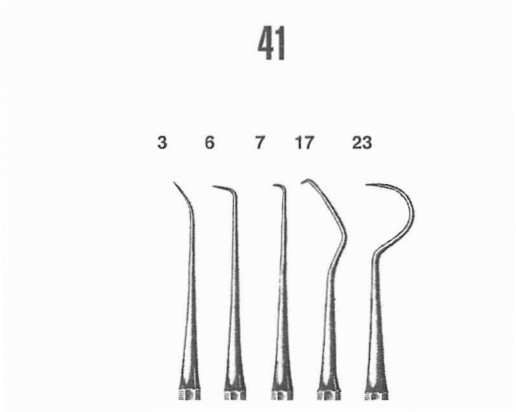
45-W Wagner's Amalgam Carver
45-H3 Hollenback's Wax and Amalgam Carver
45-3S Hollenback's Wax and Amalgam Carver with Fine Blades *(Not Illustrated)*

45-W1 Ward's Wax Carver
45-W2 Ward's Wax Carver

Explorers Single and Double Ended, Stainless

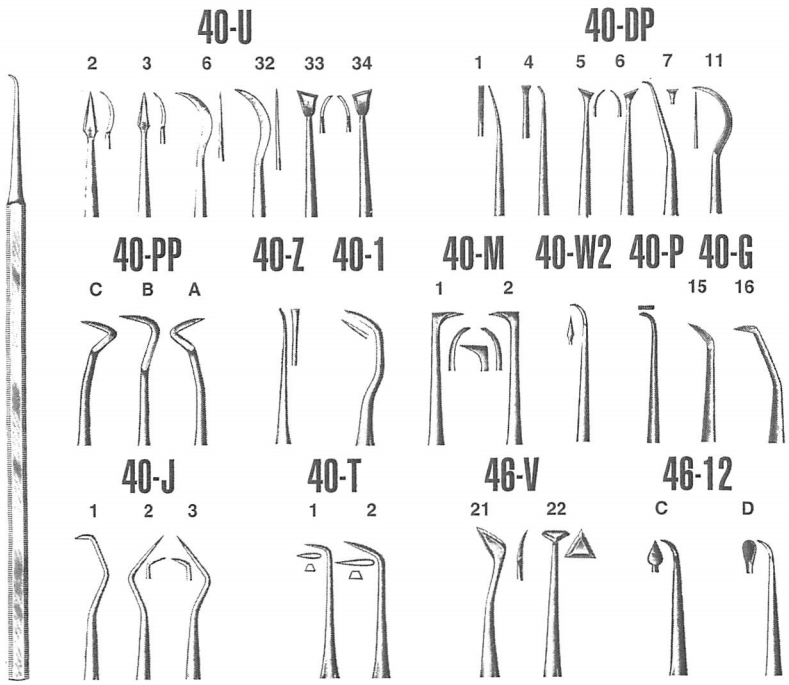


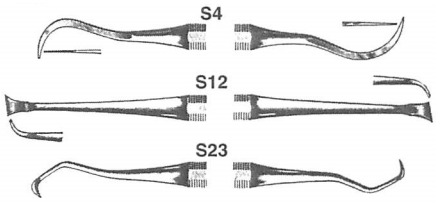
42 Double End Explorers, 1, 2, 3, 4, 5, 6
44-A Small Double End Ball Burnisher



41 Single End Explorers, 3, 6, 7, 17, 23

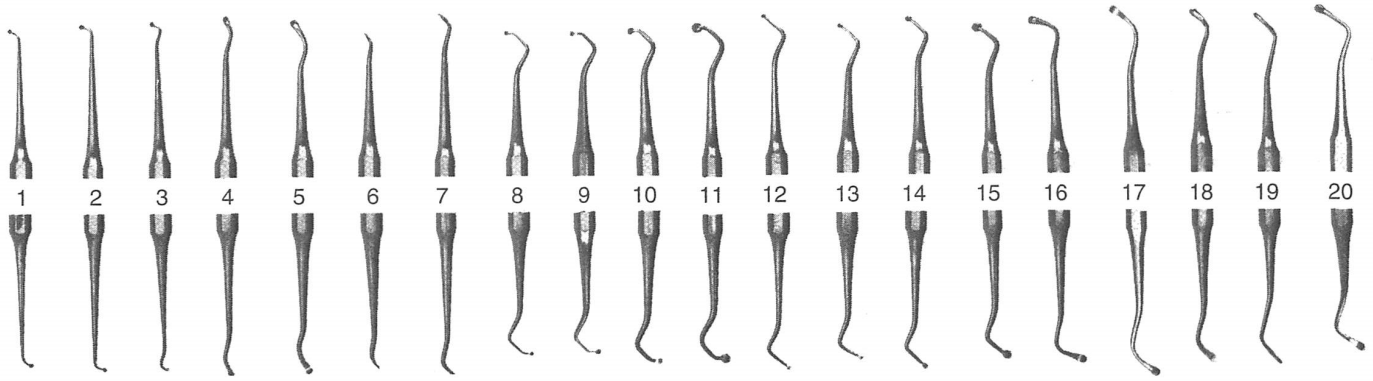
Scalers Single Ended, Stainless





40-U	Universal Scalers 2, 3, 6, 32, 33, 34
40-DP	Darby Perry Scalers 1, 4, 5, 6, 7, 11
40-PP	Push-Pull Scalers C, B, A
40-Z	Zerfing Scaler
40-1	Whitten Scaler
40-M	Moore Scalers 1, 2
40-W2	Whiteside Scaler
40-P	Palmer Scaler, 11
40-G	Grafrath Scaler 15, 16
40-J	Jacquette Scalers 1, 2, 3
40-T	Thorpe Scalers 1, 2
46-V	Veterinary Scrapers 21, 22
46-12C	Cleoid Instrument
46-12D	Discoid Instrument
46-12CD	Double End Cleoid and Discoid Instruments *(Not illustrated)*
50-S4	Double End Scaler No. 4
50-S12	Double End Scaler No. 12
50-S23	Double End Jacquette Scaler

Scalers Double Ended, Stainless (#43)



Pfing-O-Cup Order # W18P

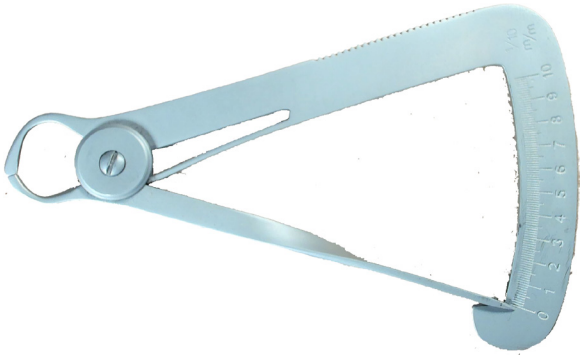


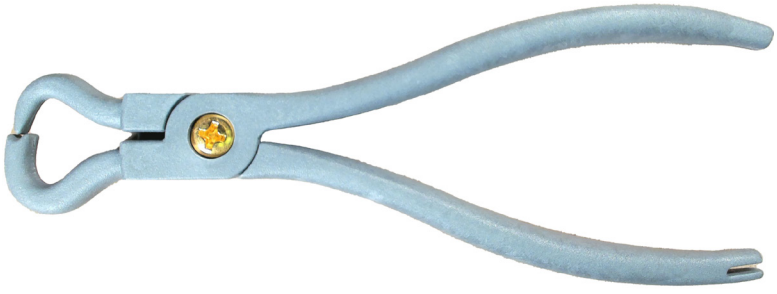
Detail (Pressure Indicating) Paste Order # 7P3



PACK OF 10 BRUSHES Order # 7PB

IWASON GUAGES Order # G6341 & G6241H (wax)





Crown Master Order # I12019

PLASTER SHEERS Order # I56BR



PLASTER SHEERS Order # I65019



TIMER Order # T164WB



