

PRODUCT CATALOG



ARMA Trading Company
شركة أرمما للتجارة



WHITE Dental®

EASTDENT

neosil
NEOSIL CO., LTD.

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About Arma

COMMITTED TO DISTRIBUTION

Arma Trading Co. was established in 2008 in the capital city of Saudi Arabia, Riyadh. Our growth since then was exponential and rapid, introducing and developing several key brands such as FGM, S.S.White, Orodent, COTISEN (Promisee), EastDent, Neosil in the Saudi dental market.

With a strong Marketing & Sales team and a well-established Scientific Office, we supply and serve more than 650 Clients kingdom wise including clinics, hospitals, dental labs, large dental groups, sub-distributors covering more than 8 of the largest cities of Saudi Arabia.



OUR VISION

LEAD THE MARKET

VISION

“Be among the top 3 national leading companies in dental products, solutions and services”

MISSION

- Reach and service all local clients
- Grow the range of products and import only the best
- Provide educational content for local dentists
- facilitate or participate in seminars, conferences, exhibitions and events

STRATEGY

- Improve client experiences and ensure satisfaction
- Enhance our market reach through online sales channels
- Promote strategic partnerships
- Select only the finest and best products
- Train our employees & clients and provide technical and medical support
- Follow a professional management approach in all business relations

OUR PARTNERS

MUTUAL SUCCESS



From Brazil. Providing a complete line of dental bleaching, polishing pastes, desensibilizing, etchants and hemostatic agents, varnish fluoride, resign, composites, restorative products and implants.



From USA – Providing essential line of Carbide & Diamond burs as well endo files and ortho burs.



From South Korea. Providing a range of high quality impregnated and non-impregnated retraction cord as well as other smart and patented solutions for gingival retraction for better impression, cementation and other clinical procedures.



From South Korea. Providing a range of excellent dental impression materials manufactured to the global highest standards using advanced technologies.

OUR HISTORY

DRIVING SUCCESS

2008

Arma Trading founded

We started Arma Trading Establishment and entered the market to trade locally.

2010

Accomplishment with FGM

After spending 2 years establishing the company, gaining experience from the market as well as the Saudi FDA regulations we became FGM's Legal & Authorized Representative in Saudi Arabia.

2012

More success with FGM

We succeeded in registering all FGM's products line in the Saudi FDA and gained a strong initial market share. Since then, our inventory ensured high fill rates to provide customers with the dental supplies they needed when they needed them.

2012

Big wins with FGM Whitening Perfect ®

Arma Trading Co. was the first company in Saudi Arabia to regulate bleaching products officially through Saudi FDA which was the reason for major improvements and sales.

2014

Accomplishment with S.S.White U.S.

After increasing our market share and gaining a strong presence and reputation in the Saudi dental market, we signed with S.S.White U.S. and introduced a wide range of S.S.W. products including Dimond & Carbide Burs and Endodontics materials.

OUR HISTORY

DRIVING SUCCESS

2018

Accomplishment with Orodent - Italy

In 2018, we signed an exclusive distribution contract with Orodent from Italy

2021

Promisee, East Dent & Neosil

We constantly assess the market and try to actively respond to any gaps. In 2021 we expanded our portfolio and signed exclusive contracts with East Dent and Neosil to serve our loyal clients with more products..

2020

Covid-19

Just like many other businesses, we were affected by the pandemic of COVID-19. However, we succeeded in minimizing the impact due to our cautions & professional approach in all our business relations, and we did serve the medical sector by providing hygiene products to support the fight against the disease.

TODAY

Doing it scientifically

Today, we are focusing on providing more than just products. With the establishment of our scientific office, we will be able to give educational content, dental advise, economical methods to run your clinics more cost-effectively.

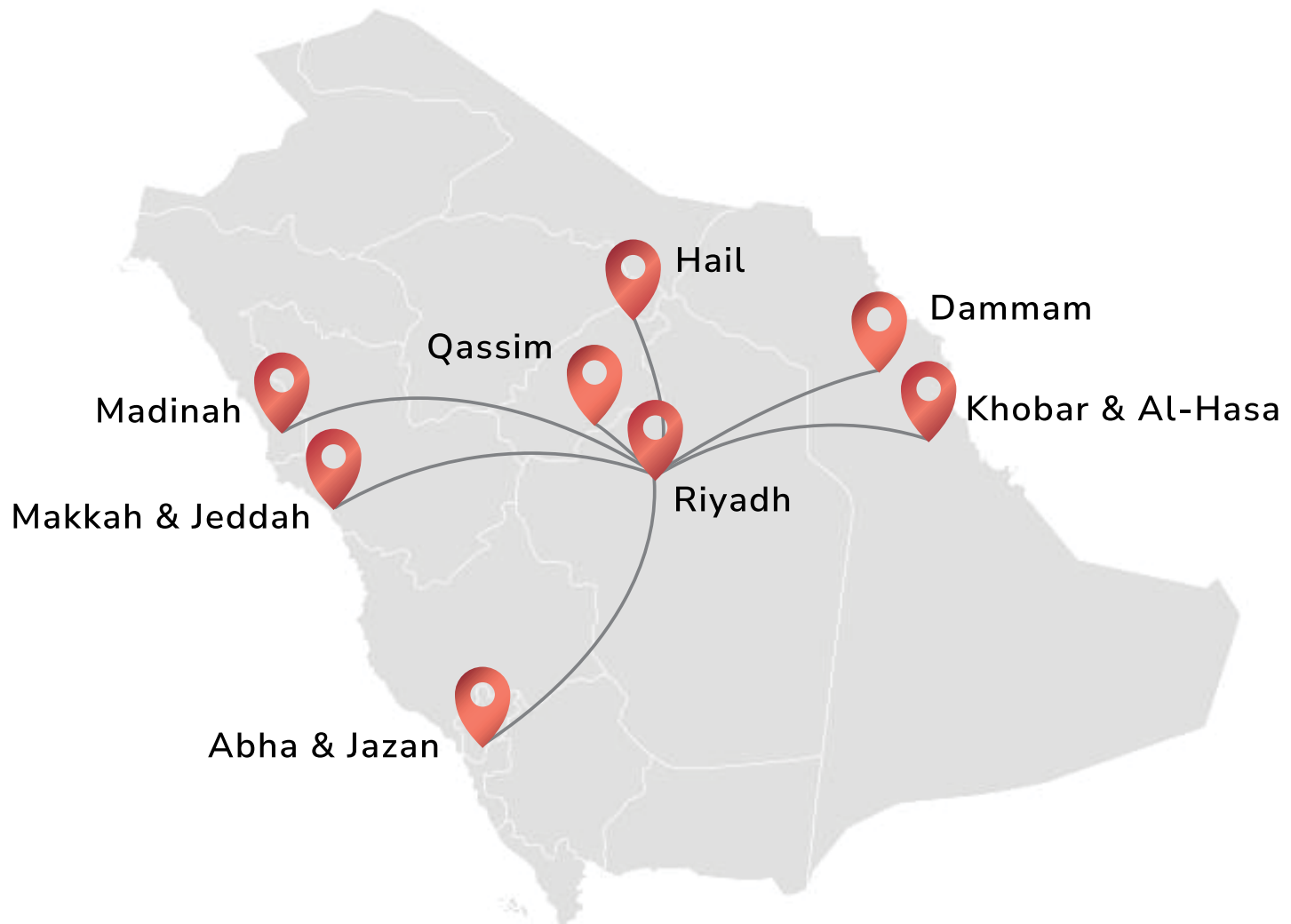
OUR WAREHOUSES

NEAT & ORGANIZED



SAUDI ARABIA MAP

WE REACH



شكر وتقدير لمشاركات شركة أرمأ للتجارة في:

للمشاركة في معرض كليات الرياض لطب الأسنان والصيدلة
"من الفترة ١٥ - ١٦ / ديسمبر ٢٠١٠ م."

للمشاركة في المعرض المصاحب للمؤتمر السعودي العالمي لطب الأسنان
"من الفترة ٢٨ - ٣٠ / يناير ٢٠١٣ م."

للمشاركة في المؤتمر السعودي العالمي الخامس عشر
لجامعة الملك سعود لطب الأسنان
"من الفترة ١٢ - ١٤ / يناير ٢٠١٤ م."

للمشاركة في المؤتمر السعودي العالمي السادس عشر
لجامعة الملك سعود لطب الأسنان
"من الفترة ٥ - ٧ / يناير ٢٠١٦ م."

للمشاركة في المؤتمر السعودي العالمي لطب الأسنان
"من الفترة ٢٣ - ٢٥ / يناير ٢٠٢٠ م."

للمشاركة في معرض لقاء الرياض الدولي العاشر لطب الاسنان
"مؤتمر كوينتيسنس العربي العالمي الرابع لطب الأسنان."



LEADERSHIP AND HIGH ESTHETICS

PRODUCT PORTFOLIO



THE TRADEMARK OF YOUR SMILE.

Proudly Brazilian and present in more than 100 countries, FGM is a pioneer in the manufacture of whitening gels in Brazil, with the widely renowned Whiteness line, and synonymous with global excellence.

Its wide portfolio includes 400 products in various applications, such as **tooth whitening, biomaterials, implants, composites, adhesives, cements, fiberglass posts and finishing and polishing materials.**

Founded in 1996 on a solid base of research and development, FGM operates with state-of-the-art technology and science applied to its processes, creating and offering safe and differentiated solutions for complete oral rehabilitation and esthetics. For this purpose, it invests heavily in partnerships with renowned professors, universities and national and international research centers.

At FGM, the future is now. Its is built on new concepts, which combine scientific foundation with innovation, breaking paradigms, anticipating market demands with original solutions and questioning old standards.

It is not just about following the tendencies of a world in intense transformation. But an even greater challenge is to be the trend itself – and be recognized as one of the foremost companies in its sector, marked by boldness and courage of not only walking ahead, but above all, going beyond.



Whiteness | #1

Leadership proved and approved by
the one who knows best about
dental whitening: you.



Whiteness Perfect | #1

Carbamide peroxide at %16, %10 and %22.

**LEADERSHIP AND
HIGH ESTHETICS**
LIKE NO OTHER



Desensitizing agents:

- Potassium Nitrate
- Fluoride



High level of water: keeps your teeth hydrated, reducing the risk of sensitivity.



Present in over 100 countries.



Safety: pH close to neutral.



Maximum effectiveness in 3 different concentrations: **%16, %10 and %22.**



WEARING TIME

%10 and %16: 3 to 4 hours a day or overnight use.
%22: 1 hour a day.

“FGM's Whiteness line is a reference in whitening gels. We can use Whiteness Perfect, for the take-home technique, in the concentration from %10 to %22. I conducted several studies already published in articles and books with these materials and I use them daily in the office and in courses, normally in the concentrations of 10% and 16%.”

Prof. Dr. Fabiano Marson

Coordinator for the Specialization and Master program in dentistry, Faculdade Ingá, Maringá PR.

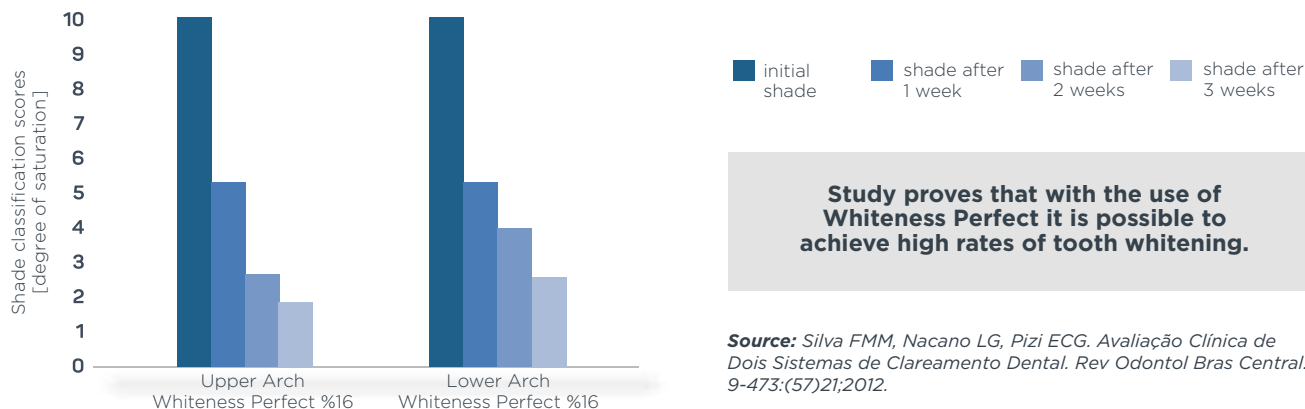


European Cosmetic certification
European Union - Obelis.*

*concentrations %10 and %16.

SCIENTIFIC PROOF

Shade changes at different times of the evaluation for the whitening agent in the upper and lower arches.



CLINICAL CASE

Authors: Prof. Dr. Amanda Vessoni Barbosa Kasuya, Prof. Dr. Patricia Saram Progiante, Prof. Dr. Juliana Delben, Prof. Dr. Cleverson de Oliveira e Silva and Prof. Dr. Fabiano Carlos Marson.



INITIAL



FINAL

AVAILABILITY

Kit %10 and %16	Kit %22	Mini Kit %16	Bulk
Content: 5 syringes with 3g of gel each (15g of gel in the kit), 2 tray plates, tray case and applicator tips.	Content: 4 syringes with 3g of gel each (12g of gel in the kit), 2 tray plates, tray case and applicator tips.	Content: 3 syringes with 3g of gel each and tips.	Content: 50 syringes with 3g of gel each, individually packed, in the %16, %10 or %22 concentrations.

Whiteness HP Blue

Hydrogen peroxide at 35%.



GREATER PRACTICALITY,
LOWER SENSITIVITY.



With calcium:
remineralizing action.



Alkaline and stable pH:
lower diffusion of peroxide to the
pulp, with low sensitivity rates.



Single application per session:
up to 40 minutes.

CLINICAL CASE

Author: Dr. Andreia Luiza Gabriel.





INITIAL

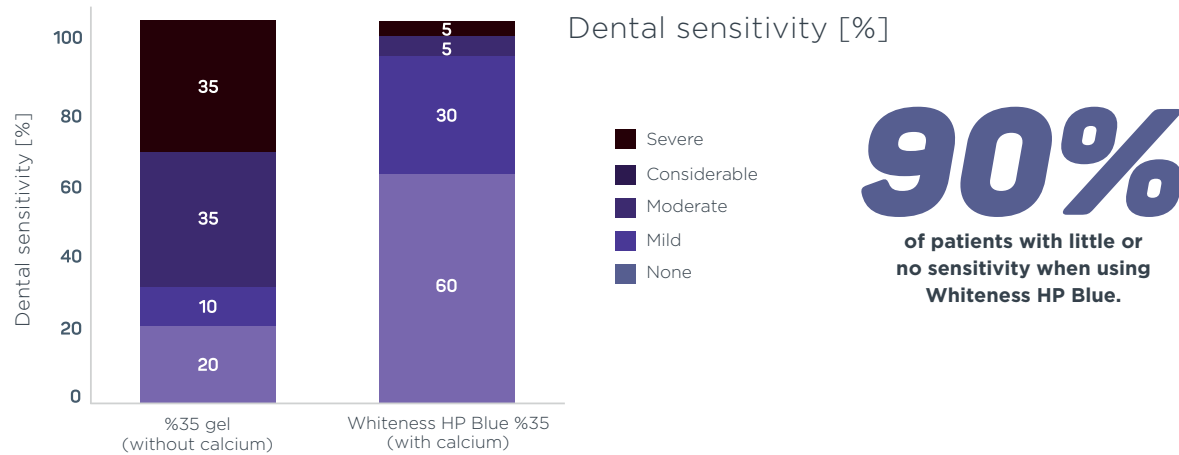


FINAL

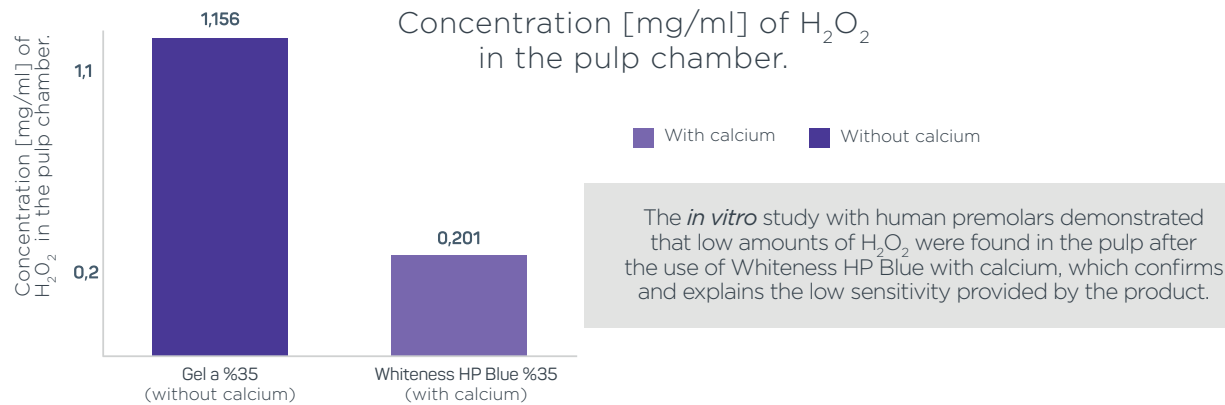
AVAILABILITY

Kit	Mini Kit
 <p>Content: 6 sets of syringes (1.2g per set - 7.2g of gel in total), 1 Neutralize with 2g, 1 Top dam with 2g, 6 coupling devices for the syringes and applicator tips.</p>	 <p>Content: 1 set of syringes (thickener and gel) with 1.2g gel, 1 Top dam with 1g, 1 coupling device for the syringe and applicator tips.</p>

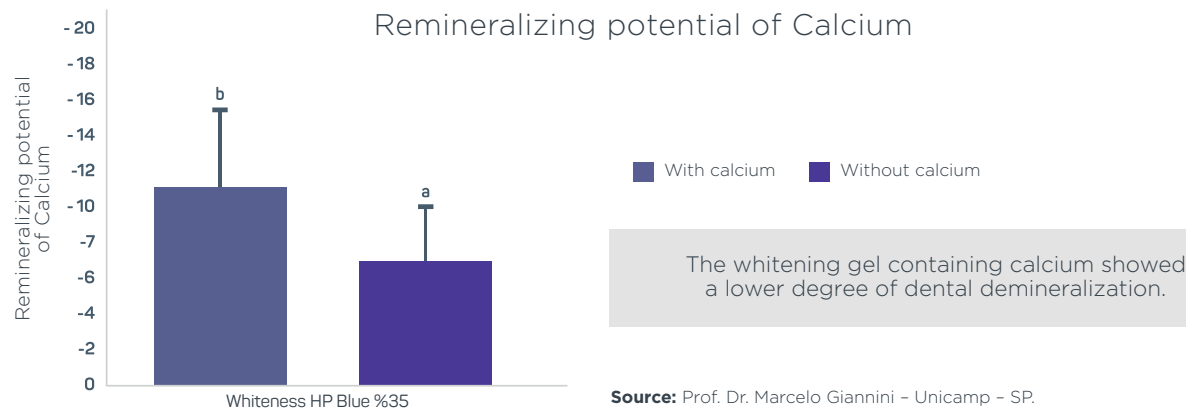
SCIENTIFIC PROOF



Source: Stella Kossatz, Gislaïne Martins, Alessandro Dourado Loguercio and Alessandra Reis JADA 12(143 ;2012): e-81e87.



Source: Mena-Serrano AP, Parreiras SO, do Nascimento EMS, Borges CPF, Berger SB, Loguercio AD, Reis A. Operative Dentistry, 2-40, 2015, E-76E82.



Source: Prof. Dr. Marcelo Giannini - Unicamp - SP.

Whiteness HP AutoMixx

Hydrogen peroxide at %35 and %6.

THE MOST **PRACTICAL,**
SAFE AND COMPLETE
AUTO-MIXING
WHITENING GEL.

4 **High yield:** yields up to 4 applications (upper and lower arches).



Automatic mixing of phases with **excellent consistency.**



With calcium: remineralizing action.



Single application per session: can be maintained for up to 50 minutes in contact with the teeth without the need for changing.



Heat blocker: prevents dental heating when using light sources.



European Cosmetic certification
European Union - Obelis.*

CLINICAL CASE

Authors: Dr. Paulo Quagliatto, Dr. Guilherme Faria Moura and Dr. Laura M.M. Quagliatto.



INITIAL



FINAL

*concentration %6.

AVAILABILITY

Kit %35	Refil %35	Mini Kit %6
 <p>Content: 1 double-body syringe with 5g of gel, 5 self-mixing tips, 1 Top dam with 2 g and tips, 1 Neutralize with 2g.</p>	 <p>Content: 1 double-body syringe with 2g of gel and self-mixing applicator tips.</p>	 <p>Content: 1 double-body syringe with 4g of gel, 1 Top dam with 2g and self-mixing applicator tips.</p>

Whiteness Super-endo

Carbamide peroxide at %37 for non-vital teeth for the "walking bleach" technique.



Good solubility with water: **easy removal.**



Ready for use: no need for handling.



It can be used with in-office whitening gels.



AVAILABILITY

Kit: 1 syringe with 3g of gel and applicator tips.

Whiteness RM^{CE}

Tooth stain remover through microabrasion based on %6 hydrochloric acid and silicon carbide.



Ready for use: no need for handling.



Efficiency: definitive removal of tooth stains on enamel.



AVAILABILITY

Kit: 1 syringe with 2g, 1 spatula and applicator tips.

Whitening products classified as medical device are not available in some countries of the European Community. Check product availability in your country.

Desensibilize KF^{CE}

Desensitizer based on potassium nitrate and sodium fluoride.



Colorless gel: does not interfere in dental whitening.



Scientifically proven effectiveness.



Potassium Nitrate + Sodium Fluoride: **desensitizing action.**



Desensibilize KF 2%: exclusive for in-office use.



Desensibilize KF 0.2%: the patient can take it home for application on the trays.



AVAILABILITY

Refill: 1 syringe with 2.5g at 0.2% or 2% and applicator tips.

Top dam^{CE}

Light-curing composite for relative gum isolation.



Excellent sealing power.



Resilient composite: easy application and greater comfort.



Easy removal: more convenience.

AVAILABILITY

Refill: 1 syringe with 2g and applicator tip, available in the colors: green and blue.

Hemosthase gel

Aluminium chloride at %25 for hemostasis.



Colorless gel that does not pigment restorative materials.



Accurate and versatile: hemostasis obtained by rubbing the gel directly on desired location or along with a Pro Retract retraction cord.



Safety: local astringent effect is largely described in literature.



Ideal viscosity: the gel does not run off which makes applications simple and effective.

AVAILABILITY

Kit: 1 syringe of gel 2,5g and 5 syringes tips.



Technology



FGM's unique technology consists of a combination of different photoinitiators that interact with each other and amplify the polymerization capacity of light emitted by the light-curing devices.

One of these photoinitiators remains the camphorquinone (in very low concentration), used only to initiate a chain reaction with free radical multiplication as sequential propagation occurs.

That way, camphorquinone was added just as a “trigger”, because, since it is sensitized by the light length emitted by all the light-curing devices available in the market, professionals can use all the benefits of the APS even when using their conventional light-curing equipment, without having to invest in specific equipment.

ESTHETICS

Due to the transparency of most APS photoinitiators it was possible to develop polymeric materials with high esthetic performance, neutralizing the yellowish color of the camphorquinone. For example: premium composite **Vittra APS** and **Allcem Veneer APS** cement do not demonstrate significant variation in shade before and after light curing. In the chameleon composite **Vittra APS Unique**, these photoinitiators that are more transparent make the chromatic mirroring easier and make it possible to achieve perfect mimicry. In the case of **Ambar APS** and **Ambar Universal APS**, their colorless appearance makes it all the difference in the cementation of veneers and no-prep veneers.

LONGER WORKING TIME

Materials containing the APS system have 4 times less sensitivity to ambient light when compared to traditional ones. The possibility of performing esthetic restorations with **Vittra APS** is real, as well as having enough time to insert and sculpt a restoration with **Opus Bulk Fill APS** at once. It is also possible to simultaneously position and cement veneers with **Allcem Veneer APS**. And all that with the reflector's light on!

CURING DEPTH

One of the important qualities of APS is that it provides better conversion of monomers to polymers even at great depths. This property is of great importance for all photoactivated composites but especially for **Opus Bulk Fill APS** and **Opus Bulk Fill Flow APS**, which are inserted in large increments, ensuring clinical longevity for restorations.

MECHANICAL PROPERTIES

As the polymerization depth is increased due to the higher conversion degree of monomers to polymers, consequently there is a better polymerization of the whole chain. This generates a significant increase in all mechanical properties such as flexural strength and resistance to fracture.

GET TO KNOW THE PRODUCTS WHICH CONTAIN THE **APS TECHNOLOGY**.



Vittra APS

Premium composite with loads of spheroidal zirconium silicate. It offers high potential for polishing and shine longevity, besides being BPA free.

p.19



Vittra APS Unique

Universal chroma composite with capacity to match the tooth shade. From Bleach to D4 with a single composite. It is also BPA free.

p.22



Ambar APS and Ambar Universal APS

Light-curing adhesives with MDP with high strength and adhesive longevity. They are also BPA free.

p.30



Allcem Veneer APS

Light-curing resin composite for prep and no-prep veneers. Excellent shade stability and esthetic longevity.

p.40



Opus Bulk Fill APS and Opus Bulk Fill Flow APS

Low shrinkage composites for large increments. Faster restorations with the same longevity.

p.24

Vittra

APDS

CE
2797

Premium composite

ADVANCED TECHNOLOGY
HIGH PERFORMANCE
RESULTS

COMPOSITES
APDS



APDS ADVANTAGES

- At least 4x longer working time than conventional composites.*
- Predictability of composite shade even before photopolymerization (shade does not change during polymerization).
- Increased mechanical properties.



Also available
In capsules



Composite and syringe
free from Bisphenol A.

SPHEROIDAL
ZIRCONIUM
SILICATE



High performance of
polishing and shine
longevity.

High mechanical
performance and esthetics.

Excellent viscosity for
handling, not adhering to
the spatula, favoring sculpture
of restorations.

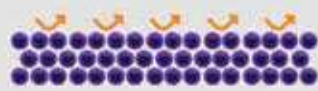
Sub-micrometric load of 200 mm.

*According to study conducted by Dr. Rodrigo Reis.

Greater resistance to wear and **smoother surface.**



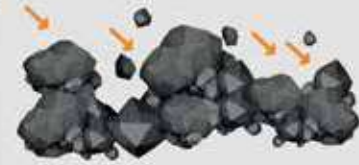
Simulation of brushing over the surface of the Vittra APS composite.



Smaller and spheroidal particles provide greater stability to the surface and are able to reflect with more efficiency the forces of the wear mechanism.

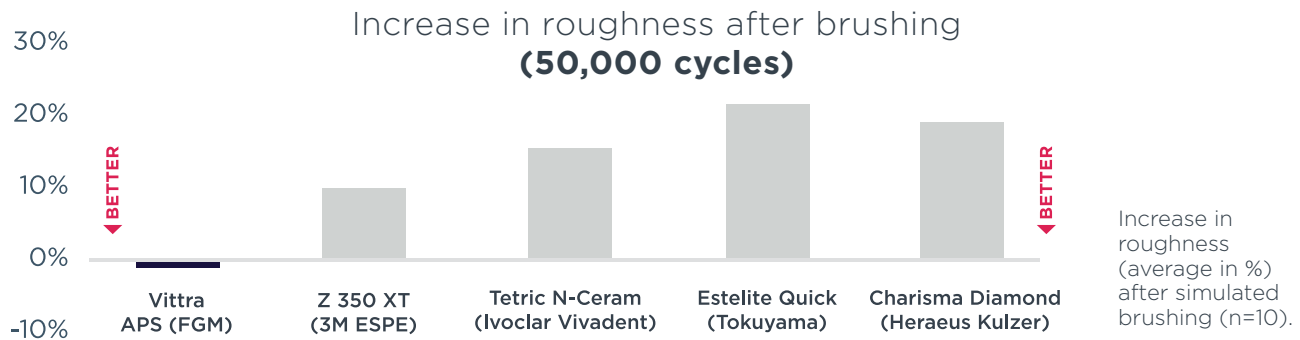


Simulation of brushing over a non-spheroidal composite surface.



Large particles generate large defects when the surface undergoes wear, resulting in the loss of shine due to the increase in roughness.

SCIENTIFIC PROOF



Source: Pailover P, Malaquias P, Carvalho E, Gutierrez F, Bauer M, Reis A, Bauer J, Loguercio A. Universidade Estadual de Ponta Grossa (UEPG) and Universidade Federal do Maranhão, 2016.

CONCLUSION

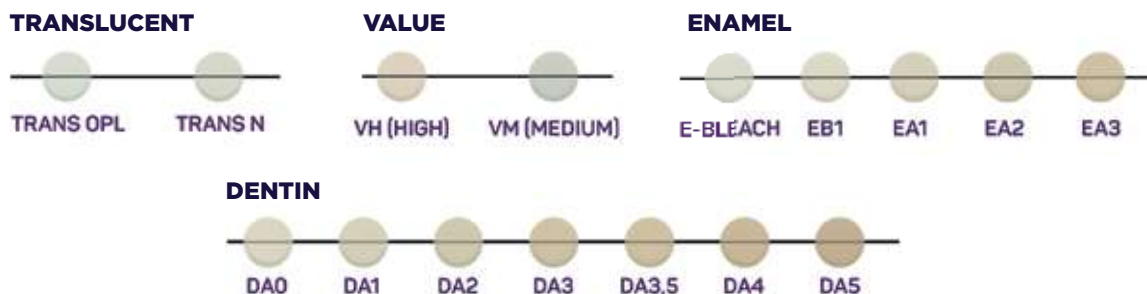
Vittra APS was the only composite that did not show an increase in superficial roughness after simulated brushing, **demonstrating excellent resistance to abrasion and great polishing longevity.**

“ I have been working with Vittra APS since 2018. I have done countless restorations and rehabilitations in direct and indirect applications with this composite. I was amazed by the natural aspect of shade, the modeling potential, ease of brightness as well as shine longevity. Its resistance is compared to the hardest composites on the market, great for rehabilitation. ”

Prof. Dr. Luis A. Felipe
Specialist and Master in operative
dentistry at UFSC-SC.

SHADE SYSTEM

The concept of Vittra APS shades has the purpose of organizing and simplifying the whole evolution of composites. Vittra APS makes available the shades mostly used in simple and complex restorations. Following a worldwide trend, it comes with a single shade for dentin (universal) - shade A Vita Classica[®] - with 7 saturation options, which simplifies the professional's routine when choosing the shade.



CLINICAL CASE

Author: Dr. Orlando Reginatto.



INITIAL



FINAL

AVAILABILITY

Kit	Refill	Capsules
 <p>Kit Essential Content: DA1, DA2, DA3, EA1 and EA2 syringes with 4g, Trans N syringe with 2g, Ambar APS with 6ml and Condac 37 with 2,5ml.</p>	 <p>Syringes with 4g available in the colors: DA1, DA2, DA3, DA3,5; EA1, EA2, EA3, EB1 e E-Bleach.</p>	 <p>Package containing 20 capsules of 0.2g available in shades: DA1, DA2, DA3, DA3,5, EA1, EA2, EA3, EB1, E-Bleach, DA0, DA4, DA5, VM, VH, Trans OPL, Trans N.</p>

Indications:

- Restorations of anterior and posterior teeth of classes I, II, III, IV, V and VI.
- Direct veneers with composite.
- Core build-up.
- Teeth splinting.
- Modification of tooth shape (e.g.: conoid teeth).
- Reduction or closing of diastemas.
- Repairs in porcelain and/or composite.
- Indirect restorations such as inlays, onlays and veneers.

Vittra^{APS} UNIQUE

CE
2797

Universal chroma composite with
capacity to match the tooth shade.

FAST AND PRACTICAL
PROCEDURES?
CHOOSE UNIQUE.

Composite and syringe
free of Bisphenol A.



Also available
in capsules



Chameleon effect:

Due its characteristics of chromatic mirroring, the composite captures and reflects the shade of the dental substrate during the polymerization process. The load, well-dosed opacity and esthetics of the APS system are fundamental to reach the **perfect mimicry**.



High esthetics and mechanical resistance:

Besides excellent shine and polishing, it has high rates of flexural strenght and fracture resistance to ithstand the stress resulting from masticatory forces.



Universal chroma:

From Bleach to D4 with only one shade! It does not require layering most cases and anables the adoption of a simple incremental technique, without using different degress of opacity/translucency.



It does not require shade selection and, therefore, allows for faster restroative procedures, increases the professional's productivity and reduces the stock of the shades.

APS ADVANTAGES

- Color transmission facilitated due to the low concentration of camphorquinone in the composition: the APS system uses more transparent photoinitiators;
- Longer working time under the reflector's/ambient light;
- Increased mechanical properties.

THE OPTICAL PROPERTIES OF VITTRA
APS UNIQUE **ARE DEFINED AFTER
POLYMERIZATION:**

BEFORE



AFTER



GALLERY

Author: Dr. Thiago Roberto Gemeli.



Author: Prof. Dr. Fábio Sene.



Author: Dr. Carlos E. Francci, Dr. Alexander C. Nishida and Dr. Guilherme de S. F. Anzaloni Saavedra.

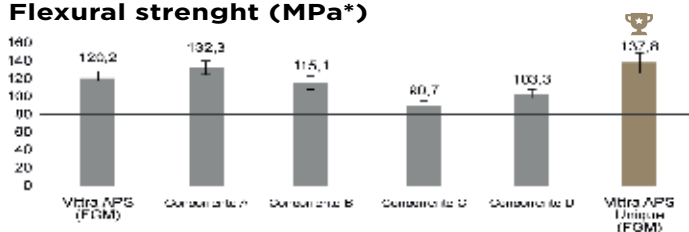


Author: Prof. Dr. Dayse Amaral.



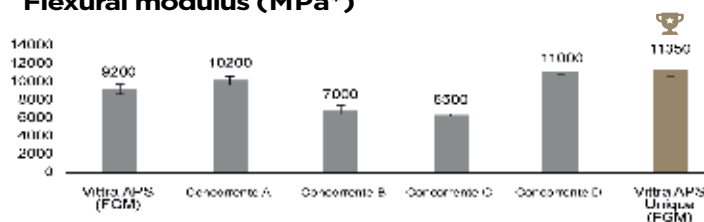
SCIENTIFIC PROOF

Flexural strenght (MPa*)



Vittra APS Unique features flexural strenght superior to most competing products analyzed, with results up to %70 higher than the reference stipulated by the ISO 4049 standard (>80 MPa). The greater result, the greater the capacity of the composite to withstand the stress resulting from masticatory forces.

Flexural modulus (MPa*)



Vittra APS Unique presented compatible result to what is stated in the literature for human dentin (between 11700 and 18300MPa***) and higher than competitors analyzed, demonstrating excellent resistance to acclusal forces, thus proving suitable for all classes of restorations.

* Internal data. **Anusavice, K.J.; Shen, C; Rawls, H.R. - Phillips Materiais Dentários. 12ª Edição. Rio de Janeiro: Elsevier, 2013.

AVAILABILITY

Refill	Capsules
	
Syringe with 4g: one shade for all shades.	Content: Package containing 20 capsules of 0.2g, one shade for all shades.

Indications:

- Permanent and deciduous teeth: direct restorations in anterior and posterior teeth (classes I, II, III, IV, V and VI).
- Use as a base composite: necessary when there is no wall in the back to be copied or when it has a color modification you do not wish to mimic.

PLEASE NOTE: class I, II, V and VI cavities: if there is darkening cover the area with dentin composite or opacifiers (according to your preference) and proceed to restoration in the incremental technique with Vittra APS Unique. Class III and IV cavities (without black wall to support shade): make a layer that will serve as background for the rest of the volume with Vittra APS Unique in the incremental way.

OPUS BULK FILL

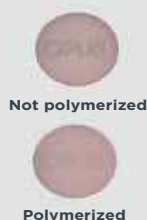
Composite for single filling of posterior teeth.

FILL UP ALL THE REQUIREMENTS OF A **PERFECT RESTORATION.**



ADVANTAGES

- Greater curing depth - up to 5mm.
- Longer working time for sculpture: stability under ambient / reflector's light. de sob luz ambiente e refletor.
- Greater opacity after polymerization.



Also available
in capsules



Low shrinkage stress.



No need for capping layer:
complete restoration with
a single composite.

Increments of up to 5mm:



**Restorations
completed %75 faster***

CLINICAL CASE

Authors: Prof. Dr. Eduardo Vargas and Prof. Dr. Dayse Amaral.



INITIAL



FINAL

AVAILABILITY

Refill



Content: 1 syringe with
4g, shades A1, A2 or A3.

Capsules



Content:
Package
containing 20
capsules of
0.2g available
in shades: A1,
A2 or A3.

Indications:

- Direct restoration on posterior teeth (permanent and deciduous) in increments of up to 5mm, including occlusal surfaces.
- Base and lining of direct restorations.
- Repair of small enamel defects.
- Repair of temporary materials in acrylic and composite.
- Reconstructive build-up.
- Class V restorations (cervical caries, root erosion, wedge-shaped defects).

*When compared to conventional restorative procedures.

OPUS BULK FILL FLOW

CE
2797

Fluid composite for single filling of posterior teeth.

IDEAL FLOW FOR
QUICK RESTORATIONS.

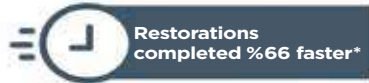


COMPOSITES 

ADVANTAGES

- Greater curing depth- up to 4mm.
- Low shrinkage stress.

Increments of up to 4mm:



Restorations
completed %66 faster*



Anti-gravity effect: ideal for application to upper teeth.



Self-leveling: perfect adaptation to the cavity walls.



Indicated as the base of restorations: it should be covered by composite of dense consistency.

CLINICAL CASE

Author: Prof. Dr. Eduardo Vargas.



INITIAL



FINAL

*When compared to conventional restorative procedures.

AVAILABILITY

Refill



Content: 1 syringe with 2g, in shades A1, A2 or A3.

Indications:

- Base/lining underneath direct restorations.
- Small, non-occlusal stress-bearing class I restorations according to minimally invasive filling therapy.
- Pit and fissure sealant.
- Tunnel-type preparation.
- Repair of enamel defects.
- Bonding of tooth fragments.
- Repair in composite resin.
- Non-carious cervical lesions.
- Planning of preparation walls.
- Core build-up.

Opallis

CE
2797

Composite for anterior
and posterior teeth.

**UNBEATABLE
OPTICAL
PROPERTIES.**



Global presence:
present in more than
55 countries.



Excellent consistency:
easy handling and
application.



Shade fidelity: compatible
with the Vita Classical®
shade guide.



Excellent polishing:
highly esthetic
restorations.



Average particle size:
0.5 microns.

Also available
In capsules



CLINICAL CASE

Author: Prof. Dr. Joana Souza Andrade.

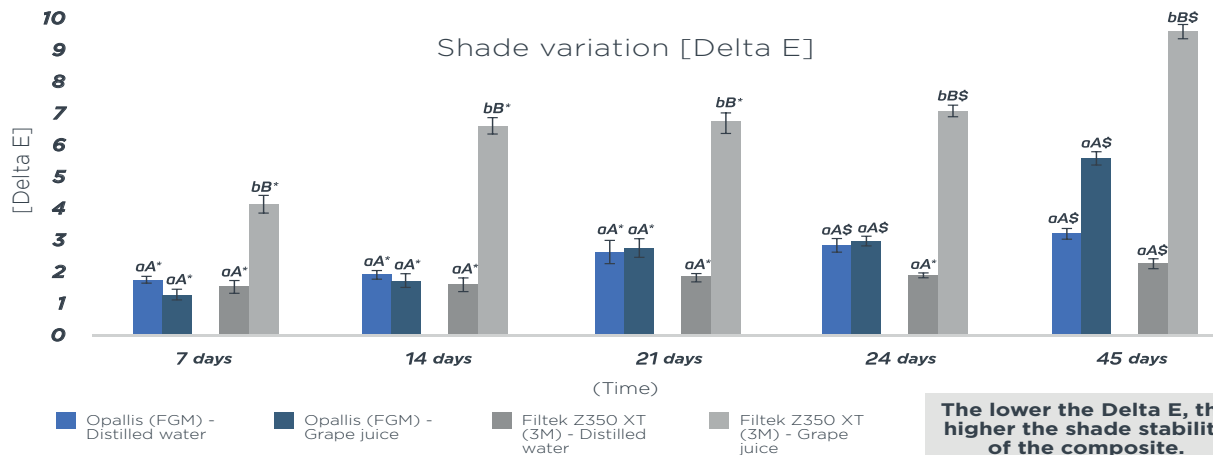


INITIAL



FINAL

SCIENTIFIC PROOF






Source: Nádia da Rocha SVIZERO, Adriana Regina Cruz Grando de GÓES, Tamires de Luccas BUENO, 2 Vinicius DI HIPÓLITO, Linda WANG, and Paulo Henrique Perlatti D'ALPINO. J Appl Oral Sci. 2014 Sep-Oct; 381-373 : (5)22.

CONCLUSION

Opallis was exposed to a highly stained and acidic solution, and even after a long period of exposure, maintained the physical integrity of the surface and a low Delta E (shade variation).

AVAILABILITY

Clinical kit		Basic kit	
	Content: 8 syringes with 4g each, in shades: EA1, EA2, EA3, EB2, DA1, DA2, DA3 and DB5 .2 syringes with 2g each, in shades: D-Bleach, T-Blue, T-Neutral, E-Bleach H and Opaque Pearl, and 1 Ambar with 4ml.		Content: 5 syringes with 4g in shades: EA2, EA3, EA3.5, DA2 and DA3 and 1 syringe with 2g in shade T-Neutral.
Capsules		Refill	
	Content: Syringe with 2g, available in shades: DA4, DC2, D-Bleach, EA4, EB3, EC2, EC3, E-Bleach H, E-Bleach M, E-Bleach L, T-Blue, T-Neutral, Opaque Pearl, Opaque White, odontopediatrics A0.5 and odontopediatrics B0.5. Syringe with 4g, available in shades: DA1, DA2, DA3, DA3.5, DB1, DB2, EA1, EA2, EA3, EA3.5, EB1, EB2.		
Indications:			
<ul style="list-style-type: none">• Restorations of anterior and posterior teeth of classes I, II, III, IV, V and VI.• Direct veneers with composites.		<ul style="list-style-type: none">• Cementation of tooth fragments.• Reduction or closing of diastemas.• Core build-up.	<ul style="list-style-type: none">• Teeth splinting.• Modification of teeth's shape (e.g.: conoid teeth).• Porcelain/composite repairs.

Opallis FLOW

CE
2797

Fluid composite for base, lining and minimally-invasive restorations.



Excellent adaptation to cavity walls: **lower risk of infiltrations.**



Incremental technique: insertion of increments of up to 2 mm.



AVAILABILITY

Refill: 1 syringe with 2g, available in shades: A1, A2, A3 (universal), T (translucent), OP, A0.5, B0.5 and OA3.5 (extraopaque), and applicator tips.

Primma^{art}

Bis-acrylic composite.

CE 2797

THE BIS-ACRYLIC
COMPOSITE
THAT WILL
AMAZE YOU.



More resistance: to fracture and wear.

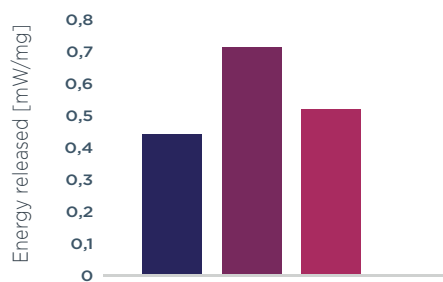


Superior esthetics: high shine and easy polishing.

40%

Economic tip: reduces material waste in up to %40.

SCIENTIFIC PROOF



Source: FGM Internal Data, 2019.

Low heat release

■ PrimmaArt ■ Competitor 1 ■ Competitor 2

Composite safe for use in vital teeth.

The lower the energy released by the polymerization reaction, the lower is the amount of heat produced, decreasing the possibility of causing sensitivity, thus providing more comfort to the patient.

AVAILABILITY

Cartridge



Content: Cartridge with 75g and 10 self-mixing tips.

Compatible with Universal dispenser gun.

Tips



Content: 5 or 20 self-mixing tips.

Refill



Content: 1 Double-body syringe with 7g and 5 self-mixing tips.

Ideal for few elements or small demands.

Available in shades: A1, A2, A3, B1 and BLEACH.

Indications:

- Rebasing of prefabricated temporary pieces of resin, polycarbonate or metal.

- Provisional procedures: inlays, onlays, crowns, veneers and bridges.

- Mock-ups.
- Long-term provisionals.

ambar

UNIVERSAL

Self-etching light-curing adhesive system for enamel and dentin.

HIGH
PERFORMANCE
IN MOIST DENTIN.



APS ADVANTAGES

- Excellent performance for both the specialist and the clinician, at any moisture level of dentin.
- Greater esthetics (colorless aspect).



Colorless aspect.



All the qualities of Ambar APS maximized.



High adhesion in different forms of application: total acid etching, selective etching on enamel and self-etching.



Versatility with minimal sensitivity.



Adhesion to different types of surface: metals, ceramics, composites and fiberglass posts.



Enhanced MDP: increased adhesion strength and improved adhesive film stability.

“

APS brought to the Ambar line greater polymerization efficiency, high level of adhesion and a colorless aspect.

”

Prof. Dr. Alessandro Loguercio

Master in esthetic dentistry (FO/UFPEL/RS),
Doctor in dental materials (FOUSP/SP).

IT CAN BE USED IN THREE ETCHING PROTOCOLS



01

TOTAL ETCHING

After dental preparation, perform acid etching on enamel for 30 seconds and on dentin for a maximum of 15 seconds. Wash with abundant water and dry with air jet. Apply the first adhesive layer with the primer function, apply on dentin for 20 seconds, air jet for solvent evaporation. Apply a second adhesive layer on dentin and enamel, air jet for excess removal and light cure for 20 seconds.



02

SELECTIVE ETCHING

After dental preparation perform acid etching on enamel for 30 seconds. Wash with abundant water and dry with air jet. Apply the first adhesive layer with the self-etching primer function, apply on dentin for 20 seconds, air jet for solvent evaporation. Apply the second adhesive layer on dentin and enamel, air jet for excess removal and light cure for 20 seconds.

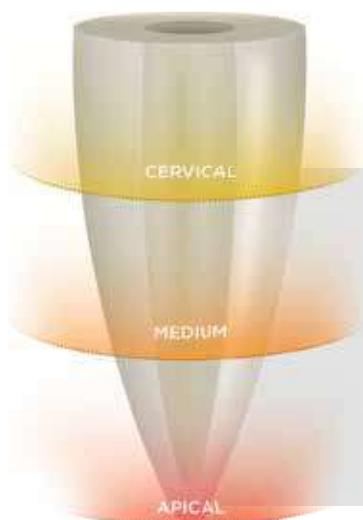


03

SELF- ETCHING

After dental preparation, wash with abundant water and dry with air jet. Apply the first adhesive layer with the self-etching primer function, apply for 20 seconds on dentin, air jet for solvent evaporation. Apply the second adhesive layer on dentin and enamel, air jet for excess removal and light cure for 20 seconds.

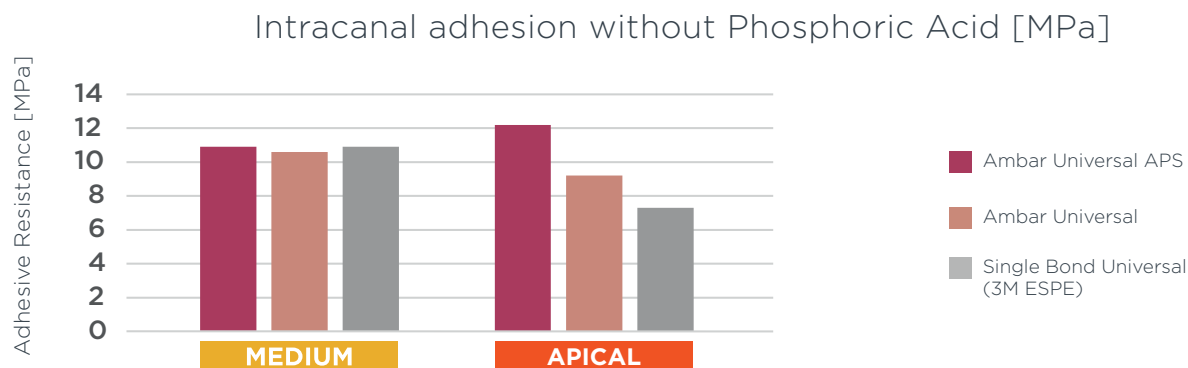
SCIENTIFIC PROOF



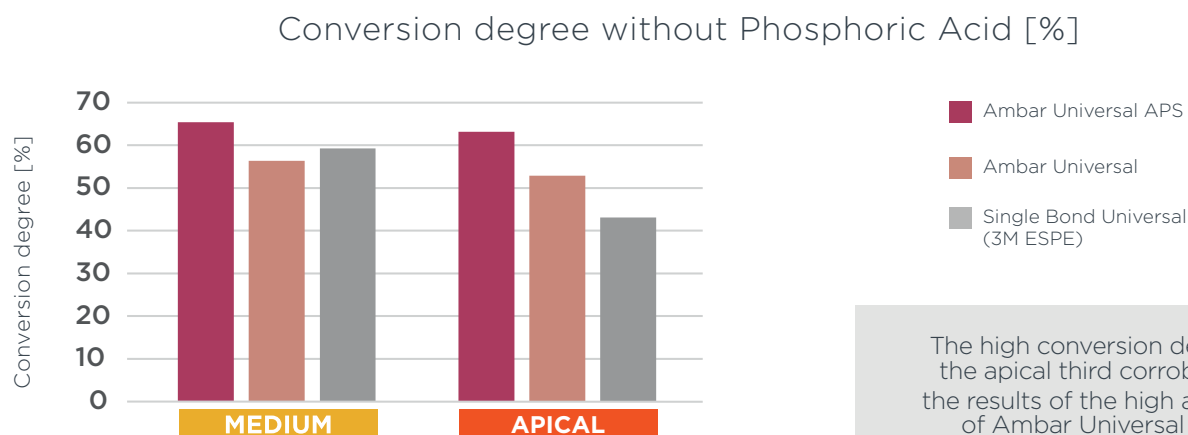
The most recommended for intracanal application.

- High adhesion rates in the intracanal region.
- Better polymerization, even in the apical region.
- Greater compatibility with dual cements.
- Does not require prior acid etching.

Studies show that regardless of the acid etching and moisture level of the dentin, as is the case of the intracanal region, Ambar Universal APS has high adhesive strength:



Source: V Hass et al, Effect of the Photo-initiator System Contained in Universal Adhesives on Radicular Dentin Bonding. Oper Dent 1 September 2020; 45 (5): 547-555.



The high conversion degree in the apical third corroborates the results of the high adhesion of Ambar Universal APS.

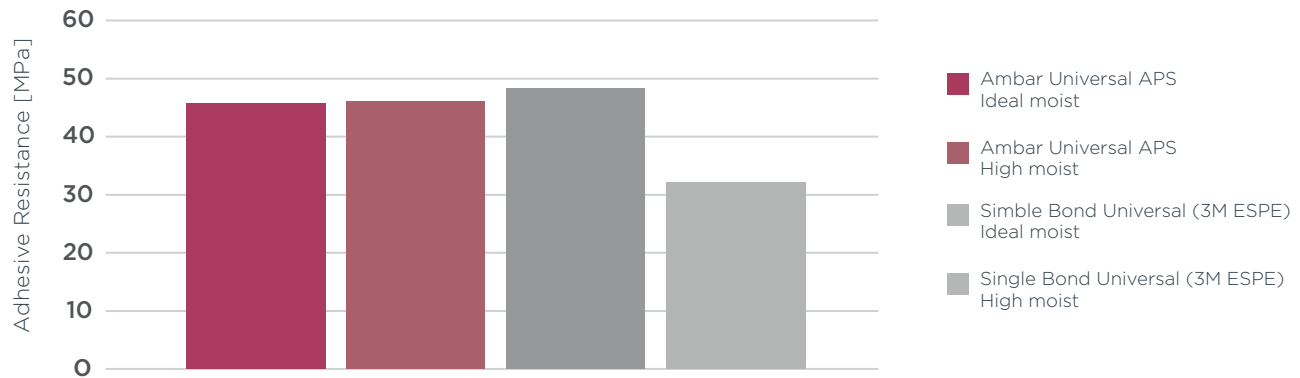
Source: V Hass et al, Effect of the Photo-initiator System Contained in Universal Adhesives on Radicular Dentin Bonding. Oper Dent 1 September 2020; 45 (5): 547-555.

"The FGM's exclusive APS Technology brings to Ambar higher polymerization efficiency, colorless aspect and even increase its adhesive capacity."

Master in esthetic dentistry (FO/UFPEL/RS), Doctor in dental materials (FOUSP/SP).

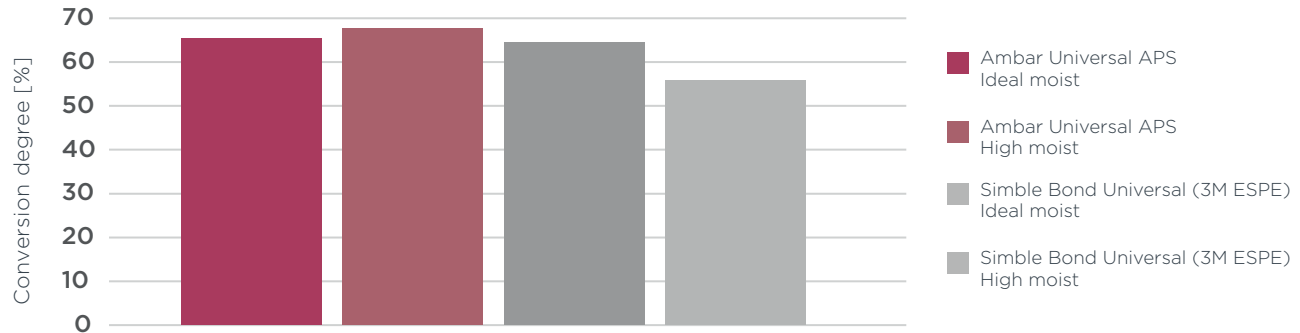


Bonding resistance to dentin without Phosphoric Acid (MPa)



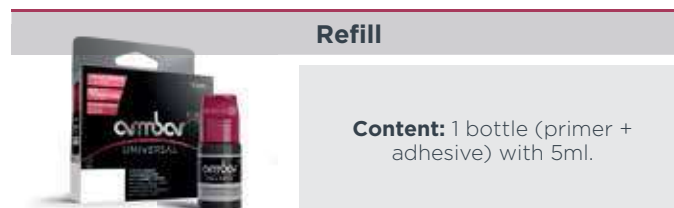
Source: Loguercio, A.D. et al, Influence of dentinal moisture on the properties of universal adhesives, International Journal of Adhesion and Adhesives, Volume 2020 ,101.

Conversion degree without Phosphoric Acid [%]



Source: Loguercio, A.D. et al, Influence of dentinal moisture on the properties of universal adhesives, International Journal of Adhesion and Adhesives, Volume 2020 ,101.

AVAILABILITY



Indications:

- All classes of direct restorations with composites (classes I, II, III, IV and V).
- Adhesive luting (in addition to resin cement) of prosthetic pieces (post/cores, crowns, onlays/inlays, veneers, etc.) made of fiberglass, ceromer, ceramics, resin and metal.
- Use as metallic or ceramic primer.
- Adhesive repairs in ceramic and composites.

ambar

APDS CE 2797

Light-curing adhesive system for enamel and dentin.

GREATER RESISTANCE
AND **ADHESIVE
LONGEVITY.**



APDS ADVANTAGES

- Excellent performance for both the specialist and the clinician, at any moisture level of dentin.
- Greater esthetics (colorless aspect).



Colorless aspect.



Increased adhesion to the enamel, healthy dentin and dentin affected by caries.



High conversion degree.



Lower rate of marginal infiltration.



Formation of a more resistant adhesive film.



Longevity of adhesion.



The adhesive is ideal for application in areas where it is difficult to control the level of moisture, such as restorations in lower teeth or near the gums.

AVAILABILITY



Refill

Content: 1 bottle (primer + adhesive) with 6ml.

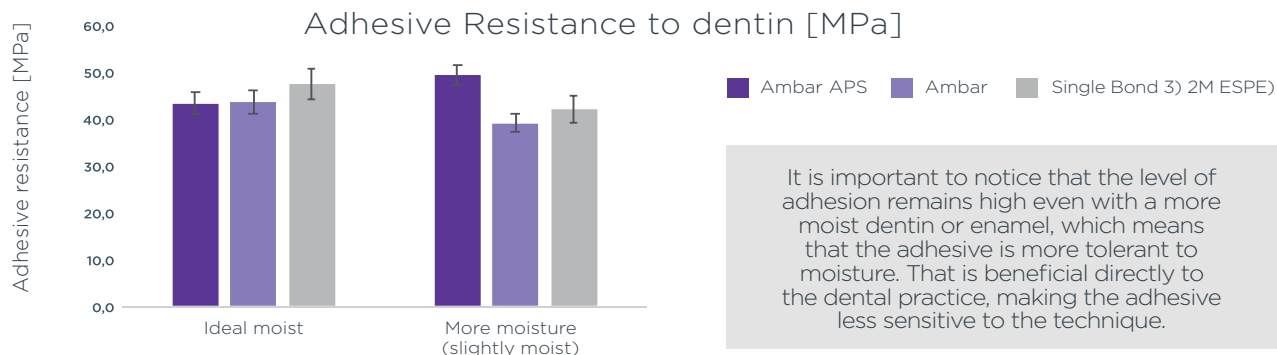
Indications:

- All classes of direct restoration with composites (classes I, II, III, IV and V).
- Adhesive luting (in addition to resin cement) of prosthetic pieces (post/cores, crowns, onlays/inlays, veneers, etc.) made of fiberglass, ceromer, ceramics, resin and metal.
- Adhesive repairs in ceramic and composites.

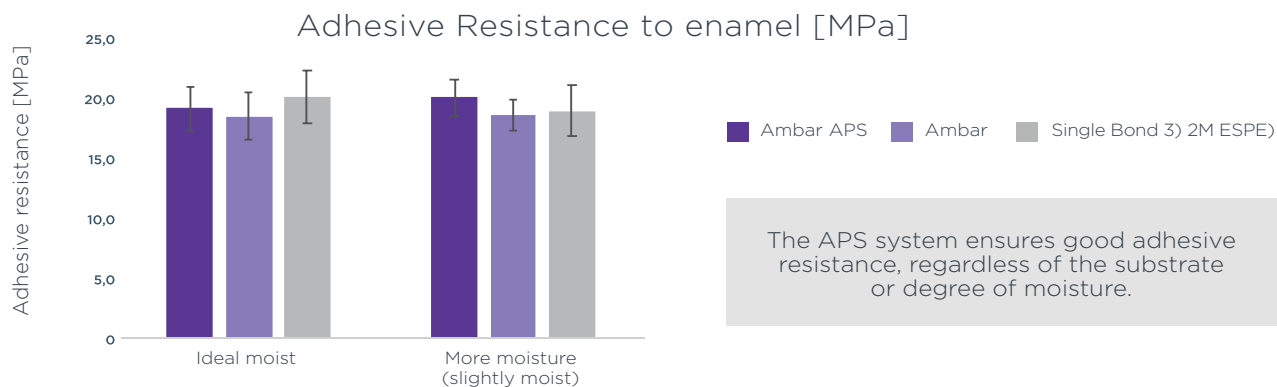
FINALLY A PRODUCT THAT IS NOT SENSIBLE TO MOISTURE

One of the biggest challenges of an adhesive system is to maintain performance in different moisture conditions. Ambar APS and Ambar Universal APS surpass those challenges.

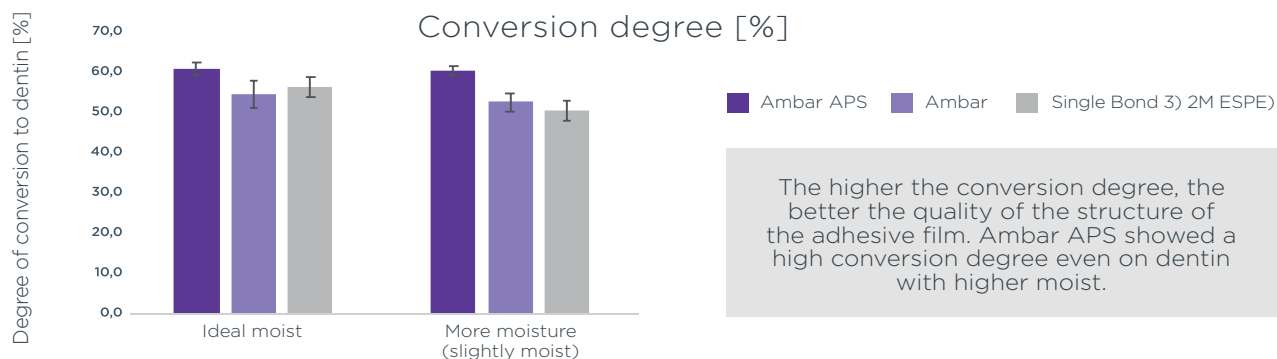
SCIENTIFIC PROOF



Source: Loguercio AD, et al., UEPG-PR, 2018.



Source: Loguercio AD, et al., UEPG-PR, 2018.



Source: Loguercio AD, et al., UEPG-PR, 2018.

ambar

Light-curing adhesive system
for enamel and dentin.

CE
2797

PROVEN BY
RESEARCHERS.
**APPROVED BY
DENTISTS.**



Practicality: primer +
adhesive in a single bottle.



Adequate marginal
sealing.



High conversion
degree.



Proven clinical
longevity.



Long-term
adhesion.

PRODUCT APPLICATION



Acid etching.



Adhesive application.



Final restoration.

AVAILABILITY



Refill

Content: 1 bottle (primer +
adhesive) with 4ml or 6ml.

Indications:

- All classes of direct restoration with composites (classes I, II, III, IV and V).
- Adhesive luting (in addition to resin cement) of prosthetic pieces (post/cores, crowns, onlays/inlays, veneers, etc.) made of fiberglass, ceromer, ceramics, resin and metal.
- Adhesive repairs in ceramic and composites.

Condac37^{CE}

%37 phosphoric acid gel for etching of enamel and dentin.



Good solubility
with water:
easy removal.



It has a differentiated color: facilitates the control of application.



Excellent consistency: easy application, does not run off the application site.

AVAILABILITY

Refill: 3 syringes with 2.5ml each and applicator tips.

Condac porcelana^{CE}

%10 hydrofluoric acid gel for etching porcelain.



Good solubility
with water:
easy removal.



It has a differentiated color: facilitates the control of application.



Excellent consistency: easy application, does not run off the application site.

AVAILABILITY

Refill: 1 syringe with 2.5ml and applicator tips.

Prosil

Silanization agent for ceramic parts, laboratory composites and fiberglass post



Practicality: protocol of application of only 1 minute.



Efficiency: increases adhesion to different substrates.



AVAILABILITY

Refill: 1 bottle of Prosil with 4g.

Whitepost^{CE}

Fiberglass posts.

IT ADAPTS PERFECTLY: TO
THE ROOT CANAL, TO YOUR
TECHNIQUE AND TO YOU.



Excellent translucency:
post with high esthetic
capacity.



Excellent light
conductivity: helps in
cement and adhesive
polymerization.



Double taper: better adaptation
to the root canal without
requiring greater wear and tear
of the dental structure.



Radiopacity.

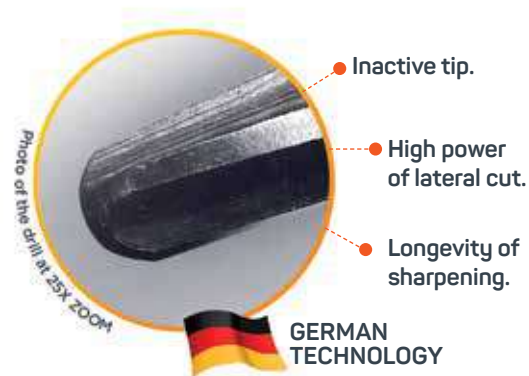
“ The fiberglass post has
come to change our clinical
alternatives, in a faster and
safer way, besides offering a
spectacular force dissipation. **”**

Prof. Dr. Marcelo Alves



DC 0.5

Both have the same apical
diameter of the corresponding
size $\frac{1}{2}$ DC 0.5 and DC-E 0.5 $\frac{1}{2}$.



CLINICAL CASE

Author: Raphael Monte Alto.



Initial.




Cemented post.



Final.

AVAILABILITY

Kit	Intro kit	Refill
 <p>DC 0.5, DC 1, DC 2 and DC-E2 Content: 5 posts of each size (totaling 25 posts), respective drills and guide for post selection.</p>	 <p>DC 0.5, DC 1 and DC 2 Content: 5 posts of the same size and respective drill.</p>	 <p>DC 0.5, DC 1, DC 2 and DC 3 Contents: 5 posts of the same size.</p>

Indication: Intra-radicular reinforcement of dental structure and anchorage for definitive restorative material or core build-up of anterior and posterior teeth.

Allcem Veneer

Light-curing resin cement for veneers and no-prep veneers.

TOTAL CONTROL
OF **CEMENTATION.**

CE
2797



ADVANTAGES

- Longer working time for veneer positioning in bright environment.
- Maximum esthetic predictability: no variation in shade and opacity after polymerization.



Thixotropy:
excellent handling.

 **Combination with Allcem Veneer Try-in:** shade predictability.

 **Shade stability:** esthetic longevity.

 **With fluorescence:** aspect similar to a natural tooth.

 **%63 weight load:** excellent mechanical properties.

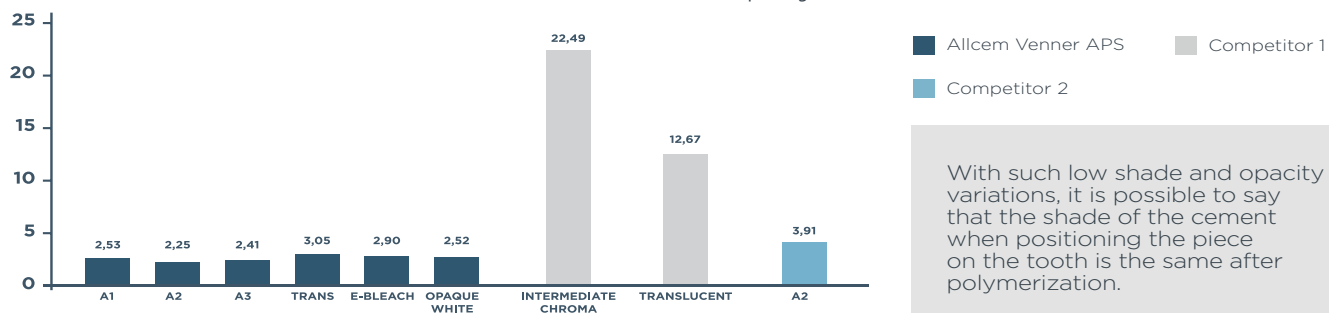
AVAILABILITY

MiniKit	Refill
 <p>Content: 3 syringes with 2.5g each, in shades: A1, OW and Trans, 3 Try-in syringes with 2g each, in shades: A1, OW and Trans, 1 Ambar APS with 2ml and applicator tips.</p>	 <p>Content: 1 syringe with 2.5g, shades: A1, A2, A3, Trans, Opaque White or E-Bleach M, and applicator tips.</p> <p>Content: 1 Try-in with 2g, shades: A1, A2, A3, Trans, Opaque White or E-Bleach M, and applicator tips.</p>

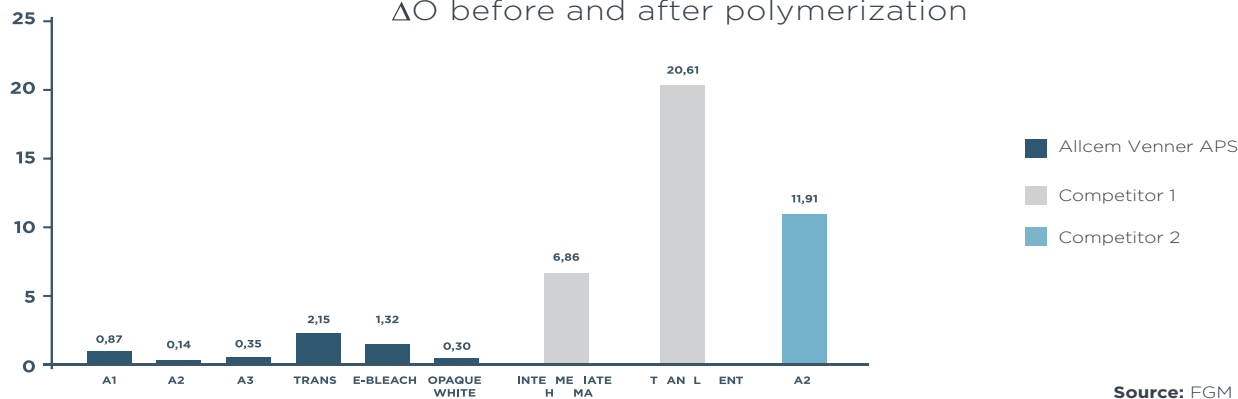
Indications: Adhesive luting of ceramic and composite restorations (fabricated at the chair-side or in the laboratory) with a low layer thickness (up to 1.5mm) that enable the use of a pure light-curing technique due to their high translucency.

SCIENTIFIC PROOF

ΔE before and after polymerization



ΔO before and after polymerization



Source: FGM Internal Data.

“Allcem Veneer APS provides shade stability prior to and after photopolymerization and an increase in working time. Another great advantage are the shades of the Try-in pastes, very similar to the shades of the cement. In other words, by using this material you can run more reliable tests.”

Prof. Dr. Paulo Quagliatto

Coordinator for the Training Course in esthetic dentistry at APCD Ribeirão Preto.

CLINICAL CASE

Author: Prof. Dr. Leandro Martins.



INITIAL



FINAL

Allcem CORE ^{CE} 2797

Dual resin cement for cementation and core build-up.



3 in 1



Post
cementation



Core
build-up



Crown
cementation



Dual cure:
polymerization even
in the absence of light.



Practical use: use of intracanal
tip enables more uniform
cementation and no bubbles.



Radiopacity.

AVAILABILITY

Refill: 1 double-body syringe with 6g, available in shades A1, A2, A3 and Opaque Pearl, and nozzles with applicator tip.
Package with 20 nozzles with applicator tip.

Allcem DUAL ^{CE} 2797

Dual resin cement.



Dual cure:
polymerization even
without light.



Proper adhesion to the
intra-radicular dentin.



High resistance to wear.



Two types available: single-body
and double-body syringe.

AVAILABILITY

Double-Body refill: 1 double-body syringe (base+catalyzer) with 5g, available in shades: A1, A2, A3 and Trans, and self-mixing applicator tips.

Maxxion R

Glass ionomer cement for restorations.



Biocompatible.



Excellent adhesion.



Can also be used as
liner for restorations.



AVAILABILITY

Kit A2 and A3: 1 bottle of powder cement with 10g, 1 bottle of liquid with 8g, 1 powder scoop and 1 block for spatulation.

Maxxion C

Glass ionomer cement.



With fluoride: prevents
dental demineralization.



Low solubility: longevity
of cementation.



Indicated for cementation
of orthodontic bands,
zirconia and metals.



AVAILABILITY

Kit: 1 bottle of cement powder with 15g, 1 bottle of liquid with 10g, 1 powder scoop and 1 block for spatulation.

Orthocem

Cement for bracket bonding.

CE
2797

Adhesive strength: avoids failure throughout treatment and facilitates the removal of the bracket at the end of the treatment.



Esthetics: ability to resist shade variation over time, without compromising the esthetics of the smile.



Excellent consistency: easy application on the brackets and removal of excesses.



UV Tracer: allows the cement to be traced when ultraviolet light is applied, facilitating its removal, without damaging the enamel.

PRODUCT APPLICATION



Acid etching with Condac %37 on the areas where brackets will be cemented.



Application of the Ambar APS adhesive.



Application of Orthocem cement onto the texture of the bracket.



Photopolymerization of the orthodontic cement.

AVAILABILITY

Kit



Content: 1 syringe with 4g and 1 syringe of Condac 37 with 2.5 ml. with 2.5ml and applicator tips.

Refill



Content: 1 syringe with 4g.

Indications:

Cementation of orthodontic brackets of polycarbonate, metal and ceramics.

Ortho Bite

CE 2797

Light-curing composite for disocclusion and band cementation.



Self-adhesive system: requires only previous acid etching.



High mechanical and adhesive resistance: cementation durability or bite lift.



Self-leveling: easy application.



High smoothness: comfort for the patient.

AVAILABILITY

Refill: 1 syringe with 4g.

Diamond pro

CE

Disks for finishing and pre-polishing.



Excellent finishing and pre-polishing: for various surfaces.



Quick fitting: greater practicality.



No metal parts: prevents damage to the composite during polishing.



Available in 4 granulations.



AVAILABILITY

Refill: 26 sandpaper disks in granulations: thick and medium with diameters of 8 and/or 12mm and 1 mandrel.

Kit: 56 Diamond Pro sandpaper disks in four granulations: thick, medium, thin and extra fine and 1 mandrel.

Top comfort

Light-curing composite that replaces orthodontic wax.



High adhesive and mechanical strength.



Versatility: different clinical indications.



More efficient than traditional wax.



3 in 1


1. Protects the mucosa from injuries caused by the brackets.
2. Helps in fixing the edge wire.
3. Makes stop for self-bonding braces.

AVAILABILITY

Refill: 1 syringe with 2g and applicator tips.

Diamond R^{CE}

Aluminum oxide composite polishing paste.

 **Indicated for final polishing in extra-fine granulation composites (6 to 8 microns).**

 **Mint flavor:** pleasant feeling for the patient.

 **Thixotropic effect:** does not run off the application site.



AVAILABILITY

Refill: 1 syringe with 4g and applicator tip.

Diamond excel^{CE}

Micronized diamond-based universal polishing paste.

 **Universal polishing:** can be used with all restorative materials.

 **Extra-fine granulation:** 2 to 4 microns.



AVAILABILITY

Refill: 1 syringe with 2g and applicator tip.

arcflex^{CE}

Lip retractor.

 **Versatility:** helps in various clinical procedures.

 **Autoclavable:** device reusable and resistant to sterilization cycles.

 **High flexibility:** easy insertion and removal.



AVAILABILITY

Package containing 1 retractor size M or L.
Package containing 2 retractor M and L.

flúor care

Sodium fluoride-based foam at 1.23%.

8x High yield: up to 400 applications (8x more than gel).

Consistent foam: allows you to use with tray or lip retractor.

Safety: lower risk of ingestion.

Variety: 3 options of flavors.



AVAILABILITY

Refill: 1 bottle of Flúor Care with 100g, available in flavors: tutti frutti (neutral), strawberry and grape (acidulates).

Duofluorid XII

Varnish based on sodium fluoride at 6% and calcium fluoride at 6%. Remineralizing and desensitizing action.

Prevention and remineralization of lesions that initiate cavities.

Colorless: does not compromise esthetics.

Treatment of dental hypersensitivity.

Quick drying: fast application.



AVAILABILITY

Refill: 1 bottle with 8ml varnish and 1 bottle with 8ml solvent.

Prevent

Light-curing resinous sealant for pits and fissures.

Fluoride release: prevents dental demineralization.

Excellent wettability: perfect adaptation to the occlusal topography.



AVAILABILITY

Refill: 1 syringe with 2g. Options: Opaque White or Tinted and applicator tips.



IMPLANTES

BRAVA

GLASS-CERAMIC COMPOSITE BLOCK FOR MILLING IN CAD-CAM.

Glass-ceramic composite for CAD/CAM which stands out for its unique characteristics of polishing, mechanical properties and durability.



INDICATED FOR



Crowns



Inlays



Onlays



Veneers



Over
Implants

HIGHLY ESTHETIC

Excellent shine and polishing.

LONGEVITY

High wear resistance.
86% conversion degree.

COMFORTABLE CHEWING

Low abrasion of the antagonist tooth

ALWAYS NEW

It allows repairs and repolishing in appointments.

VERY RESISTANT

It allows the creation of ultra-fine structures for indirect veneers.

SHADES

11 shades, 1 for whitened teeth.

AVAILABILITY

BLAVA BLOCK KIT WITH 5 UNITS.

Available in size 14L and in shades:

- **Low Translucency:** A1-LT, A2-LT, A3-LT, A3,5-LT, B1-LT, C2-LT e Bleach.
- **High Translucency:** A1-HT, A2-HT, A3-HT e B1-HT.



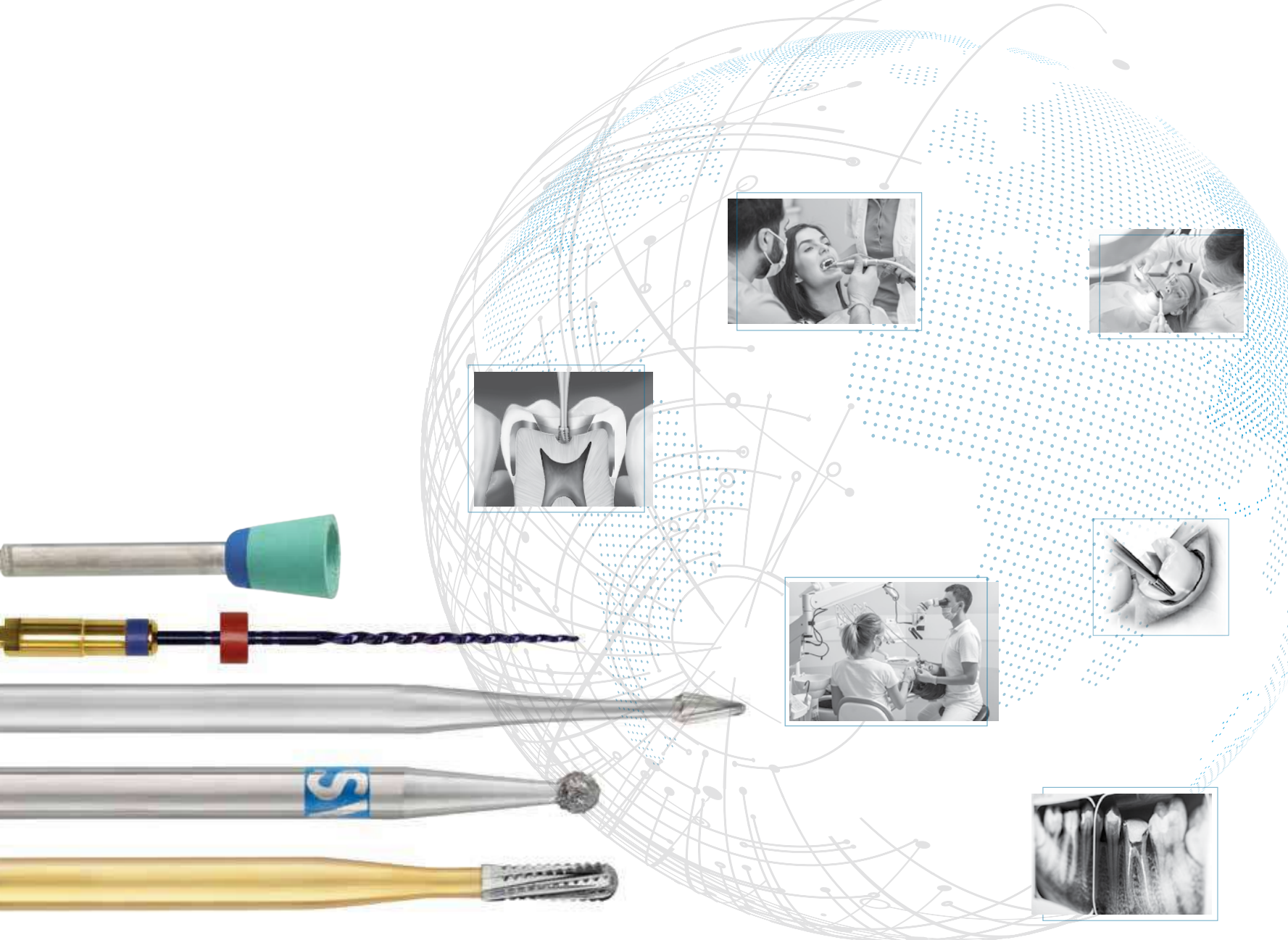
SIRONA

Código	Produto
13954	BRAVA BLOCK A1-HT
13847	BRAVA BLOCK A1-LT
13955	BRAVA BLOCK A2-HT
13948	BRAVA BLOCK A2-LT
13950	BRAVA BLOCK A3,5-LT
13956	BRAVA BLOCK A3-HT
13949	BRAVA BLOCK A3-LT
13957	BRAVA BLOCK B1-HT
13951	BRAVA BLOCK B1-LT
13952	BRAVA BLOCK BLEACH
13953	BRAVA BLOCK C2-LT

AMANN

Código	Produto
13837	BRAVA BLOCK A1- LT
13841	BRAVA BLOCK A1-HT
13843	BRAVA BLOCK A2-HT
13838	BRAVA BLOCK A2-LT
13840	BRAVA BLOCK A3,5-LT
13844	BRAVA BLOCK A3-HT
13839	BRAVA BLOCK A3-LT
13845	BRAVA BLOCK B1-HT
13842	BRAVA BLOCK B1-LT
13836	BRAVA BLOCK BLEACH
13846	BRAVA BLOCK C2-LT

*Ceramill – AMANNGIRRBACH®. Cerec – SIRONA®. Lava – 3M ESPE®. Everest – KAVO®. Procera – NOBEL BIO CARE®. Cercom – DEGUDENT® | Evolution 4D - D4D TECHNOLOGIE®, Etkon – ETKON®, Pro 50 – CYNOVAD®, Wol-Ceram – WOL DENT®, Zirkonzahn – ZIRKONZAHN® | Zenotec – WIELAND/IVOCLAR®, VHF – VHF/SMART DENT®, BR3D – TECNODRILL®, Yenadente D15W – HYPERLAB®, Imes Icore 250i – IMES ICORE®, Cristofoli – SISPRODENT®, DWX-4 – ROLAND®.



SS WHITE Dental®

sswhitedental.com

Better Patient Outcomes
Improved Efficiency
Faster Practice Growth

A Proud Heritage of Innovation, Collaboration and Achievement

The name SS White® is synonymous with dentistry in the United States. The glorious history of SS White Burs began in 1844 when Samuel Stockton White opened up his business in Philadelphia, PA.

The growth of SS White is directly related to Dr. White's determination to improve his chosen profession. He encouraged doctors to communicate ideas freely with him, resulting in many innovations and a business philosophy that is the foundation of the company, even today.

Over 175 Years and Our Philosophy Remains the same...

SS White Dental continues the founder's tradition of identifying and developing ideas that will improve the quality of dental care and make it more efficient. We believe that innovation and the creation of unique products are the cornerstone of our company and make SS White one of the most well recognized and trusted names in dentistry.

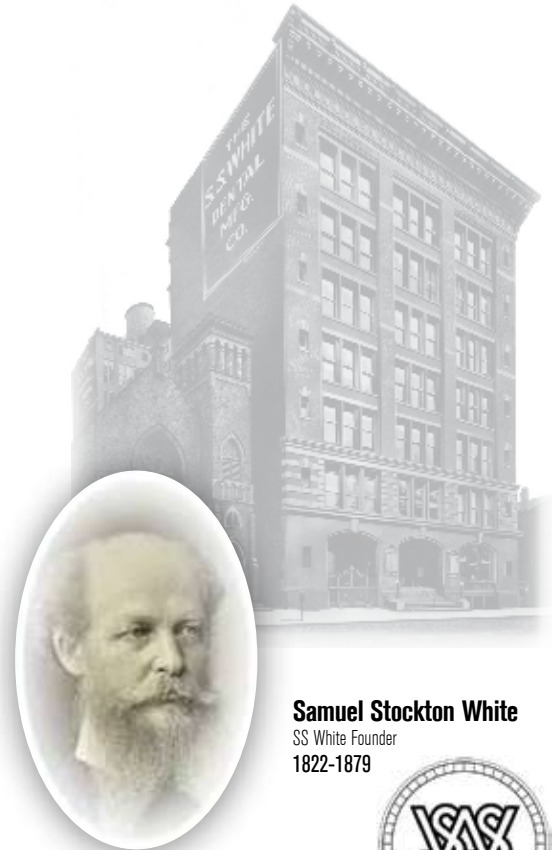
At SS White, we've been innovating and supporting dentists and their practices since 1844. As a family owned, U.S. based company, SS White is focused on the success of our customers and the treatment and outcomes of their patients. Each day we stand committed to fulfilling the needs of endodontists and general practitioners in three ways:

- A focus on quality products at a low cost.
- A focus on maximizing profitability and efficiencies chairside and in the practice for a better patient experience and outcome.
- A focus on conservation and preservation through minimally invasive dentistry.

The future is bright with SS White!

SS WHITE Dental®

Better Patient Outcomes
Improved Efficiency
Faster Practice Growth



Samuel Stockton White
SS White Founder
1822-1879



SS White Dental
Lakewood, NJ

Unmatched Strength, Unrivalled Cutting and Reduced Breakage Make SS White Carbide Burs The #1 Choice of Dentists Worldwide.

Round
Bur #2Straight/Flat End
Cross Cut Bur
#556

SS White tungsten carbide burs ensure a fast, smooth, vibration free performance; reducing patient discomfort as well as operating time.



ROUND

FG 5 PACK1/4
3102131/2
3100931
3100952
3100973
3100984
3101005
3101016
3101027
3101038
310196

10

SS 5 PACK

310094

310096

310157

310099

310192

310193

RA 5 PACK

310000

310001

310002

310003

310004

310005

310006

310007

310008

HP 5 PACK

310045

310046

310047

310048

310049

310050

310051

310052

310053

310054

310055



PEAR

FG 5 PACK1/2 P
3102091P
3102102P
3102114P
310212329
310120330
310122300M
310131331
310125332
310126330L
310129331L
310155332L
310156**SS 5 PACK**

310214

310123

310178

RA 5 PACK





310019

310021

"SS White offers strength, consistency and predictability in each carbide bur they manufacture. This gives me confidence that for each patient; I can maximize the quality of the restoration and create better, more beautiful smiles."

- Dr. Lou Graham

STRAIGHT/FLAT
END PLAIN

					
FG 5 PACK	56 310114	57 310116	57L 310146	58 310118	59
SS 5 PACK	310189	310117		310115	
RA 5 PACK		310017			310018
HP 5 PACK		310064			310065

STRAIGHT/ROUND
END PLAIN

			
FG 5 PACK	1156 310197	1157 310198	1158 310199
SS 5 PACK	310200	310201	310195










STRAIGHT/FLAT
END CROSS CUT

										
FG 5 PACK	556 310124	557 310127	558 310130	559 310152	560 310153	562 310069	563 310070	556L 310171	557L 310150	558L 310151
SS 5 PACK	310170	310161	310162							
RA 5 PACK		310020	310022	310023	310024					310043
HP 5 PACK		310066	310067	310068	310071					310084

STRAIGHT/ROUND END
CROSSCUT FISSURE

			
FG 5 PACK	1556 310138	1557 310139	1558 310142
SS 5 PACK	310137	310140	310143
RA 5 PACK	310036	310037	310040
HP 5 PACK	310080	310081	310082

INVERTED
CONE

								
FG 5 PACK	33 1/2 310105	34 310107	35 310109	36 310110	37 310111	37L 310145	38 310112	39 310113
SS 5 PACK	310106	310108	310160		310144			
RA 5 PACK	310010	310011	310012	310013	310014	310042	310015	310016
HP 5 PACK	310057	310058	310059	310060	310061	310083	310062	310063

TAPER/FLAT
END PLAIN**FG 5 PACK**

169	170	171	169L	170L	171L
310184	310119	310121	310185	310148	310149

SS 5 PACK

310194

AMALGAM PREP

**FG 5 PACK**

244	245	246	256	257	271
310172	310164	310165	310166	310167	310168

SS 5 PACK

310169

TAPER/ FLAT
END CROSS CUT**FG 5 PACK**

699	700	701	702	703	699L	700L	701L	702L	703L	1702	1702L	1703	1703L
310186	310132	310133	310191	310135	310188	310190	310154						

SS 5 PACK

310187 310163 310134

RA 5 PACK

310025 310028 310029 310031 310044

HP 5 PACK

310072 310073 310074 310075 310077 310085 310076 310078 310088 310089 310086 310087

TAPER/ ROUND
END PLAIN**FG 5 PACK**

1170	1171	1172	1169L	1170L	1171L
310202	310204		310208	310206	310207

SS 5 PACK

310203 310205

RA 5 PACK

310033 310035 310032

END CUT

**FG 5 PACK**

956	957
310128	310136

RA 5 PACK

310034

HP 5 PACK

310079

WHEEL

**FG 5 PACK**14
310104**RA 5 PACK**

310009

HP 5 PACK

310056

SURGICAL &
ENDODONTIC LENGTH



FGSL 10 PACK

RASL 10 PACK

	1	2	4	6	8	557	558	1557	1558	700	701
	350000	350001	350002	350003	350004	350005	350006	350007	350008	350009	350010

	350023	350024	350025	350026	350027	350028	350029				
--	--------	--------	--------	--------	--------	--------	--------	--	--	--	--

SURGICAL &
ENDODONTIC LENGTH



FGSL 10 PACK

RASL 10 PACK

	702	703	1702	1703
	350011	350012	350013	350014
	350030	350031	350032	350033

ZEKRYA BURS



FG 10 PACK

	151	151L
	350169	350170

BONE CUTTERS



FG 1 PK.

	161-016	162-016	162A-016	267-016	269-016
	17735-1	17736-1	17737-1	17738-1	17739-1

RA 1 PK.

	161-016
	17740-1

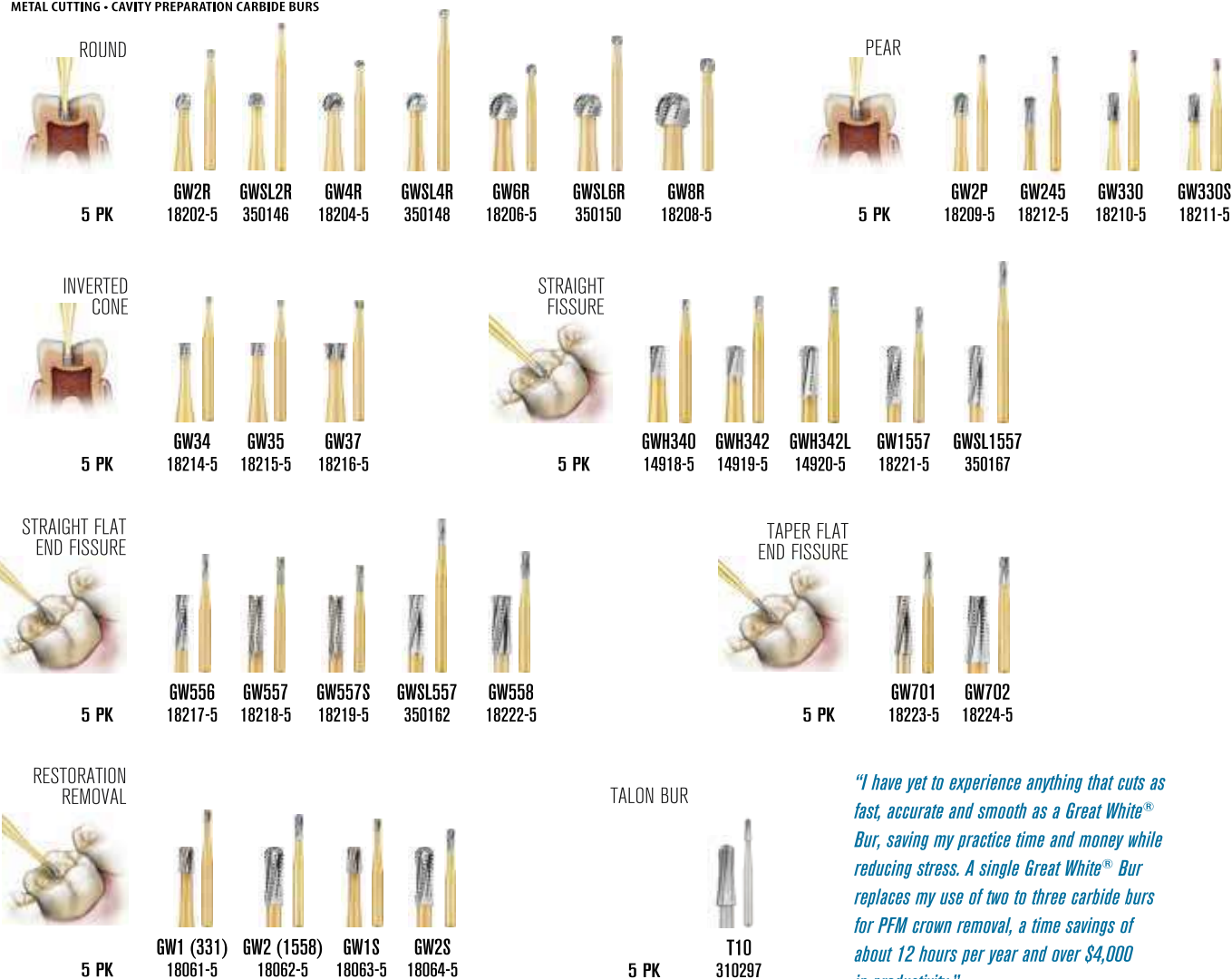
HP 1 PK.

	161-016	162A-016
	17741-1	17742-1

Save 12 Hours Per Year in Chair Time Using the #1 Selling Metal Cutting Bur Worldwide

Innovative blade geometry combined with unparalleled neck strength produces a bur that quickly cuts metal with reduced chatter and breakage enabling one bur to remove up to three PFMs.

GREAT WHITE® GOLD SERIES METAL CUTTING - CAVITY PREPARATION CARBIDE BURS



"I have yet to experience anything that cuts as fast, accurate and smooth as a Great White® Bur, saving my practice time and money while reducing stress. A single Great White® Bur replaces my use of two to three carbide burs for PFM crown removal, a time savings of about 12 hours per year and over \$4,000 in productivity."

- Howard S. Glazer, DDS

40% Faster Crown Preparations Versus Diamonds.

Great White Ultra Burs cuts both enamel and restorative materials faster than comparable diamond instruments, saving chair time and money.

GREAT WHITE® ULTRA CROWN & BRIDGE PREPARATION CARBIDE BURS

FOOTBALL



10 PK
HEAD LENGTH (mm)
MAX HEAD DIAMETER (mm)

GWU 379-023
350138
4.2
2.3

SHORT FLAT END TAPER



10 PK
HEAD LENGTH (mm)
MAX HEAD DIAMETER (mm)

GWU 845KR-016
350140
4.0
1.6

GWU 845KR-018
350141
4.0
1.8

GWU 845KR-025
350142
4.0
2.5

DEPTH CUTTER



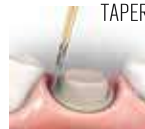
5 PK



GWDC1
310158

GWDC2
310159

FLAT END TAPER



10 PK
HEAD LENGTH (mm)
MAX HEAD DIAMETER (mm)

GWU 847-016
350144
8.0
1.6

GWU 847-018
350136
8.0
1.8

GWU 847-020
350137
8.0
2.0

FLAT END TAPER SHORT SHANK



10 PK
HEAD LENGTH (mm)
MAX HEAD DIAMETER (mm)

GWU 847-016S
350131
8.0
1.6

GWU 847-018S
350132
8.0
1.8

GWU 847-020S
350130
8.0
2.0

ROUND END TAPER



10 PK
HEAD LENGTH (mm)
MAX HEAD DIAMETER (mm)

GWU 855-025
350139
7.0
2.5

GWU 856-016
350143
8.0
1.6

GWU 856-018
350133
8.0
1.8

GWU 856-020
350134
8.0
2.0

GWU856-023
350135
8.0
2.5

ROUND END TAPER SHORT SHANK



10 PK
HEAD LENGTH (mm)
MAX HEAD DIAMETER (mm)

GWU 856-016S
350127
8.0
1.6

GWU 856-018S
350128
4.0
1.8

GWU 856-020S
350129
8.0
2.0

Crown and Bridge Preparation Kit



All-In-One Kit

Designed for the efficient atraumatic removal of failed amalgams, composites, zirconia and PFM Crowns.

Kit Reorder No. 18150

Kit Contents:

- 2 Great White® Ultra #856-016
- 2 Great White® Ultra #856-018
- 2 Great White® Ultra #856-020
- 1 Great White® Ultra #379-023
- 2 Great White® Ultra #847-016
- 2 Great White® Ultra #847-018
- 1 Autoclavable Bur Block

The Great White® Ultra:

- Cuts quickly and smoothly through enamel
- Negotiates amalgam and other restorative materials with minimal clogging and no "drag or stalling"
- Now a single instrument for completing crown preparations
- More efficient –less chair time
- Helps provide precise margins

"The Great White® Ultra is a versatile bur designed for crown and bridge. It cuts smoothly and efficiently through dentin, enamel, amalgam, composite and cast metal restorations. The unique blade geometry ensures smooth cutting action even when moving from dentin to amalgam or cast metal restorations." – Steven Abrams, DDS

Create More Beautiful Smiles by Design

- 10 blade Safe End or 12 blade finishing burs efficiently trim and contour composites
- 20 blade Safe End or 20 blade Finishing burs create an ultra-smooth, pre-polish on composites
- 18 Blade Orthodontic debonding burs



SOLD IN 10 PACKS

ROUND



10 PACK 12 BLADE

7002 350053 7003 350054 7004 350043 7006 350044 7008 350045 7009 350057 8006 9004 9006 9008

10 PACK 20 BLADE

350016

10 PACK 30 BLADE

350034 350035 350036

EGG



10 PACK 12 BLADE

7377 350074 7378 350070 7379 350076 8377 8378 8379

10 PACK 20 BLADE

350075 350071 350077

BEVEL



10 PACK 12 BLADE

7878 350095 8878 7283 350178

10 PACK 20 BLADE

350096

NEEDLE



10 PACK 12 BLADE

7901 350058 7902 350048 7903 350097 7904 350015 8901 8902 8903 8904 9903 9904

10 PACK 20 BLADE

350018 350019 350020 350021

10 PACK 30 BLADE

350041 350037

RELIANT



10 PACK 18 BLADE

118S 118L 218

FOOTBALL



10 PACK 12 BLADE

7404
350055

7406
350050

7408
350082

8404

8406

8408

9406

10 PACK 20 BLADE

350080

350081

350083

10 PACK 30 BLADE

350038

FOA 1



10 PACK 12 BLADE

FOA1
350101

BULLET



10 PACK 12 BLADE

7801
350093

7802
350094

7803
350047

9803
350039

FLAME



10 PACK 12 BLADE

7104
350046

7106
350049

7108
350056

7274

8274

10 PACK 20 BLADE

350067

INVERTED TAPER



10 PACK 12 BLADE

7303
350068

7304
350069

STRAIGHT



10 PACK 30 BLADE

7572
350084

7583
350051

9561
350042

ROUND END
TAPER



10 PACK 12 BLADE

7675
350087

7676
350089

8675

8676

10 PACK 20 BLADE

350088

350090

TAPER



10 PACK 12 BLADE

7702
350091

7713
350092

7642
350085

7664
350086

8642

9642

10 PACK 20 BLADE

350017

10 PACK 30 BLADE

350040

FLAT END
TAPER



10 PACK 12 BLADE

7204
350063

7205
350064

7206
350065

7375

7376

8375

8376

10 PACK 20 BLADE

350073

350079

CFT



10 PACK F6

CFT1
350098

CFT2
350099

CFT3
350100

SURGICAL LENGTH
FINISHING



10 PACK 12 BLADE

7902SL
350116

7104SL
350114

7106SL
350022

7108SL
350115

LONG FLAME



10 PACK 12 BLADE

48L-010
350175

48L-012
350176

SAFE END
SERIES



10 PACK 10 BLADE

SE3
350102

SE4
350103

SE6
350104

SE8
350105

SE9
350106

10 PACK 20 BLADE

350107

350108

350109

350110

350111


Save 3 to 5 Minutes On Sectioning 3rd Molars with the Most Efficient Oral Surgery Burs

- Packaged pre-sterile to save pre-operative time and for patient safety
- Unique blade geometry eliminates clogging and delivers faster cutting with more effective bone and tooth removal discharge
- Compatible with all popular hand pieces




(SOLD IN 5 PACKS)

ORAL SURGERY BUR SHAPE SELECTION



Round		NON-STERILE Shank #1	STERILE Shank #1	STERILE Shank #2	STERILE Shank #3	STERILE Shank #4		STERILE Shank #5		STERILE Shank #6	
Size	Head Dia.	SSW#	SSW#	SSW#	SSW#	SSW#	STRYKER#	SSW#	STRYKER#	SSW#	STRYKER#
1	1.0	310047									
2	1.2	310048									
4	1.4	310050									
6	1.8	310052	310290	310249	310260	310268	2296-100-418	310278	2296-101-418	310240	277-10-418
8	2.3	310054	310289	310250	310261	310269	2296-100-423	310279	2296-101-423	310241	277-10-423
10	2.7	310055	310291								








Cross Cut Fissure		Shank #1		Shank #2	Shank #3	Shank #4		Shank #5		Shank #6	
Size	Head Dia.	SSW#		SSW#	SSW#	SSW#	STRYKER#	SSW#	STRYKER#	SSW#	STRYKER#
557	1.0	310066									
558	1.2	310067									
560	1.6	310071				310270				310242	
1557	1.0	310081									
1558	1.2	310082									
700	1.2	310073									
701	1.2	310074	310292	310251		310271	2296-100-212	310280			
701L	1.2	310085									
702	1.6	310075	310293	310252	310262	310272	2296-100-216	310281	2296-101-216	310243	277-10-216
702L	1.6	310076		310253		310273	2296-100-316	310282	2296-101-316	310244	
1702	1.6	310088		310258		310266		310287			
1702L	1.6	310089		310259		310267		310288			
703	2.1	310077	310294	310254	310263	310274	2296-100-221	310283	2296-101-221	310245	277-10-221
703L	2.1	310078		310255	310264	310275	2296-100-321	310284	2296-101-321	310246	
1703	2.1	310086	310295	310256	310265	310276		310285		310247	
1703L	2.1	310087	310296	310257		310277	2296-100-421	310286	2296-101-421	310248	






Surgical Length Non-Sterile Burs

(SOLD IN 10 PACKS)






Surgical Bur (SL) Shank Length - Round

	SIZE	HEAD DIA.	SLRA	SLFG
	1	1.0		350000
	2	1.2	350023	350001
	4	1.4	350024	350002
	6	1.8	350025	350003
	8	2.3	350026	350004




Surgical Bur (SL) Shank Length - Cross Cut

	SIZE	HEAD DIA.	SLRA	SLFG
	701	1.2		350010
	702	1.6	350030	350011
	703	2.1	350031	350012
	1702	1.6	350032	350013
	1703	2.1	350033	350014

Surgical Bur (SL) Shank Length - Cross Cut

	SIZE	HEAD DIA.	SLRA	SLFG
	557	1.0	350027	350005
	558	1.2	350028	350006
	1557	1.0	350029	350007
	1558	1.2		350008
	700	1.0		350009

Zekrya Bur

	SIZE	LENGTH	SLFG	
	151-Z	23mm	350169	10 Pack
	330322		330322	30 Pack
	151L-Z	28mm	350170	10 Pack
			330323	30 Pack

Hall® is a registered trademark of Zimmer, Inc. • Stryker® is a registered trademark of Stryker Corporation • MicroAire® is a registered trademark of MicroAire Surgical Instruments, Inc.

Third Molar Extractions

Reduced Clogging

SS White's unique blade geometry allows for more effective bone and tooth removal discharge creating a more efficient instrument

More Efficient Cutting

Faster cutting by design, SS White® Oral Surgery Burs save time for all surgical procedures

Reduced Bur Breakage

Internal testing shows that SS White® burs consistently outperform all competitive burs in neck strength, significantly reducing bur breakage

Packaged Sterile

For your convenience and safety, SS White® Oral Surgery burs shank #1-6* come in a single sterile package

Surgical Bur (SL) Shank Length

Friction Grip Surgical Length



Right Angle Surgical Length



Oral Surgery Bur Shank Length #1-6

Shank #1 – 44.5mm

Fits Hall® & Most Standard Hand Pieces for Medium Bur Guard



Shank #2 – 51mm

Fits Hall® & MicroAire® Hand Pieces with Medium Bur Guard



Shank #3 – 65mm

Fits Hall® & MicroAire® Hand Pieces with Long Bur Guard



Shank #4 – 44.5mm

Fits Stryker® 100K & Impaction Handpiece



Shank #5 – 59mm

Fits Stryker® 100K & Impaction Handpiece



Shank #6 – 44.5mm

Fits Stryker® 50K & Osteotome Drill J-Notch

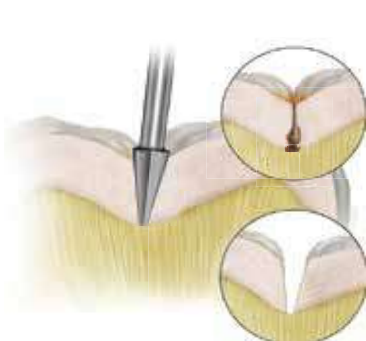


Save 33 Hours of Chair Time Per Year with Early Diagnosis of Hidden Caries

The Fissurotomy® Bur patented design allows for the conservative exploration of fissures. Fissurotomy Burs can add up to 12 years of life to the restoration and are often completed without the use of anesthesia. You can now explore and restore in as little as 3-5 minutes!

FISSUROTOMY®
CONSERVATIVE PREPARATION & EXPLORATION BURS

10 PACKS AND BULK ROLLS OF 25



ORIGINAL



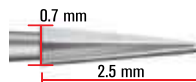
Fissurotomy® Original
ITEM#
FG (5 PK) 310215
FGSS (5 PK) 310216
BULK SS (50 PK) 300062
Head Length (mm) 2.5
Max Head Diameter (mm) 1.1



NARROW TAPER
FISSURE



Fissurotomy® NTF
ITEM#
FG (5 PK) 310218
FGSS (5 PK) 310220
Head Length (mm) 2.5
Max Head Diameter (mm) 0.7



SHALLOW TAPER
FISSURE



Fissurotomy® STF
ITEM#
FG (5 PK) 310217
FGSS (5 PK) 310219
Head Length (mm) 1.5
Max Head Diameter (mm) 0.8



Diagnostic & Finishing Bur Kit



All-In-One Kit

Designed for the efficient diagnosis of suspect fissures and the finishing of the cavity preparation.

Kit Reorder No. 18007

Kit Contents:

3-Original Fissurotomy® Burs
3-Fissurotomy® Micro NTF Burs
3-Fissurotomy® Micro STF Burs
1-Finishing Bur® #7901
1-Finishing Bur® #7406
1-Autoclavable Bur Block

The Fissurotomy Bur:

- Tip of bur is smaller and more conservative than 1/4 round.
- Fine carbide tip will not strip quickly like thin diamonds.
- Virtually pain free to the DEJ and in most cases no anesthesia is needed.
- Ideal cavity preparation form for a flowable composite.
- Cleaner, more controlled and less costly than air abrasion.

CRA Product Review:

- 100% of CRA Evaluators rated Fissurotomy® Bur excellent or good and worthy of trial by colleagues¹
- Bur design produces very conservative occlusal preps¹
- Anesthetic often not required¹

Source: 1. CRA Newsletter, Volume 25, Issue 7, July 2001

Fissurotomy Instruments are essential when removing decay in deep lesions because they preserve the healthy dentin. This reduces post-operative sensitivity and avoids unnecessary root canal procedures."

- Howard S. Glazer, DDS

Create Faster, More Beautiful, Polishes with Jazz® Polishers

Eliminate Up To 3 Steps When Finishing and Polishing Composite Restorations:

- 10-blade Safe End or 12-blade finishing burs: Efficiently trim and contour composites
- 20-blade Safe End or 20-blade finishing burs: Place anatomical features, reduce high points and pre-polish
- Jazz® Supreme One-Step Polishers: Eliminate 3 step polisher system and still get beautiful, high shine

For Porcelain, Metal and CAD/CAM Restorations



Silicon carbide particles embedded in a specially formulated silicone matrix to achieve a high gloss finish. 2-step system smoothes and polishes quickly. Compatible with all porcelain CAD/CAM and metal restorations which eliminates the need for multiple polishing systems. Single-patient-use system saves sterilization cost and time. Shanks are made of high performance polymer.

20 PK - RA Latch Type



Diamonds impregnated to achieve brilliant results on porcelain, metal restorations and CAD/CAM restorations. A specially formulated rubber matrix allows for an excellent polish with minimal pressure. Compatible with all porcelain, metal, and CAD/CAM restorations which eliminates the need for multiple polishing systems. Re-usable for multi-patient use. Shanks are made of stainless steel.

3 PK - RA Latch Type

Jazz® P3S Polishers contain a synthetic rubber, diamond grain in various sizes and pigments (mainly Titanium Dioxide).

Jazz® P2S Polishers contain a silicone matrix infused with silicon carbide particles in various sizes and pigments (mainly Titanium Dioxide).



Medium Flame
Item #89017



Medium Cup
Item #89018



Fine Flame
Item #89019



Fine Cup
Item #89020



Coarse Flame
Item #89004



Coarse Cup
Item #89005



Coarse Knife Edge
Item #89006



Coarse Small Flame
Item #89007

1. Use the coarse grit polisher for reducing and trimming



Medium Flame
Item #89008



Medium Cup
Item #89009



Medium Knife Edge
Item #89010



Medium Small Flame
Item #89011

2. Follow with the medium grit polisher for smoothing



Fine Flame
Item #89012



Fine Cup
Item #89013



Fine Knife Edge
Item #89014



Fine Small Flame
Item #89015

3. Finish with the fine grit polisher to achieve a high luster



For Composites

When only the highest shine will do:



Flame
Item #89031



Cup
Item #89033



Knife Edge
Item #89032



Small Flame
Item #89034

Breakthrough technology produces the highest shine possible.

Single-step system saves time.

Compatible with all direct esthetic materials which eliminates the need for multiple polishing systems.

Re-usable for multiple-patient-use.

Shanks are made of stainless steel and are surfaced-refined with gold flashing.

3 PK - RA Latch Type



Medium Flame
Item #89022



Medium Cup
Item #89024



Medium Knife Edge
Item #89023



Medium Small Flame
Item #89025

Diamond impregnated to achieve a high luster on all direct esthetic materials.

Compatible with all direct esthetic materials which eliminates the need for multiple polishing systems.

Re-usable for multiple-patient-use.

Shanks are made of stainless steel.

3 PK - RA Latch Type



Fine Flame
Item #89026



Fine Cup
Item #89028



Fine Knife Edge
Item #89027



Fine Small Flame
Item #89029

For Zirconia

When you need one polishing system for Zirconia:



A specially formulated polisher for full contour zirconia restorations.

High diamond grit for more efficiency and durability.

Achieve a high gloss and eliminate the need for glazing.

3 PK

1. Use the medium grit polisher for reducing and smoothing



Medium Flame FG
Item #89110



Medium Small Flame RA
Item #89111



Medium Flame RA
Item #89112



Medium Cup RA
Item #89113



Medium Knife Edge RA
Item #89114

2. Finish with the fine grit polisher to achieve a high luster



Fine Flame FG
Item #89115



Fine Small Flame RA
Item #89116



Fine Flame RA
Item #89117



Fine Cup RA
Item #89118



Fine Knife Edge RA
Item #89119

For Polishing

When you need one polishing system for all CAD/CAM, porcelain, metal and composite materials:



Impregnated brushes for polishing CAD/CAM, porcelain, composites and metals.

Produces glossy surfaces after minimal processing time.

Low heat generation with minimal polishing paste required.

3 PK - RA Latch Type

Diamond Impregnated



Brush Polisher PMC2S
Medium Large Cup/Brush
Item #89120



Brush Polisher PMC2S
Medium Small Cup/Brush
Item #89121



Brush Polisher PMC2S
Medium Flame/Brush
Item #89122

Silicon Carbide Impregnated



Brush Polisher PMC2S
Fine Large Cup/Brush
Item #89123



Brush Polisher PMC2S
Fine Small Cup / Brush
Item #89124



Brush Polisher PMC2S
Fine Flame / Brush
Item #89125



Interproximal Diamond Finishing Strips

Perforated finishing strips



Flexible silicon carbide coated metal strips for manual surface adjustments.

Perforation removes the cut material cleanly.

Strips are specially designed for easier interproximal application.

● Coarse ● Medium ● Fine



Jazz Pro Finishing Strip PMCE3S Coarse - Item #89127 - 3PK

Dimensions (mm): 4 x 150



Jazz Pro Finishing Strip PMCE3S Coarse - Item #89130 - 3PK

Dimensions (mm): 2.5 x 150



Jazz Pro Finishing Strip PMCE3S Medium - Item #89128 - 3PK

Dimensions (mm): 4 x 150



Jazz Pro Finishing Strip PMCE3S Medium - Item #89131 - 3PK

Dimensions (mm): 2.5 x 150



Jazz Pro Finishing Strip PMCE3S Fine - Item #89129 - 3PK

Dimensions (mm): 4 x 150



Jazz Pro Finishing Strip PMCE3S Fine - Item #89132 - 3PK

Dimensions (mm): 2.5 x 150

For Denture and Ortho Acrylics

3 Steps to adjust, smooth and polish dentures and acrylics:



Chairside denture adjustments and polishing.

Silicon carbide abrasive polishers with various grits for different areas of application.

Achieve brilliant results for smoothing, pre-polishing and polishing.



Jazz Denture A3S
Coarse Large Flame
Item #89165
6 PK HP Shank



Jazz Denture A3S
Medium Large Flame
Item #89166
6 PK HP Shank



Jazz Denture A3S
Fine Large Flame
Item #89167
6 PK HP Shank

Kits and Assortment Packs



4 Pc. Kit in Autoclavable Bur Block
Item #89035

Kit Includes (1 of each):

- #89031 Universal Flame
- #89032 Universal Knife Edge
- #89033 Universal Cup
- #89034 Universal Small Flame



8 Pc. Kit in Autoclavable Bur Block
Item #89030

Kit Includes (1 of each):

- #89022 Medium Flame
- #89023 Medium Knife Edge
- #89024 Medium Cup
- #89025 Medium Small Flame
- #89026 Fine Flame
- #89027 Fine Knife Edge
- #89028 Fine Cup
- #89029 Fine Small Cup



12 Pc. Kit in Autoclavable Bur Block
Item #89016

Kit Includes (1 of each):

- #89004 Coarse Flame
- #89005 Coarse Cup
- #89006 Coarse Knife Edge
- #89007 Coarse Small Flame
- #89008 Medium Flame
- #89009 Medium Cup
- #89010 Medium Knife Edge
- #89011 Medium Small Flame
- #89012 Fine Flame
- #89013 Fine Cup
- #89014 Fine Knife Edge
- #89015 Fine Small Edge



Complete Composite Finishing & Polishing Kit
Item #18220

Kit Includes (1 of each):

Safe End Series

- SE3-10
- SE3-20
- SE6-10
- SE6-20
- SE9-10
- SE9-20

Trimming and Finishing

- FG 7379
- FG 8379
- FG 7274
- FG 8274

Jazz® Polishers

Jazz® Supreme Cup

Jazz® Supreme Large Flame



JAZZ[®] POLISHERS

INSTRUCTIONS FOR USE

Use your SS White Jazz Instrument with your latch slow-speed handpiece at the recommended RPM below.



1-step diamond polishing system for smoothing and polishing dental composites to the ultimate shine.

Indications: Ultimate single-step polishing of all composite restorations.

Directions for use: Trim and smooth restoration with diamond or carbide finishing bur to maximum smoothness.

- 1) Polish with Jazz Supreme beginning with firm pressure and higher speed. Maximum rpm: 15,000. Wipe restoration with cotton. Continue polishing with reduced pressure and speed with light touch to create desired shine.
- 2) For best results, polish wet.

Composition: All Supreme polishers contain a synthetic rubber matrix infused with diamond particles in various sizes and pigments (mainly Titanium Dioxide). The shanks are made of stainless steel and are surface refined with gold flashing.



2-step diamond polishing system for smoothing and polishing dental composites to a high-luster.

Indications: High-luster polishing of all composite restorations.

Directions for use:

- 1) Reduce and smooth with medium grit (pink) polisher.
- 2) Finish to high-luster with fine grit (white) polisher.

IMPORTANT: Clean restoration surface with gauze between polishing steps to remove polish residues. Polish wet at 8,000 rpm. Maximum rpm: 15,000.

Composition: All C2S polishers contain a synthetic rubber matrix infused with diamond particles in various sizes and pigments (mainly Titanium Dioxide). The shanks are made of stainless steel.



1-step diamond polishing system for smoothing and polishing dental composites to a high-gloss.

Indications: High-gloss single-step polishing of all composite restorations.

Directions for use:

- 1) Polish finished restoration until desired shine is achieved. Polish wet at 8,000 rpm. Maximum rpm: 15,000.

Disposable tool NOT for Reuse.

Composition: All C1S polishers contain a synthetic rubber matrix infused with diamond particles in various sizes and pigments (mainly Titanium Dioxide). The shanks are made of high performance polymer.



3-step polishing system for smoothing and polishing dental porcelain and metals to a high-luster.

Indications: High-luster polishing of all porcelain & metal restorations.

Directions for use:

- 1) Reduce and trim with coarse grit (green) polisher.
- 2) Smooth with medium grit (pink) polisher.
- 3) Finish to high-luster with fine grit (white) polisher. Polish wet or dry at 8,000 rpm. Maximum rpm: 15,000.

Composition: All P3S polishers contain synthetic rubber, diamond grain in various sizes and pigments (mainly Titanium Dioxide). The shanks are made of stainless steel.



2-step polishing system for smoothing and polishing dental porcelain and metals to a high-gloss.

Indications: High-gloss polishing of all porcelain & metal restorations.

Directions for use:

- 1) Reduce and smooth with medium grit (pink) polisher.
- 2) Finish to final gloss with fine grit (yellow) polisher. Polish wet or dry at 8,000 rpm. Maximum rpm: 15,000.

Disposable tool NOT for Reuse.

Composition: All P2S polishers contain a silicone matrix infused with silicon carbide particles in various sizes and pigments (mainly Titanium Dioxide). The shanks are made of high quality polymer.

Warnings: The product should not be used if a patient is known to be allergic to any of the ingredients of the polishing instruments. Avoid inhaling grinding dust. Do not exceed maximum rotary speed.

Storage: Storage temperature 2-28°C/36-82°F. Do not expose to direct sunlight. Keep out of the reach of children! For use in dentistry only!

Cleaning Instructions:

- 1) Clean burs of visible debris. Automatic washing is preferable.
- 2) Autoclave on a short cycle at a temperature of less than 130°C.

Over 35% of All Crowns Placed Have Zirconia Copings

Gain Access or Remove a Crown in less than 1 minute with Great White® Z. The proprietary bonding process with fine grit synthetic diamond particles creates more consistent particle coverage, durability and cutting efficiency, enabling faster completion of more efficient procedures, providing significant material cost savings, chair time savings and patient satisfaction.



Images
Not Shown
to Scale

ROUND END TAPER



GWZ 856-018
ITEM# 350171
10 PK
FG STERILE 10900
Head Length (mm) 8.0
Max Head Diameter (mm) 1.8
LOA - Overall Length (mm) 22.0

ROUND



GWZ 801-014
ITEM# 350172
10 PK
Head Length (mm) 1.3
Max Head Diameter (mm) 1.4
LOA - Overall Length (mm) 19.0

FOOTBALL



GWZ 801-018
ITEM# 350173
10 PK
FG STERILE 10902
Head Length (mm) 1.7
Max Head Diameter (mm) 1.8
LOA - Overall Length (mm) 19.0



GWZ 379-023
ITEM# 350174
10 PK
FG STERILE 10901
Head Length (mm) 4.2
Max Head Diameter (mm) 2.3
LOA - Overall Length (mm) 19.0



Great White® Z Introductory Kit

All-In-One Kit

Designed for the efficient atraumatic removal of failed zirconia and PFM Crowns.

Kit Reorder No. 18160

Kit Contents:

Great White® Z #GWZ 856-018
Great White® Z #GWZ 801-014
Great White® Z #GWZ 801-018
Great White® Z #GWZ 379-023

Great White® Z Cuts Zirconia Much More Efficiently
Great White® Z Diamonds are manufactured with fine diamond particles and a proprietary diamond bonding technique which has been shown to reduce micro-fractures, vibrations and have increased patient satisfaction.

"I highly recommend Great White® Z Diamonds, they will cut significant time from zirconia crown removal procedures while reducing stress, usually with just one diamond."

- Howard Strassler, DDS

INTERNATIONAL DIAMOND LINE

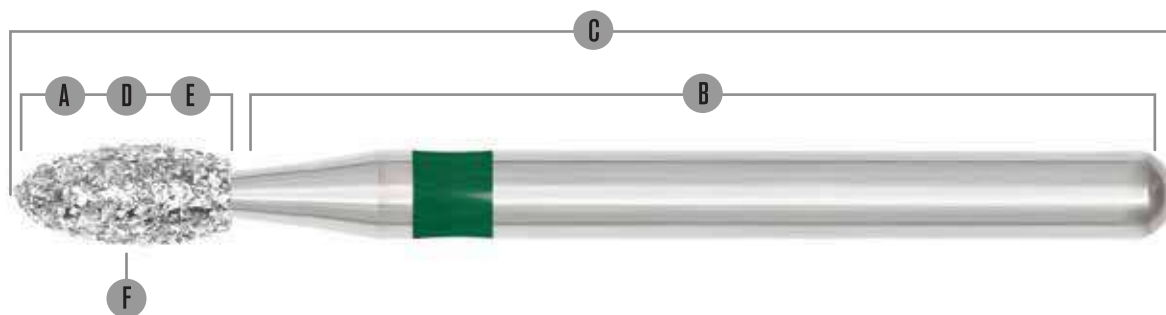


SS WHITE Dental®

sswhitedental.com

Better Patient Outcomes
Improved Efficiency
Faster Practice Growth

Guide to ISO 6360 numbering system for diamond instruments in this catalog



806	314		277	534	023
A Material of Working Part	B Shank Type	C Overall Length	D Shape	E Grit	F Nominal Size (ISO 2157) Largest head diameter in 1/10 mm
Example: 80 = Diamond 6 = Plated Metal Binding	Example: 31 = FG	Example: 4 = Standard	Example: 277 = Football	Example: 534 = Coarse	Example: 023 = 2.3 mm
Other Examples:	20 = CA or RA	2 = Miniature 3 = Short 5 = Long 6 = Extra Long	001 = Miniature 010 = Inverted Cone 108 = Cylinder 170 = Cone	544 = Super Coarse 524 = Medium 514 = Fine 504 = Very Fine 494 = Ultra Fine	008 = 0.8 mm 010 = 1.0 mm 014 = 1.4 mm 035 = 3.5 mm

ISO 6360 shank type for International Diamond Line in this catalog

312 FG Shorter than Short	16 mm Ø 1.60 mm	204 RA Standard Right Angle	from 22 to 27 mm Ø 2.35 mm
313 FG Short	from 16 to 20 mm Ø 1.60 mm	104 HP	44.5 mm Ø 2.35 mm
314 FG Standard	from 19 to 24 mm Ø 1.60 mm		

Grit sizes for diamond instruments (ISO 7711/3)

GRIT SIZE DESIGNATION	COLOR CODE	COMPARATION SYSTEM		SS WHITE REFERENCES	
		Grit Size System Micron (µm)	Grit Size System Micron (µm)	Micron (µm)	Mesh
Super Coarse	Black Band ●	149 ÷ 177 177 ÷ 210 210 ÷ 250	80 ÷ 100 70 ÷ 80 60 ÷ 70	149 ÷ 177	80 ÷ 100
Coarse	Green Band ●	105 ÷ 125 125 ÷ 149 149 ÷ 177	120 ÷ 140 100 ÷ 120 80 ÷ 100	105 ÷ 125 125 ÷ 120	120 ÷ 140 100 ÷ 120
Medium	Blue Band ●	62 ÷ 74 74 ÷ 88 88 ÷ 105 105 ÷ 125	200 ÷ 230 170 ÷ 200 140 ÷ 170 120 ÷ 140	62 ÷ 74 88 ÷ 105 105 ÷ 125	200 ÷ 230 140 ÷ 170 120 ÷ 140
Fine	Red Band ●	37 ÷ 44 44 ÷ 53 53 ÷ 62 62 ÷ 74	325 ÷ 400 270 ÷ 325 230 ÷ 270 200 ÷ 230	38 ÷ 45	325 ÷ 400
Very-Fine	Yellow Band ●	28 ÷ 46	400 ÷ 500	30 ÷ 38	400 ÷ 500
Super-Fine	White Band ○	8 ÷ 28		8 ÷ 12	8 ÷ 12

Method of use

SIZE (ø 1/10mm)	SPEED MAX. (r.p.m.) FG	SUGGESTED SPEED (r.p.m.) with spray cooling minimum 50 ml/min.		DIAMOND GRIT	COLOR CODE	WORKING PRESSURE (g)
008-018	360,000	Cavity Preparation	300,000	Super Coarse	●	40-300
018-023	300,000	Crown Preparation	140,000	Coarse	●	40-300
023-027	180,000	Crown Finishing Preparation	60,000	Medium	●	40-300
027-031	140,000	Composite/Cavity Finishing	15,000	Fine	●	20-100
031-040	100,000			Very-Fine	●	10-50
040-050	80,000			Ultra-Fine	○	10-50

Diamond Instruments

Shank Material	Working Part
Stainless Steel	Natural Diamond

Sterilization Process

Autoclave	Chemical Clave C ₂ H ₄ O	HOT AIR STERILIZATION
3 bar 135°C	130°C	180°C

SS White International Diamond Line

Premium quality multi-use diamond instruments.

Welcome to our catalog of quality rotary diamond cutting instruments. SS White is proud to offer this distinctive product line to the dental profession. To assist you in making your selections we encourage you to use the ISO numbering system guide and the illustrated index to diamonds by shape and size. We hope that you will also find the product features, color-coded guides and technique tips to be useful resources of information.

DIAMOND INSTRUMENTS

FG / RA SOLD IN PACKS OF 5 (5PK) AND 25 (25PK)
HP SOLD IN PACKS OF 1 (1PK)



ISO 257

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 257 544					FG368SC023
5 PK ● 806 314 257 534	FGC0368016	FGC0368020	FGC0368021	FGC0368023	
5 PK ● 806 314 257 524	FG368016	FG368018	FG368021	FG368023	
5 PK ● 806 314 257 514	FG368F016		FG368F021	FG368F023	
5 PK ● 806 314 257 504	FG368C016			FG368C023	



368-016

3



368-018

4.5



368-020

4.5



368-021

4.5



368-023

5

SPECIALITY
SHAPES



ISO 507

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 507 524

369A-023

6

SPECIALITY
SHAPES



ISO 260

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 260 504

378-018

3.4



ISO 277

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 277 544		FG379SC023
5 PK ● 806 314 277 534	FGC0379018	FGC0379023
5 PK ● 806 314 277 524	FG379018	FG379023
5 PK ● 806 314 277 514	FG379F018	FG379F023
5 PK ● 806 314 277 504	FG379C018	FG379C023



379-018

3



379-023

4.5



ISO 274

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 274 514

390-014

3.5

FG390F014

FG390C014



ISO 465

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 465 504

392-016

5

FG392C016

SPECIALTY
SHAPES**ISO 015**

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 015 524 F6432016

432-016
2.1SPECIALTY
SHAPES**ISO 195**

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 195 524 F6467005

467-005
3SPECIALTY
SHAPES1/10 mm
L mm

314 FG Standard

5 PK ● 806 314 534
5 PK ● 806 314 524
5 PK ● 806 314 514508-016
3508-018
3F6C0508016
F6508016
F6508F016SPECIALTY
SHAPES**ISO 162**

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 162 524 F6800L010

800L-010
2

ROUND

**ISO 001**

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 001 544
5 PK ● 806 314 001 534
5 PK ● 806 314 001 524
5 PK ● 806 314 001 514
5 PK ● 806 314 001 504
5 PK ○ 806 314 001 494

801-008 .08	801-009 .09	801-010 1.0	801-012 1.2	801-013 1.3	801-014 1.4	801-015 1.5	801-016 1.6	801-018 1.8	801-021 2.1	801-023 2.3	801-027 2.7	801-035 3.5
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			F6C0801012		F6C0801014		F6C0801016	F6C0801018	F6C0801021	F6801SC023	
			F6801012	F6801013	F6801014	F6801015	F6801016	F6801018	F6801021	F6801023	F6801035
				F6801F013	F6801F014	F6801F015	F6801F016	F6801F018	F6801F021	F6801F023	
					F6801C014			F6801C018		F6801C023	F6801C035
					F6801CS014			F6801CS018		F6801CS023	

313 FG Short

5 PK ● 806 313 001 524

F6801S014

ROUND

**ISO 001**

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 001 534
5 PK ● 806 314 001 524

801L-014 1.4	801L-016 1.6	801L-018 1.8	801L-021 2.1
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F6C0801L014	F6C0801L016	F6C0801L018	F6C0801L021
F6801L014	F6801L016	F6801L018	F6801L021

ROUND

**ISO 002**

1/10 mm

314 FG Standard

5 PK ● 806 314 002 534
5 PK ● 806 314 002 524

802-009	802-010	802-012	802-014	802-016	802-018
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			F6C0802014		
F6802009	F6802010	F6802012	F6802014	F6802016	F6802018


INVERTED
CONE

ISO 010

1/10 mm

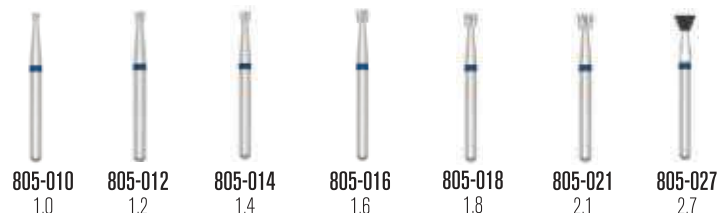
L mm

314 FG Standard

5 PK	●	806 314 010 534	F6C0805010	F6C0805012	F6C0805014	F6C0805016	F6C0805018
5 PK	●	806 314 010 524	F6805-0010	F6805012	F6805014	F6805016	F6805018
5 PK	●	806 314 010 514			F6805F014		F6805021

313 FG Short

5 PK	●	806 313 010 524	F6805S010
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INVERTED
CONE LONG

ISO 019

1/10 mm

314 FG Standard

5 PK	●	806 314 019 534	F6C0806010	F6C0806012	F6C0806014	F6C0806016
5 PK	●	806 314 019 524	F6806010	F6806012	F6806014	F6806016


INVERTED
CONE LONG

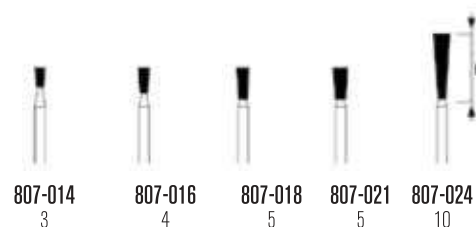
ISO 225

1/10 mm

L mm

314 FG Standard

5 PK	●	806 314 225 534	F6C0807014	F6C0807016
5 PK	●	806 314 225 524	F6807014	F6807016
			F6807018	F6807024



BARREL

ISO 038

1/10 mm

L mm

314 FG Standard

5 PK	●	806 314 038 544	F6811SC031	F6811SC033	F6811SC037
5 PK	●	806 314 038 534	F6C0811031	F6C0811033	F6C0811037
5 PK	●	806 314 038 524	F6811031		F6811047
5 PK	●	806 314 038 514	F6811F031		


DOUBLE INVERTED
CONE

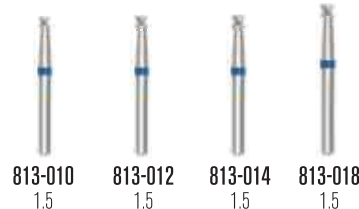
ISO 032

1/10 mm

L mm

314 FG Standard

5 PK	●	806 314 032 524	F6813010	F6813012	F6813014	F6813018
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313 FG Short

5 PK	●	806 313 032 524	F6813S014
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WHEEL

ISO 042

1/10 mm

314 FG Standard

5 PK ● 806 314 042 524 F6815012 F6815016 F6815018



815-012



815-016



815-018



WHEEL

ISO 041

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 041 534 F6C0818045
5 PK ● 806 314 041 524 F6818045

818-045
0.5818-060
0.5

WHEEL

ISO 042

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 042 534 F6C0819035
5 PK ● 806 314 042 524 F6819035

819-035
0.9

WHEEL

ISO 042

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 042 534 F6C0820042
5 PK ● 806 314 042 524 F6820042 F6820050

820-042
1.5820-050
2

MUSHROOM

ISO 304

1/10 mm

314 FG Standard

5 PK ● 806 314 304 524 F6825016 F6825023 F6825042



825-016



825-023



825-042

DEPTH CUTTER

ISO 054

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 054 524 F6828022 F6828026

828-022
1828-026
1

PEAR

ISO 237

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 237 534 F6C0830008 F6C0830010 F6C0830012
5 PK ● 806 314 237 524 F6830008 F6830010 F6830012 F6830016
5 PK ● 806 314 237 514 F6830F010 F6830F016

830-008
2.5830-010
3830-012
3830-016
3

313 FG Short

5 PK ● 806 313 237 524 F6830S008



PEAR LONG

ISO 239

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 239 524 F6830L014 F6830L021
5 PK ● 806 314 239 514 F6830LF014

830L-014
5830L-016
5830L-021
5



ISO 552

1/10 mm

L mm

T mm

314 FG Standard

5 PK ● 806 314 552 524



834-016

6

0.3



834-021

6

0.5

F6834016

F6834021

FLAT END CYLINDER



ISO 108

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 108 534

5 PK ● 806 314 108 524

5 PK ● 806 314 108 514



835-008

3



835-009

3



835-010

4



835-012

4



835-014

4



835-016

4

F6C0835008

F6C0835009

F6C0835010

F6C0835012

F6C0835014

F6835008

F6835009

F6835010

F6835012

F6835014

F6835016

F6835F010

F6835F014

313 FG Short

5 PK ● 806 313 108 524

F6835S009

F6835S010

F6835S012

F6835S014

FLAT END CYLINDER



ISO 110

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 110 534

5 PK ● 806 314 110 524

5 PK ● 806 314 110 514



836-012

6



836-014

6

F6C0836012

F6C0836014

F6836012

F6836014

F6836F012

FLAT END CYLINDER



ISO 111

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 111 544

5 PK ● 806 314 111 534

5 PK ● 806 314 111 524

5 PK ● 806 314 111 514



837-012

8



837-014

8



837-016

8



837-018

8



837-021

8



837-027

8

F6837SC014

F6C0837012

F6C0837014

F6C0837016

F6C0837018

F6837012

F6837014

F6837016

F6837018

F6837F014

313 FG Short

5 PK ● 806 313 111 524

F6837S014


ROUND END
CYLINDER

ISO 139

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 139 544	F6838SC010	F6838SC012	
5 PK	● 806 314 139 534	F6C0838010	F6C0838012	F6C0838014
5 PK	● 806 314 139 524	F6838010	F6838012	F6838014
5 PK	● 806 314 139 514		F6838F012	


838-010
4

838-012
4

838-014
4

MODIFIED
BEVELED
CYLINDER

ISO 289

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 289 534	F6C0839016	
5 PK	● 806 314 289 524	F6839016	


839-016
8

FLAT END
TAPER

ISO 171

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 171 524	F6844012	F6844014	
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844-012
6

844-014
6

FLAT END
TAPER

ISO 170

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 170 534		F6C0845010	F6C0845012	F6C0845014
5 PK	● 806 314 170 524	F6845009	F6845010	F6845012	F6845014
5 PK	● 806 314 170 514			F6845F012	


845-009
4

845-010
4

845-012
4

845-014
4

845-016
4

MODIFIED
FLAT END
TAPER

ISO 544

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 544 534	F6C0845KR016	F6C0845KR018	F6C0845KR025
5 PK	● 806 314 544 524		F6845KR018	F6845KR025


845KR-016
4

845KR-018
4

845KR-025
4

FLAT END
TAPER

ISO 171

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 171 534	F6C0846014	F6C0846016	F6C0846018	F6C0846021
5 PK	● 806 314 171 524	F6846014	F6846016	F6846018	F6846021
5 PK	● 806 314 171 514	F6846F014	F6846F016		


846-014
6

846-016
6

846-018
6

846-021
6

313 FG Short

5 PK	● 806 313 544 534	F6C0845KRS018	
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MODIFIED
FLAT END
TAPER

ISO 545

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 545 534	FGC0846KR014	FGC0846KR016	
5 PK ● 806 314 545 524	FG846KR014	FG846KR016	FG846KR018

846KR-014
6846KR-016
6846KR-018
6FLAT END
TAPER

ISO 172

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 172 544		FG847SC014	FG847SC016	FG847SC018	
5 PK ● 806 314 172 534	FGC0847012	FGC0847014	FGC0847016	FGC0847018	FGC0847020
5 PK ● 806 314 172 524	FG847012	FG847014	FG847016	FG847018	FG847021
5 PK ● 806 314 172 514		FG847F014	FG847F016	FG847F018	

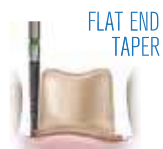
847-012
8847-014
8847-016
8847-018
8847-020
8847-021
8

313 FG Short

5 PK ● 806 313 172 534	FGC0847S014
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312 FG Shorter than Short

5 PK ● 806 312 172 544	FG847SC014SS	FG847SC016SS
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FLAT END
TAPER

ISO 172

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 172 534	FGC0847L014	FGC0847L016
5 PK ● 806 314 172 524	FG847L014	FG847L016
5 PK ● 806 314 172 514	FG847LF014	

847L-014
9847L-016
9MODIFIED
FLAT END
TAPER

ISO 546

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 546 544	FG847KRSC016	FG847KRSC018
5 PK ● 806 314 546 534		FGC0847KR018
5 PK ● 806 314 546 524	FG847KR016	FG847KR018
5 PK ● 806 314 546 514	FG847KRF016	FG847KRF018

847KR-016
8847KR-018
8

313 FG Short

5 PK ● 806 313 546 544	FG847KRSCS016
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312 FG Shorter than Short

5 PK ● 806 312 546 544	FG847KRSC016SS
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**ISO 173**

1/10 mm

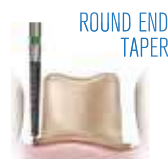
L mm

314 FG Standard

5 PK ● 806 314 173 544	F6848SC016	F6848SC018	
5 PK ● 806 314 173 534	F6C0848016	F6C0848018	F6C0848021
5 PK ● 806 314 173 524	F6848016	F6848018	F6848021
5 PK ● 806 314 173 514	F6848F016	F6848F018	
5 PK ● 806 314 173 504		F6848C018	
5 PK ○ 806 314 173 494		F6848CS018	

313 FG Short

5 PK ● 806 313 173 534	F6848S018
5 PK ● 806 313 173 524	F6848S016

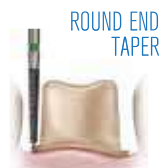
**ISO 195**

1/10 mm

L mm

314 FG Standard

5 PK	●	806	314	195	534		F6C0849012
5 PK	●	806	314	195	524		F6849012
5 PK	●	806	314	195	514	F6849F011	F6849F012
5 PK	●	806	314	195	504	F6849C011	

**ISO 199**

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 199 544	F6850SC012	F6850SC014	F6850SC016	F6850SC018	
5 PK ● 806 314 199 534	F6C0850012	F6C0850014	F6C0850016	F6C0850018	F6C0850021
5 PK ● 806 314 199 524	F6850012	F6850014	F6850016	F6850018	F6850021
5 PK ● 806 314 199 514	F6850F012	F6850F014	F6850F016	F6850F018	F6850F021

313 FG Short

5 PK ● 806 313 199 534	F6C0850S016		
5 PK ● 806 313 199 524	F6850S016	F6850S018	F6850S021

25 PK ● 806 313 199 524	F6850S021-25
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204 RA Standard

5 PK ● 806 204 199 514	CA850F018
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SAFE
END TAPER**ISO 219**

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 219 524	F6851010	F6851012	F6851014	F6851016
5 PK ● 806 314 219 514		F6851F012	F6851F014	F6851F016


CHRISTMAS
TREE

ISO 164

1/10 mm

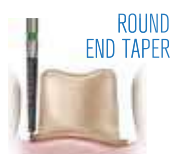
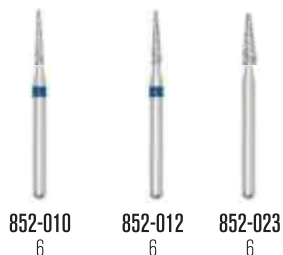
L mm

314 FG Standard

5 PK	●	806 314 164 534	FGC0852010	FGC0852012
5 PK	●	806 314 164 524	FG852010	FG852012
5 PK	●	806 314 164 514		FG852F012
5 PK	●	806 314 164 504		FG852C012
5 PK	○	806 314 164 494		FG852C8012

313 FG Short

5 PK	●	806 313 164 524		FG852S012
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ROUND
END TAPER

ISO 197

1/10 mm

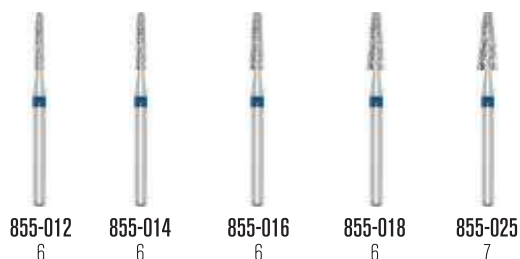
L mm

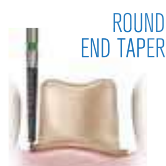
314 FG Standard

5 PK	●	806 314 197 544		FG855SC014	FG855SC016	FG855SC018	FG855SC025
5 PK	●	806 314 197 534		FGC0855014	FGC0855016	FGC0855018	FGC0855025
5 PK	●	806 314 197 524	FG855012	FG855014	FG855016	FG855018	FG855025
5 PK	●	806 314 197 514	FG855F012		FG855F016	FG855F018	

313 FG Short

5 PK	●	806 313 197 534		FGC0855S014			
5 PK	●	806 313 197 524			FG855S016		





ISO 198

1/10 mm

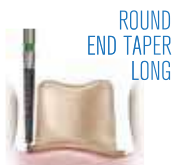
L mm

314 FG Standard

5 PK	● 806 314 198 544	F6856SC012	F6856SC014	F6856SC016	F6856SC018	F6856SC020	F6856SC021		F6856SC025
5 PK	● 806 314 198 534	F6C0856012	F6C0856014	F6C0856016	F6C0856018	F6C0856020	F6C0856021		F6C0856025
5 PK	● 806 314 198 524	F6856012	F6856014	F6856016	F6856018		F6856021		F6856025
5 PK	● 806 314 198 514	F6856F012	F6856F014	F6856F016	F6856F018		F6856F021	F6856F023	F6856F024

313 FG Short

5 PK	● 806 313 198 544	F6C0856S012	F6C0856S014	F6856SC016SS					
5 PK	● 806 313 198 534			F6C0856S016					
	● 806 313 198 524			F6856S016					



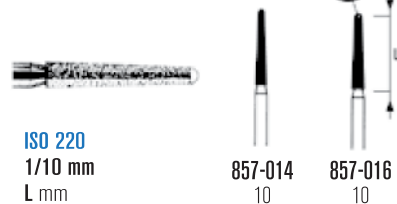
ISO 198

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 198 544	F6856LSC014	F6856LSC016	F6856LSC018
5 PK	● 806 314 198 534	F6C0856L014	F6C0856L016	F6C0856L018
5 PK	● 806 314 198 524	F6856L014	F6856L016	F6856L018
5 PK	● 806 314 198 514	F6856LF014	F6856LF016	F6856LF018

SAFE END TAPER-
BATT BUR

ISO 220

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 220 524	F6857014	F6857016
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NEEDLE



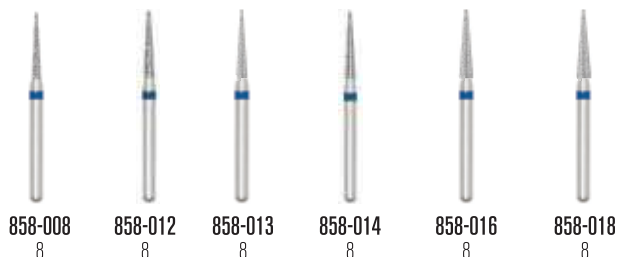
ISO 165

1/10 mm

L mm

314 FG Standard

5 PK	●	806	314	165	544					F6858SC014	
5 PK	●	806	314	165	534					F6C0858014	F6C0858016
5 PK	●	806	314	165	524	F6858008	F6858012	F6858013	F6858014	F6858016	F6858018
5 PK	●	806	314	165	514	F6858F008		F6858F013	F6858F014	F6858F016	
5 PK	●	806	314	165	504	F6858C008			F6858C014		



NEEDLE



ISO 167

1/10 mm

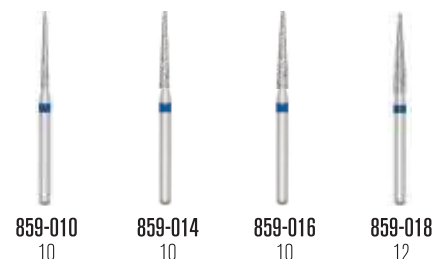
L mm

314 FG Standard

5 PK	●	806	314	167	534	F6C0859010	F6C0859014	F6C0859016	F6C0859018	
5 PK	●	806	314	167	524	F6859010	F6859014	F6859016	F6859018	
5 PK	●	806	314	167	514	F6859F010	F6859F014	F6859F016	F6859F018	
5 PK	●	806	314	167	504		F6859C014	F6859C016	F6859C018	
5 PK	○	806	314	167	494		F6859CS014	F6859CS016		

313 FG Short

5 PK	●	806	313	167	524	F6859S010	
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LONG
NEEDLE



ISO 222

1/10 mm

L mm

314 FG Standard

5 PK	●	806	314	222	524	F6859R016	
5 PK	●	806	314	222	514	F6859RF016	



859R-016

10



ISO 247

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 247 534	FGC0860010	FGC0860014	FGC0860016
5 PK ● 806 314 247 524	FG860010	FG860012	FG860016
5 PK ● 806 314 247 514		FG860F012	
5 PK ● 806 314 247 504		FG860C012	
5 PK ○ 806 314 247 494		FG860CS012	



ROUND
END CYLINDER

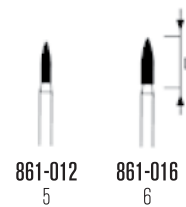
ISO 248

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 248 534	FGC0861016
5 PK ● 806 314 248 524	FG861012
	FG861016



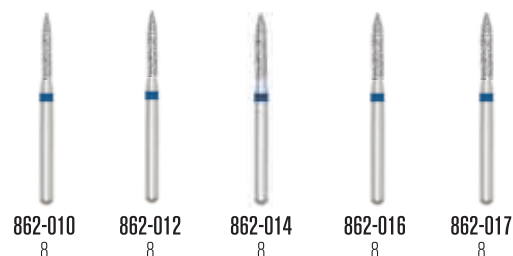
ISO 249

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 249 544		FG862SC012	FG862SC014	FG862SC016	
5 PK ● 806 314 249 534	FGC0862010	FGC0862012	FGC0862014	FGC0862016	
5 PK ● 806 314 249 524	FG862010	FG862012	FG862014	FG862016	FG862017
5 PK ● 806 314 249 514	FG862F010	FG862F012	FG862F014	FG862F016	FG862F017
5 PK ● 806 314 249 504	FG862C010	FG862C012	FG862C014		
5 PK ○ 806 314 249 494		FG862CS012	FG862CS014		



ISO 249

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 249 534	FGC0862L018
5 PK ● 806 314 249 524	FG862L018
5 PK ● 806 314 249 514	FG862LF018



313 FG Short

5 PK ● 806 313 249 544	FG862SCS012
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312 FG Shorter than Short

5 PK ● 806 312 249 544	FG862SC012SS
5 PK ● 806 312 249 534	FGC0862SS012

FLAT END CYLINDER



ISO 250

1/10 mm

L mm

314 FG Standard

5 PK	806	314	250	534	FGC0863012	FGC0863014	FGC0863016	FGC0863018
5 PK	806	314	250	524	FG863012	FG863014	FG863016	FG863018
5 PK	806	314	250	514	FG863F012	FG863F014	FG863F016	FG863F018

313 FG Short

5 PK	806	313	250	524	FG863S012	FG863S014	FG863S016
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POINTED FOOTBALL



ISO 243

1/10 mm

L mm

314 FG Standard

5 PK	806	314	243	534	FGC0868016	FGC0868018	FGC0868021	FGC0868024
5 PK	806	314	243	524	FG868016	FG868018	FG868021	FG868024
5 PK	806	314	243	514	FG868F016	FG868F018	FG868F022	FG868F023
5 PK	806	314	243	504	FG868C016	FG868C018	FG868C021	FG868C023
5 PK	806	314	243	494	FG868CS016	FG868CS018	FG868CS021	

CURETTAGE



ISO 296

1/10 mm

L mm

314 FG Standard

5 PK	806	314	296	524	FG876K012
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MODIFIED BEVELED CYLINDER



ISO 288

1/10 mm

L mm

314 FG Standard

5 PK	806	314	288	534	FGC0877010	FGC0877012
5 PK	806	314	288	524	FG877010	FG877012
5 PK	806	314	288	514	FG877F010	FG877F012

CURETTAGE



ISO 297

1/10 mm

L mm

314 FG Standard

5 PK	806	314	297	534			FGC0877K016
5 PK	806	314	297	524	FG877K012	FG877K014	FG877K016
5 PK	806	314	297	514		FG877KF014	FG877KF016

MODIFIED
BEVELED
CYLINDER

ISO 289

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 289 534	F6C0878012	F6C0878014	F6C0878016
5 PK	● 806 314 289 524	F6878012	F6878014	F6878016
5 PK	● 806 314 289 514	F6878F012	F6878F014	F6878F016

878-012
6878-014
6878-016
6

CURETTAGE

ISO 298

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 298 544		F6878KSC014	F6878KSC016	F6878KSC018
5 PK	● 806 314 298 534	F6C0878K012	F6C0878K014	F6C0878K016	F6C0878K018
5 PK	● 806 314 298 524	F6878K012	F6878K014	F6878K016	F6878K018
5 PK	● 806 314 298 514	F6878KF012	F6878KF014	F6878KF016	F6878KF018
					F6878KF021

878K-012
8878K-014
8878K-016
8878K-018
8878K-021
8MODIFIED
BEVELED
CYLINDER

ISO 290

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 290 534	F6C0879012	F6C0879014	F6C0879016
5 PK	● 806 314 290 524	F6879012	F6879014	F6879016
5 PK	● 806 314 290 514	F6879F012	F6879F014	F6879F016

879-012
10879-014
10879-016
10

CURETTAGE

ISO 299

1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 299 534	F6C0879K012	F6C0879K014	F6C0879K016		F6C0879K018	F6C0879K021
5 PK	● 806 314 299 524	F6879K012	F6879K014	F6879K016	F6879K017	F6879K018	F6879K021
5 PK	● 806 314 299 514	F6879KF012	F6879KF014	F6879KF016	F6879KF017	F6879KF018	F6879KF021

879K-012
10879K-014
10879K-016
10879K-017
10879K-018
10879K-021
10ROUND
END CYLINDER

ISO 140

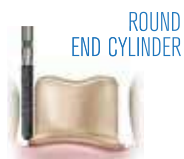
1/10 mm

L mm

314 FG Standard

5 PK	● 806 314 140 534	F6C0880010	F6C0880012	F6C0880014	F6C0880021
5 PK	● 806 314 140 524	F6880010	F6880012	F6880014	F6880021
5 PK	● 806 314 140 514	F6880F010	F6880F012	F6880F014	

880-010
6880-012
6880-014
6880-021
6


ROUND
END CYLINDER

ISO 141

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 141 544					F6881SC016	F6881SC018
5 PK ● 806 314 141 534	F6C0881009		F6C0881012	F6C0881014	F6C0881016	F6C0881018
5 PK ● 806 314 141 524		F6881010	F6881012	F6881014	F6881016	F6881018
5 PK ● 806 314 141 514		F6881F010	F6881F012	F6881F014	F6881F016	F6881F018
5 PK ● 806 314 141 504					F6881C016	

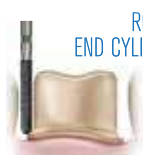

881-009
8

881-010
8

881-012
8

881-014
8

881-016
8

881-018
8

ROUND
END CYLINDER

ISO 142

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 142 534	F6C0882016
5 PK ● 806 314 142 524	F6882010


882-010
10

882-016
10

SPECIALTY
SHAPES

ISO 539

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 539 534		F6C0883010
5 PK ● 806 314 539 524	F6883007	F6883010
5 PK ● 806 314 539 514	F6883F007	


883-007
3

883-010
3

BEVELED
CYLINDER

ISO 129

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 129 534		F6C0884012
5 PK ● 806 314 129 524	F6884010	F6884012
5 PK ● 806 314 129 514		F6884F012


884-010
6

884-012
6

BEVELED
CYLINDER

ISO 130

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 130 544				F6885SC014
5 PK ● 806 314 130 534	F6C0885010	F6C0885012	F6C0885014	F6C0885016
5 PK ● 806 314 130 524	F6885010	F6885012	F6885014	F6885016
5 PK ● 806 314 130 514		F6885F012	F6885F014	F6885F016
5 PK ● 806 314 130 504		F6885C012		F6885C016


885-010
8

885-012
8

885-014
8

885-016
8

MODIFIED
BEVELED
CYLINDER

ISO 130

1/10 mm

L mm

314 FG Standard

25 PK ● 806 314 130 514	F6885KF020-25
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885K-020
8

BEVELED
CYLINDER

ISO 131

1/10 mm

L mm

314 FG Standard

5 PK	●	806 314 131 534	FGC0886012	FGC0886014	FGC0886016
5 PK	●	806 314 131 524	FG886012	FG886014	FG886016
5 PK	●	806 314 131 514	FG886F012	FG886F014	FG886F016

886-012
10886-014
10886-016
10

FLAME

ISO 496

1/10 mm

L mm

314 FG Standard

5 PK	●	806 314 496 544	FG888SC012		
5 PK	●	806 314 496 534	FGC0888012	FGC0888016	
5 PK	●	806 314 496 524	FG888012	FG888016	FG888018
5 PK	●	806 314 496 514	FG888F012		
5 PK	●	806 314 496 504	FG888C012		

888-012
7888-016
7888-018
7SPECIALITY
SHAPES

ISO 540

1/10 mm

L mm

314 FG Standard

5 PK	●	806 314 540 534	FGC0889010
5 PK	●	806 314 540 524	FG889010
5 PK	●	806 314 540 514	FG889F010

889-010
4

ACORN

ISO 031

1/10 mm

L mm

314 FG Standard

5 PK	●	806 314 031 524	FG905023	FG905027	FG905031
5 PK	●	806 314 031 514	FG905F023	FG905F027	FG905F031

905-023
2.6905-027
2.7905-031
3

WHEEL

ISO 068

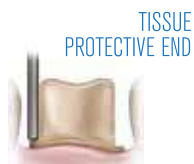
1/10 mm

L mm

314 FG Standard

5 PK	●	806 314 068 544			FG909SC040	FG909SC042
5 PK	●	806 314 068 534	FGC0909031	FGC0909033	FGC0909035	FGC0909042
5 PK	●	806 314 068 524	FG909031		FG909035	FG909040
5 PK	●	806 314 068 514			FG909F035	FG909F040

909-031
1909-033
1.5909-035
1.5909-040
1.5909-042
1.5909-055
1.6



ISO 150

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 150 524 FG10839010 FG10839012 FG10839014 FG10839016



10839-010

0.4



10839-012

0.4



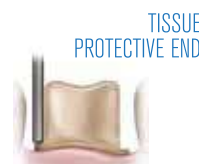
10839-014

0.4



10839-016

0.4



ISO 150

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 150 524 FG10839L010



10839L-010

0.4

PROSTHESIS
CYLINDER AND CONE

ISO

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 524 FGBR1016 FGBR2018 FGBR3018 FGBR4020



BR1 016

7



BR2 018

10



BR3 018

8



BR4 020

10



ISO 141

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 141 544 FGKS03SC009 FGKS13SC012 FGKS23SC014 FGKS33SC015 FGKS35SC016



KS03

KS-009

7



KS13

KS-012

7



KS23

KS-014

8



KS33

KS-015

8



KS35

KS-016

8



ISO 216

ISO 217

ISO 218

ISO 219

1/10 mm

L mm

314 FG Standard

5 PK ● 806 314 514 FGSE3F010 FGSE4F012 FGSE6F016 FGSE8F016 FGSE9F016

5 PK ● 806 314 504 FGSE3C010 FGSE4C012 FGSE6C016 FGSE8C016 FGSE9C016



SE3

SE-010

216

3



SE4

SE-012

217

4

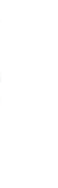


SE6

SE-016

218

6



SE8

SE-016

219

8



SE9

SE-016

219

9

MULTI-USE DIAMOND

INSTRUCTIONS FOR USE

Description

Dental diamond instruments are made of a single piece of hardness stainless steel, coated with diamonds, for dental clinic applications.

SAFETY IN USE - Read precautions carefully:

- The device is to be used on the instruction of and by a dentist or other licensed practitioner. Rx only.
- Clean and sterilize burs in accordance with the directions below before first use and before each reuse.
- Always wear gloves when handling contaminated instruments.
- Eye protection must be worn to protect against ejected particles.
- Surgical masks must be worn to avoid inhalation of any aerosol or dust generated.
- Ensure that the bur is securely gripped in the handpiece collet.
- Do not use worn-out diamonds.
- Maintain handpieces in good working order and correctly lubricated.
- Do not exceed the maximum speeds tabulated in this leaflet.
- Do not apply excessive pressure on the diamond.
- Avoid removing the diamond at too sharp an angle to avoid leverage and breakage.
- Move the diamond continuously when in use to avoid localized heating and/or damage to the diamond.
- Read carefully the labels on the packaging.

DIAMOND INSTRUMENT - guidance for maximum RPM:

Instrument head diameter 01/10 (mm) - ISO	Maximum permissible speed (RPM)	Recommended operational speed (RPM)
007- 010	450,000	100,000 - 220,000
012 -014	450,000	70,000 - 220,000
016 -018	450,000	55,000 - 160,000
021 -023	300,000	40,000 - 120,000
025-027	160,000	35,000 - 110,000
029 -031	140,000	30,000 - 95,000
033-040	120,000	25,000 - 75,000
042-050	95,000	15,000 - 60,000

INSTRUCTIONS FOR CLEANING AND STERILIZING DENTAL ROTARY INSTRUMENTS

Multi-Use Diamonds are available non-sterile. Non-sterile burs are recommended to be cleaned and sterilized before first use and each subsequent use.



Containment at the Point of Use

- Delay between use and reprocessing must be kept to a minimum.
- Keep the unclean diamonds immersed in the cleaning/disinfecting agent in accordance with its manufacturer's instructions, but in any event do not exceed 12 hours.
- Caution: Do not leave diamonds immersed in disinfectants that have a fixative action (such as aldehyde based products) unless the diamonds have been thoroughly cleaned first.

CLEANING, DRYING AND INSPECTION PROCEDURE MANUAL CLEANING:

- 1) Rinse the diamond under running cold water and, keeping them immersed, brush thoroughly away from the body using a neutral cleaning or cleaning/disinfecting agent labeled for use on dental diamond or other similar types of medical instruments, following the manufacturer's instructions.
- 2) Care should be taken to avoid spreading contaminants by spraying or splashing during the brushing process.
- 3) Wire brushes must be used with caution, as brass particles may result in galvanic corrosion and steel particles may cause discoloration of stainless steel.
- 4) After cleaning, inspect the diamonds, preferably with the aid of magnification, to ensure that all contamination has been removed. Repeat the cleaning process if necessary.
- 5) Dry the diamonds using paper toweling or dry heat not exceeding 140°C.
- 6) Inspect the diamonds with the aid of magnification if necessary and discard any damaged or corroded instruments.

Automated Cleaning

Cleaning by means of an automated washer disinfectant: Any cleansing and disinfecting agents used must be compatible with the materials used in the dental diamond, otherwise accelerated corrosion or other damage may occur. The washer disinfectant and the cleaning agent manufacturers' instructions must be followed if using an autoclave with a pre-vacuum cycle, pack the diamonds in dedicated instrument trays or pouches validated for steam sterilization.

If using an autoclave without a pre-vacuum cycle, the diamonds should not be packed or wrapped but should be contained in dedicated diamonds stands with perforated lids.

NOTE: Local legislation may require that diamonds are wrapped in pouches for processing in either type of autoclave.

Sterilization

Follow the autoclave manufacturer's instructions to sterilize the diamonds. In particular, care must be taken not to exceed the maximum recommended load for the autoclave.

Manufacturer has validated steam sterilization in an autoclave without a pre-vacuum cycle (gravity displacement type) for a holding time of six minutes at a temperature of 134 °C. The holding time is the minimum time for which the minimum temperature is sustained.

NOTE: Local infection control practice may recommend a different combination of holding time and temperature.

Storage

The diamonds should be stored in the dry sterilization container (bur stand or pouch) until required. Storage should be in dry, clean conditions and at ambient temperature.

Validation of Cleaning and Steam Sterilization

Any deviation from these instructions should be properly evaluated by the user for effectiveness and potential adverse results.

Gain Access to Calcified & Hidden Canals with Greater Precision.

- Preserve 40%-70% more cervical dentin to produce stronger restored teeth
- Eliminates 2-3 Gates Glidden and 1 Ultrasonic tip per procedure
- Facilitates increased tactile sense to better locate calcified & MB 2/3 canals
- Produces a polished dentin surface for easy visual identification of hidden canals
- Remove broken files and old posts in half the time as conventional methods

See page #-- for Quick Tips and Suggested Uses Conservative and Precise Root Canal Access



SLFG 27 mm
EG1A # 35758
5 PK

Head Length (mm) 2.5
Tip Diameter (mm) 0.33
Back Diameter (mm) 1.07

Initial access in non-restored anterior and bicuspid teeth



SLRA 27 mm
EG1 # 35759
5 PK

Head Length (mm) 3.5
Tip Diameter (mm) 0.28
Back Diameter (mm) 0.71

Deep troughing; deeper orifice enlargement; calcified canals



SLRA 27 mm
EG2 # 35760
5 PK

Head Length (mm) 2.5
Tip Diameter (mm) 0.33
Back Diameter (mm) 1.07

De-roofing pulp chamber; deep orifice enlargement; calcified canals



SLFG 27 mm
EG3 # 35761
5 PK

Head Length (mm) 1.5
Tip Diameter (mm) 0.28
Back Diameter (mm) 0.71

Initial access for small incisors; troughing and navigating calcified canals



SLFG 29 mm
EG4 # 35762
5 PK

Head Length (mm) 3.5
Tip Diameter (mm) 0.28
Back Diameter (mm) 0.71

Deep troughing; navigating super ovoid; calcified canals



XLRA 39 mm
EG5 # 35763
5 PK

Head Length (mm) 1.5
Tip Diameter (mm) 0.28
Back Diameter (mm) 0.71

Deep troughing; retrieving separated instruments; navigating super ovoid; calcified canals



XLRA 34 mm
EG6 # 35764
5 PK

Head Length (mm) 2.5
Tip Diameter (mm) 0.28
Back Diameter (mm) 0.71

Deep troughing; retrieving separated instruments; navigating super ovoid; calcified canals



XLRA 34 mm
EG7 # 35765
5 PK

Head Length (mm) 1.5
Tip Diameter (mm) 0.33
Back Diameter (mm) 1.07

Deep troughing; retrieving separated instruments; navigating super ovoid; calcified canals



EndoGuide Molar Kit
#18051

For Endodontic Exploration
Contains seven EndoGuide Burs designed to increase visibility and control during endodontic exploration in molars when locating hidden canals, navigating deeply calcified canals and troughing between canals.



EndoGuide Anterior/Bicuspid Kit
#18052

For Endodontic Access & Exploration
Contains all instrumentation to create endodontic access through metal, porcelain and zirconia, featuring SS White Great White #2 metal cutting bur, Great White Z Diamonds along with four EndoGuide Burs ideally suited for locating and accessing single root canals in anterior/bicuspid teeth.

"EndoGuide Burs have eliminated my dependence on round burs and the ultrasonic tips. EndoGuide Burs offer greater precision and efficiency in creating straight-line access and identifying canals in molar teeth."

- John A. Khademi, DDS, MS

INSTRUCTIONS FOR USE

EndoGuide® Burs are a unique series of eight burs for non-surgical root canal treatment. Specifically designed to maximize efficiency during endodontic exploration and access while conserving healthy tooth structure. The patented¹, conical shaped micro-diameter tip of the EndoGuide® Burs acts as a self-centering guide to permit straight-line access to canals. EndoGuide® Burs blade design functions to effectively polish the dentin surface as it cuts, making visual dentin mapping easier and canal identification more precise. Two EndoGuide® kits address the specific endodontic needs of Anterior/Bicuspid teeth and Molar teeth. Individual EndoGuide® Burs are also available (See Table A).



EndoGuide® Anterior/Bicuspid Kit
(For Endodontic Access and Exploration) #18052
Contains all instrumentation to create endodontic access through metal, porcelain and zirconia



EndoGuide® Molar Kit
(For Endodontic Exploration) #18051
Contains seven EndoGuide® Burs designed to increase visibility and control during endodontic exploration in molars.

NOTE: Initial access and de-roofing in molars should be performed with the Great White® #2 bur or Great White® Z Diamonds supplied in the EndoGuide® Anterior/Bicuspid Kit for Endodontic Access and Exploration, order #18052.

Operational Instructions

1. EndoGuide® Burs are task specific; each bur is designed for a particular area of use during endodontic access and canal exploration.
2. While EndoGuide® Burs are diminutive in size, they are very efficient cutters in both the vertical and lateral directions. To maximize cutting efficiency and avoid bur breakage, it is recommended that the clinician applies only enough pressure to guide the bur while allowing the instrument to progress through the substrate. When used for troughing procedures, a light sweeping motion is suggested.
3. Excessive force to the instrument, especially in a lateral direction, can lead to bur damage.

Initial Access Through Restorations/Tooth Surfaces

1. Identify the material makeup of any existing restorations that must be removed or penetrated to gain access.
2. Once identified, select the appropriate instrument for the task. (See Table A)

NOTE: SS White® Complete Restoration Removal Kit (Order #18180) contains instrumentation specifically designed for efficient, non-traumatic removal of failed amalgams, composites, PFM crowns, and all-ceramic crowns, including zirconia and lithium disilicate ceramics.

Endodontic Access and Exploration

EndoGuide® Burs are ideal for use when performing micro-endodontics using magnification-enhanced vision via a dental operating microscope or loops. For best product performance, always match the EndoGuide® Bur to the task to be performed (See Table A). Slow-speed EndoGuide® Burs are those with SLRA (Surgical Length Right Angle) and XLRA (Extra-Long Right Angle) shanks for use in standard slow-speed right-angle latch handpieces at slow-speed rpm ranges appropriate for endodontic procedures. High-speed EndoGuide® Burs are those with SLRA (Surgical Length Friction Grip) shanks for use in standard high-speed friction grip handpieces at high-speed rpm ranges appropriate for endodontic procedures.

Precautions

1. Before each use, inspect the bur for damaged blades or signs of excessive wear. Discard worn burs.
2. Maintain handpieces in accordance with the manufacturer's instructions.
3. Fully seat the bur into the chuck mechanism to eliminate non-concentric operation.
4. Do not exceed manufacturer's suggested speed recommendations.
5. Clean and sterilize burs in accordance with the instructions provided by the manufacturer of your sterilization unit. Do not immerse carbide burs in cold sterilizing solutions or other strong oxidizing agents.








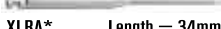


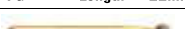
WARNINGS

SS White® EndoGuide® Burs may not be appropriate for all patients under all circumstances, so professional judgment and discretion should be exercised at all times. SS White® EndoGuide® Burs should be used only by licensed dental professionals with appropriate levels of clinical experience and training. Caution and care should be used at all times. Treatment options and techniques outlined in this insert are suggestions only and may not be appropriate for all patients. Dentists must apply appropriate levels of force when using SS White® EndoGuide® Burs. Excessive force can cause premature wear to the instruments. Use your professional judgment.

LIMITATION OF LIABILITY

SS White® disclaims all liability and damages of any kind resulting from intentional or negligent conduct or otherwise that arise out of the use or misuse of any SS White® instruments or these instructions. 1. U.S Patent No. 6,257,889 B1

Kit and Bur Reference Guide: SS White® EndoGuide® Precision Micro Endodontic Burs

Bur # SSW Order #	Bur Photograph		Head Length (mm)	Tip Diameter (mm)	Back Diameter (mm)	Reorder Package Size	Included in: Anterior/Bicuspid Kit #18052	Included in: Molar Kit #18051	Recommended Applications
E61A # 35758		SLFG* Length = 27mm	2.5	0.33	1.07	5-pk	YES	NO	• Initial access in non-restored anterior and bicuspid teeth
E61 # 35759		SLRA* Length = 27mm	3.5	0.28	0.71	5-pk	YES	YES	
E62 # 35760		SLRA* Length = 27mm	2.5	0.33	1.07	5-pk	YES	YES	• Stone removal, coronal troughing • Deep orifice enlargement and calcified canals
E63 # 35761		SLFG* Length = 27mm	1.5	0.28	0.71	5-pk	YES	YES	• Initial access for small incisors • Troughing and navigating calcified canals
E64 # 35762		SLFG* Length = 29mm	3.5	0.28	0.71	5-pk	NO	YES	• Deep troughing • Navigating super ovoid and calcified canals
E65 # 35763		XLRA* Length = 34mm	1.5	0.28	0.71	5-pk	NO	YES	• Deep troughing • Retrieving separated instruments • Navigating deeply calcified canals
E66 # 35764		XLRA* Length = 34mm	2.5	0.28	0.71	5-pk	NO	YES	
E67 # 35765		XLRA* Length = 34mm	1.5	0.33	1.07	5-pk	NO	YES	
SS White Great White® Carbides and Diamonds:									
GW2 # 18062-5 # 300059		FG Length = 19mm	4.0	N/A	1.19	5-pk 50-pk	YES	NO	• Metal crown access or removal • Amalgam restoration and decay removal • Molar initial access and de-roofing
GWZ 856-018 (Round End Cone) # 350171		FG Length = 22mm	8.0	1.10	2.2	10-pk	YES	NO	• Ceramic/zirconia crown removal • Molar initial access
GWZ 801-018 (Round) # 350173		FG Length = 19mm	1.8	N/A	1.90	10-pk	YES	NO	• Initial access through ceramic/zirconia crowns • Molar initial access

*NOTE: SLRA (Surgical Length Right Angle) and XLRA (Extra-Long Right Angle) shanks are for use in right angle slow-speed handpieces; SLFG (Surgical Length Friction Grip) shanks are for use in friction grip high-speed handpieces. When using EndoGuide® Bur for troughing procedures, a light sanding or sweeping motion is suggested.

U.S. Patent No. 6,257,889 B1

For Endodontic Access Lateral Extension

The Endo Safe End Instruments are available in 3 sizes (1.4mm, 1.6mm and 1.8mm).

Designed for lateral endodontic access enlargement without the risk of penetrating the pulp chamber floor.

The safe end tip protects the pulpal floor from possible perforation, yet still allows for refinement of the axial walls.

ENDO SAFE END ENDODONTIC ACCESS BURS



ESE-014
ITEM # 350112
10 PK
Head Length (mm) 9.0
Max Head Diameter (mm) 1.4
LOA (Overall Length mm) 24.0

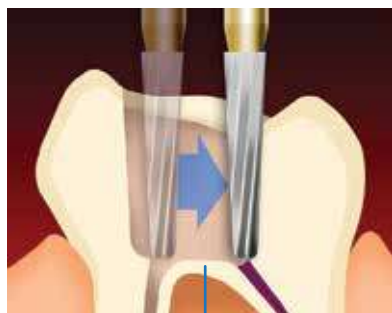


ESE-016
ITEM # 350185
10 PK
Head Length (mm) 9.0
Max Head Diameter (mm) 1.6
LOA (Overall Length mm) 21.0



ESE-018
ITEM # 350113
10 PK
Head Length (mm) 9.0
Max Head Diameter (mm) 1.8
LOA (Overall Length mm) 24.0

Flare, Flatten and Refine Internal Axial Walls



FURCATION AREA



COMPETITIVE
BUR



ENDO SAFE END
BUR

- Endo Safe End Burs have a smooth integrated transitional design from tip to cutting blade which eliminates ledging associated with competitors burs
- The Endo Safe End instrument will cut only laterally and not apically to prevent perforation of the furcation area.

Pulp Chamber Expansion: Using SS White® Endo SE carbide burs allow access to the canal orifices during endodontic treatment, while preventing damage or perforation of both the pulp chamber floor and root canal walls.

Product recommended: ESE-014 & ESE-018

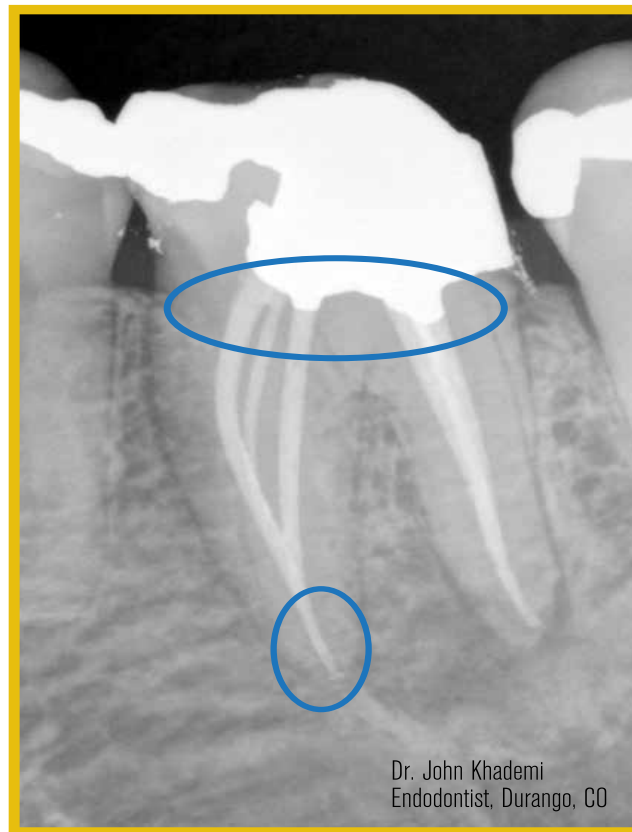
Variable Taper Parabolic Core Delivers Strength and Flexibility While Preserving Healthy Dentin

DCTaper™ Files: Designed to Conserve Vital Peri-Cervical Dentin

9 out of 10 referring dentists have experienced frustration in restoring endodontically treated teeth that do not preserve supporting dentin, which is vital to the long-term success of the restoration.*



*Independent survey on file.



"DCTaper™ Niti rotary files achieve deeper apical shapes while developing naturally shaped canals that better simulate the original anatomy, allowing better access for irrigating and cleaning, and 3-D obturation".

*- Dr. John Khademi, Endodontist,
Durango, Colorado*

***The Only 1-2 File Shaping System
You'll Ever Need in Your Office!***

DCGLIDE PATH™

NI Ti ROTARY FILE SYSTEM

Establish Canal Patency with DCGLide Path™ NiTi Rotary File System

DCGLide Path™ File System:

- Safe-end prevents ledging, transportation and perforation
- Reduced shaft diameters increase flexibility required for curved canal negotiation
- Variable taper design preserves vital dentin in coronal third
- Variable pitch design reduces screw-in effect

Rotary Files		Size	Order # 21mm	Order # 25mm	Pkg Size
		13(V03)	21317	21318	6 PACK
		17(V04)	21301	21309	6 PACK

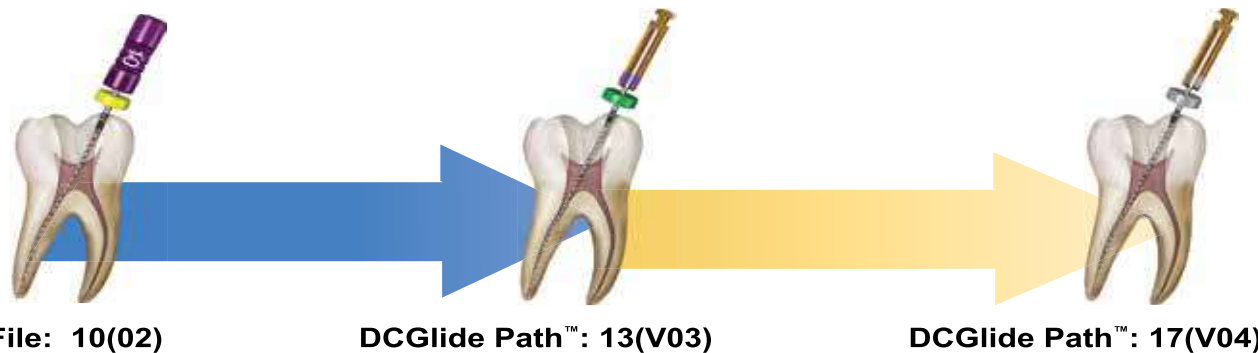
DCtaper™ NiTi rotary files, make the transition from glide path development to shaping seamless. Used together, the DC File System offers clinicians the ability to develop safe and predictable canal patency and follow with both, deep apical shaping and conservative coronal shaping.

Hand Files		Size	Order # 21mm	Order # 25mm	Pkg Size
		8(02)	21213	21214	6 PACK
		10(02)	21203	21208	6 PACK
		15(02)	21215	21216	6 PACK

Using the DCGLide Path™ File System:

Step 1: Establish patency with SS White® 10(02) K File

Step 2: Canal glide path completed with DCGLide Path™ NiTi Rotary Files system: 13(V03) and 17(V04) NiTi rotary files



Suggested sequence for establishing canal patency with the DCGLide Path™ System:

DCTaper Heat Treated Files - The Future of Modern Endodontics

Non-Cutting Tip

Safeguards against perforation and transportation

Variable Pitch

Variable helical angle and variable flute pitch

Variable Taper

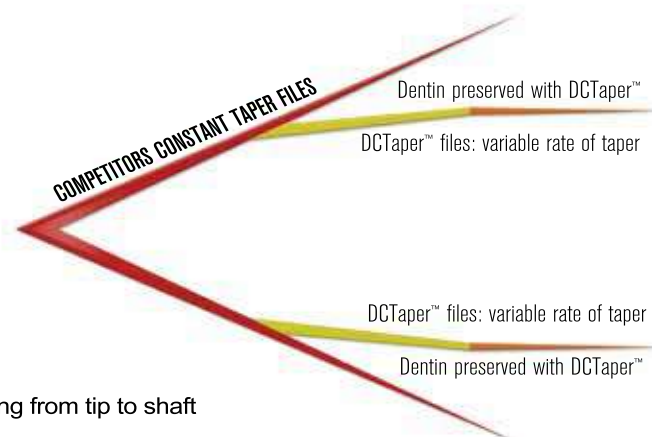
Preserve dentin throughout the peri-cervical area

Reduced Shaft

- Allows file to remain flexible, even in the most curved canals
- Allows for debris to move up and out the canal while instrumenting

Variable Taper Design Preserves Healthy Peri-Cervical Dentin

- A root canal has a variable rate of change NOT a constant rate of taper change, this is the basis for variable taper design of DCTaper™ Files
- DCTaper™ File System encompasses a more anatomic design that creates shape while preserving key peri-cervical dentin by more closely mirroring the natural shape of the root
- DCTaper™ instruments have a variable decreasing rate of taper going from tip to shaft



Strong & Flexible Through Parabolic Core Design



*Independent research on file.

Flexibility Through Safe-Core™ Parabolic Design










- High flexibility for successful navigation of even the most curved canals
- Strong core design safeguards against separation
- Strongest core design of any major competitor*

Original DCTaper™ Rotary NiTi File System

DCTAPER™
DENTIN CONSERVATION FILE SYSTEM

- Non-heat treated file ideal for retreatment
- Deep apical shape creates better access for irrigation and cleaning, and 3D obturation
- Variable taper design creates conservative coronal shape, preserves dentin
- Strongest tested file system on the market*

*Independent research on file.

		Size	21mm	25mm	Qty.	Recommended SS White Accessory Cones Gutta Percha			Recommended SS White Paper Point		
						Size	Pk. Size	Order #	Size	Pk. Size	Order #
Glide Path		13(V03)	21317	21318	6-Pk.	-	-	-	-	-	-
		17(V04)	21301	21309	6-Pk.	-	-	-	-	-	-
2 File System		20(V06)	21302	21310	6-Pk.	MF	100	#200003	F	200	#200014
		25(V08)	21303	21311	6-Pk.	MF	100	#200003	F	200	#200014
Additional Sizes Available		30(V06)	21304	21312	6-Pk.	MF	100	#200003	F	200	#200014
		35(V06)	21305	21313	6-Pk.	25/04	60	#200022	25/04	100	#200033
		40(V06)	21306	21314	6-Pk.	30/04	60	#200023	30/04	100	#200034
		45(V06)	21307	21315	6-Pk.	35/04	60	#200024	35/04	100	#200035
		50(V06)	21308	21316	6-Pk.	40/04	60	#200025	40/04	100	#200036



SS White® Endodontic Access & Shaping Kit

Features the

DCTAPER™
DENTIN CONSERVATION FILE SYSTEM

Designed to preserve dentin and create longer lasting restorations, the new SS White Endodontic Kit includes the ideal combination of instruments necessary completion of endodontic access, shaping & finishing.

*Kit Includes 1 x Pack of Gutta Percha Points MF, #200003

Kit#	Component	Use
#1	Diamond - #801-018M	INITIAL ACCESS
#2	Great White®Z - GWZ #801-018	INITIAL ACCESS
#3	Great White® 2	INITIAL ACCESS
#4	Great White SL 2R	INITIAL ACCESS
#5	ENDOGUIDE® - EG1A	RC ACCESS
#6	ENDOGUIDE® - EG2	RC ACCESS
#7	Endo Safe End - ESE-016	RC ACCESS
#8	K-File 8/02 21,25	HANDFILE
#9	K-File 10/02 21,25	HANDFILE

Kit#	Component	Use
#10	DCTaperH™ 25/09 17	GLIDEPATH
#11	DCTaperH™ 13/03 21, 25	GLIDEPATH
#12	DCTaperH™ 14/03 21, 25	GLIDEPATH
#13	DCTaperH™ 17/04 21, 25	SHAPING
#14	DCTaperH™ 20/06 21, 25	SHAPING
#15	DCTaperH™ 22/07 21, 25	SHAPING
#16	DCTaperH™ 25/06 21, 25	SHAPING
#17	DCTaperH™ 30/06 21, 25	SHAPING


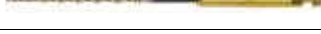


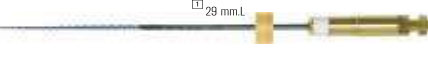

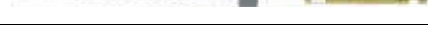






















DCTAPER^H

DENTIN CONSERVATION FILE SYSTEM

Heat Treated for Increased Flexibility and Strength

2 File Shaping-Finishing System

STERILE R AVAILABLE IN STERILE 6 PACKS

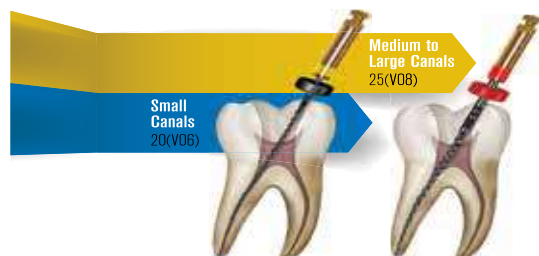
		Size				Qty.	Recommended SS White Accessory Cones Gutta Percha			Recommended SS White Paper Point		
		17mm					Size	Pk. Size	Order #	Size	Pk. Size	Order #
Glide Path File System		25(V09)	21367	-	-	6-Pk.	-	-	-	-	-	-
		25(V09)	21367-S6	-	-	6-Pk.	-	-	-	-	-	-
		Size	21mm	25mm	31mm	Qty.						
		13(V03)	21362	21363	21350	6-Pk.	-	-	-	-	-	-
2 File System		13(V03)	21362-S6	21363-S6	21350-S6	6-Pk.	-	-	-	-	-	-
		14(V03)	21364	21365	21366	6-Pk.	-	-	-	-	-	-
		14(V03)	21364-S6	21365-S6	21366-S6	6-Pk.	-	-	-	-	-	-
		17(V04)	21319	21330	21351	6-Pk.	FF	100	#200002	XF	200	#200013
Additional Sizes Available		17(V04)	21319-S6	21330-S6	21351-S6	6-Pk.	FF	100	#200002	XF	200	#200013
		20(V06)	21320	21331	21352	6-Pk.	MF	100	#200003	F	200	#200014
		20(V06)	21320-S6	21331-S6	21352-S6	6-Pk.	MF	100	#200003	F	200	#200014
		25(V06)	21322	21333	21354	6-Pk.	MF	100	#200003	F	200	#200014
		25(V06)	21322-S6	21333-S6	21354-S6	6-Pk.	MF	100	#200003	F	200	#200014
		22(V07)	21321	21332	21353	6-Pk.	FF	100	#200002	XF	200	#200013
		22(V07)	21321-S6	21332-S6	21353-S6	6-Pk.	FF	100	#200002	XF	200	#200013
		25(V08)	21323	21334	21355	6-Pk.	MF	100	#200003	F	200	#200014
		25(V08)	21323-S6	21334-S6	21355-S6	6-Pk.	MF	100	#200003	F	200	#200014
		30(V06)	21324	21335	21356	6-Pk.	MF	100	#200003	F	200	#200014
		30(V06)	21324-S6	21335-S6	21356-S6	6-Pk.	MF	100	#200003	F	200	#200014
		30(V08)	21325	21336	21357	6-Pk.	MF	100	#200003	F	200	#200014
		30(V08)	21325-S6	21336-S6	21357-S6	6-Pk.	MF	100	#200003	F	200	#200014
		35(V06)	21326	21337	21358	6-Pk.	25/04	60	#200022	25/04	100	#200033
		35(V06)	21326-S6	21337-S6	21358-S6	6-Pk.	25/04	60	#200022	25/04	100	#200033
		40(V06)	21327	21338	21359	6-Pk.	30/04	60	#200023	30/04	100	#200034
		40(V06)	21327-S6	21338-S6	21359-S6	6-Pk.	30/04	60	#200023	30/04	100	#200034
		45(V06)	21328	21339	21360	6-Pk.	35/04	60	#200024	35/04	100	#200035
		45(V06)	21328-S6	21339-S6	21360-S6	6-Pk.	35/04	60	#200024	35/04	100	#200035
		50(V06)	21329	21340	21361	6-Pk.	40/04	60	#200025	40/04	100	#200036
		50(V06)	21329-S6	21340-S6	21361-S6	6-Pk.	40/04	60	#200025	40/04	100	#200036

DCTAPER^H

DENTIN CONSERVATION FILE SYSTEM

Assortment Packs

Description	Assorted Pack	21mm	25mm	31mm	Qty.	Description	Assorted Pack	21mm	25mm	31mm	Qty.
DCTaperH™	00-14-17-20-25-30	21375	21376	-	6-Pk.	DCTaperH™	17-20-25	21341	21342	21372	3-Pk.
DCTaperH™	17-20-25-30-35-40	21377	21378	21379	6-Pk.	DCTaperH™	30-35-40	21368	21370	21373	3-Pk.
DCTaperH™	17-20-22-25-30-35	21380	21381	21382	6-Pk.	DCTaperH™	40-45-50	21369	21371	21374	3-Pk.



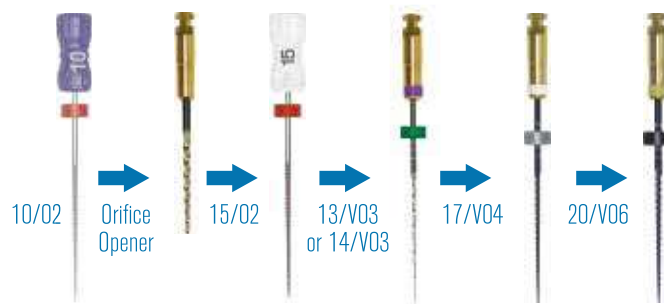
This performance-enhanced system is designed for easy, safe and more efficient shaping. DCTaperH™ is the most cost effective NiTi rotary file system on the market.*

- Deep apical shape creates better access for irrigation and cleaning, and 3D obturation
- Variable taper design creates conservative coronal shape, preserves dentin
- 1-2 files per case, lowest cost for shaping per procedure
- Strongest tested NiTi file system on the market*

*Independent research on file.

Recommended DCTaper™ H Protocol

Basic Sequence



Optional Shaping Files for Larger Canals



Users Guide for DCTaper™ H Files:

Recommended speed is 150 to 400 rpm

Recommended torque limit is 450 g/cm (4.4 N/cm).

Recommended Sequence

- Establish the initial glide path patency with #8 or #10 hand files.
- Enlarge / expand canal orifice with a DCTaper™H 20/06 or 25/06 rotary file going apically about 1 -2 mm (D1-D2) past the orifice. The SS White Orifice Opener may be used if preferred by the clinician.
An EG #2 slow speed with a light touch can also be used. Avoid using Gates Gliddens or Peeso reamers as canal orifice openers.
- Complete hand filing from #10-#15 hand file depending on the size and shape of the canal anatomy.
Next use DCTaper™ 13/v03 or 14/03 and DCTaper™H 17/v04 to initiate rotary filing sequence.
- Irrigate with NAOCL (using side vented irrigation needle) alternating with EDTA or equivalent with each pass of the next instrument and when recapitulating with hand files.
- Use lubricant with each file.
- Use each file sequentially to apical working length until desired enlargement is achieved.
- Allow files to engage and advance apically to resistance on their own – do not push or “help” them advance through resistance.
- After the file engages dentin for 1-3mm remove it and wipe dentinal debris from file flutes to enhance debris removal.

Stronger and More Flexible at a Fraction of the Price!

Save Time, Save Money and Reduce Stress

9 out of 10 referring dentists have experienced frustration in restoring endodontically treated teeth.* SS White®'s EXACT Endodontic File System is the instrument-of-choice for the general dental practice.

The EXACT File Family is engineered for flexibility and to cut dentin with great efficiency, while reducing the potential for over-preparation.

Ease of Use

Same sizes, lengths and tapers enable you to continue with the same treatment protocol you use with ProTaper® Gold, Wave One®, Vortex Blue® and Edge Taper Platinum™ file systems.

Efficient

Shaping files cut dentin throughout each canal zone with greater efficiency, while reducing the potential for over-preparation

Flexibility

Proprietary Heat-Matrix™ technology increases flexibility and strength to give controlled memory and navigate the curviest of canals.

Strength

The flexibility and strength of the EXACT files helps to reduce file separation and help minimize transportation of the canal.

EXACT
ENDODONTIC FILES

EXACTTAPER^H
ROTARY ENDODONTIC FILES

EXACTFLOW^H
RECIPROCATING FILE SYSTEM

EXACTGUIDE⁺
ROTARY ENDODONTIC FILES



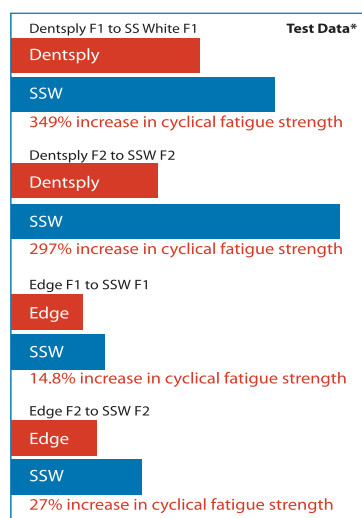
EXACTTAPER^H
ROTARY ENDODONTIC FILES

Greater Strength Equals Less File Separation

Increased safety reduces stress and creates better patient outcomes

Instrument separation is a serious concern in endodontics.

Nickel-titanium (NiTi) endodontic instruments were introduced to facilitate instrumentation of curved canals. NiTi instruments are super-elastic and will flex far more than stainless-steel instruments before exceeding their elastic limit reaching their separation point.



EXACTTaper F1
Stronger than both
Dentsply Protaper Gold F1
and EdgeTaper TM F1

This flexibility is an important property that allows preparation of curved canals while minimizing transportation. Despite this increased flexibility, separation is still a concern with NiTi instruments. The clinical concern is that NiTi files have been reported to undergo fatigue failure which occurs unexpectedly without any sign of previous deformation and therefore visual inspection would not seem to be the ideal way of evaluating nickel titanium instruments in order to prevent fracture.

SS White EXACTTaper™ Files offer greater flexibility that is more resistant to cyclic fatigue when tested against both Dentsply Protaper® Gold and Edge Endo EdgeTaper™ Platinum files.



Easily Navigate Even the Most Curved Canals



- Same sizes, lengths and tapers enable you to use the same protocol or technique you use with ProTaper® Gold and Edge Taper Platinum™ file systems
- Shaping files cut dentin throughout each canal zone with greater efficiency, while reducing the potential for over-preparation
- Finishing files insure the proper apical fit for the matching EXACTTaper™, or your existing Gutta Percha points
- Shaping files have multiple tapers that ensure flexibility and cut dentin in specific canal zones

SKU	DESCRIPTION	PK Size	PROTAPER GOLD	PROTAPER GOLD DESCRIPTION	EDGE SKU	EDGE SEQUEL SAPPHIRE EDGE TAPER PLATINUM
TTHSX19	EXACTTaper ^{HTM} SX 6 pack 19 mm	6 Pk	PTGRSX19	ProTaper Gold Rotary File Shaper X 19mm	ETSX19HT	SX 19 mm
TTHAS21	EXACTTaper ^{HTM} SX-F3 ASST 21mm	6 Pk	PTGRA21	ProTaper GOLD Rotary Files Asstd (SX-S2, F1-F3) 21mm	ETP21MM	
TTHS121	EXACTTaper ^{HTM} S1 6 pack: 21 mm	6 Pk	PTGRS121	ProTaper Gold Rotary File Shaper 1 Purple 21mm	ETS121HT	S1 21 mm
TTHS221	EXACTTaper ^{HTM} S2 6 pack: 21 mm	6 Pk	PTGRS221	ProTaper Gold Rotary File Shaper 2 White 21mm	ETS221HT	S2 21 mm
TTHF121	EXACTTaper ^{HTM} F1 6 pack: 21 mm	6 Pk	PTGRF121	ProTaper Gold Rotary File Finisher 1 Yellow 21mm	ETF121HT	F1 21 mm
TTHF221	EXACTTaper ^{HTM} F2 6 pack: 21 mm	6 Pk	PTGRF221	ProTaper Gold Rotary File Finisher 2 Red 21mm	ETF221HT	F2 21 mm
TTHF321	EXACTTaper ^{HTM} F3 6 pack: 21 mm	6 Pk	PTGRF321	ProTaper Gold Rotary File Finisher 3 Blue 21mm	ETF321HT	F3 21 mm
TTHF421	EXACTTaper ^{HTM} F4 6 pack: 21 mm	6 Pk	PTGRF421	ProTaper Gold Rotary File Finisher 4 Double Black 21mm	ETF421HT	F4 21 mm
TTHF521	EXACTTaper ^{HTM} F5 6 pack: 21 mm	6 Pk	PTGRF521	ProTaper Gold Rotary File Finisher 5 Double Yellow 21mm	ETF521HT	F5 21 mm
TTHAS25	EXACTTaper ^{HTM} SX-F3 ASST 25mm	6 Pk	PTGRA25	ProTaper Universal Rotary Files Asstd (SX-S2, F1-F3) 25mm	ETP25MM	
TTHS125	EXACTTaper ^{HTM} S1 6 pack: 25 mm	6 Pk	PTGRS125	ProTaper Gold Rotary File Shaper 1 Purple 25mm	ETS125HT	S1 25 mm
TTHS225	EXACTTaper ^{HTM} S2 6 pack: 25 mm	6 Pk	PTGRS225	ProTaper Gold Rotary File Shaper 2 White 25mm	ETS225HT	S2 25 mm
TTHF125	EXACTTaper ^{HTM} F1 6 pack: 25 mm	6 Pk	PTGRF125	ProTaper Gold Rotary File Finisher 1 Yellow 25mm	ETF125HT	F1 25 mm
TTHF225	EXACTTaper ^{HTM} F2 6 pack: 25 mm	6 Pk	PTGRF225	ProTaper Gold Rotary File Finisher 2 Red 25mm	ETF225HT	F2 25 mm
TTHF325	EXACTTaper ^{HTM} F3 6 pack: 25 mm	6 Pk	PTGRF325	ProTaper Gold Rotary File Finisher 3 Blue 25mm	ETF325HT	F3 25 mm
TTHF425	EXACTTaper ^{HTM} F4 6 pack: 25 mm	6 Pk	PTGRF425	ProTaper Gold Rotary File Finisher 4 Double Black 25mm	ETF425HT	F4 25 mm
TTHF525	EXACTTaper ^{HTM} F5 6 pack: 25 mm	6 Pk	PTGRF525	ProTaper Gold Rotary File Finisher 5 Double Yellow 25mm	ETF525HT	F5 25 mm
TTHAS31	EXACTTaper ^{HTM} SX-F3 ASST 31mm	6 Pk	PTGRA31	ProTaper Universal Rotary Files Asstd (SX-S2, F1-F3) 31mm	ETP31MM	
TTHS131	EXACTTaper ^{HTM} S1 6 pack: 31 mm	6 Pk	PTGRS131	ProTaper Gold Rotary File Shaper 1 Purple 31mm	ETS131HT	S1 31 mm
TTHS231	EXACTTaper ^{HTM} S2 6 pack: 31 mm	6 Pk	PTGRS231	ProTaper Gold Rotary File Shaper 2 White 31mm	ETS231HT	S2 31 mm
TTHF131	EXACTTaper ^{HTM} F1 6 pack: 31 mm	6 Pk	PTGRF131	ProTaper Gold Rotary File Finisher 1 Yellow 31mm	ETF131HT	F1 31 mm
TTHF231	EXACTTaper ^{HTM} F2 6 pack: 31 mm	6 Pk	PTGRF231	ProTaper Gold Rotary File Finisher 2 Red 31mm	ETF231HT	F2 31 mm
TTHF331	EXACTTaper ^{HTM} F3 6 pack: 31 mm	6 Pk	PTGRF331	ProTaper Gold Rotary File Finisher 3 Blue 31mm	ETF331HT	F3 31 mm
TTHF431	EXACTTaper ^{HTM} F4 6 pack: 31 mm	6 Pk	PTGRF431	ProTaper Gold Rotary File Finisher 4 Double Black 31mm	ETF431HT	F4 31 mm
TTHF531	EXACTTaper ^{HTM} F5 6 pack: 31 mm	6 Pk	PTGRF531	ProTaper Gold Rotary File Finisher 5 Double Yellow 31mm	ETF531HT	F5 31 mm

EXACTTAPER^H

ROTARY ENDODONTIC FILES

EXACTTaper™ H Treatment Protocol

SS White® EXACTTaper™H shaping files have multiple tapers that ensure flexibility and cut dentin in specific canal zones with great efficiency, while reducing the potential for over-preparation. The EXACTTaper™ finishing files insure the proper apical fit for the matching EXACTTaper™ gutta percha points.

EXACTTaper™H files are available in the same sizes, length and taper as the Dentsply® ProTaper® file system and Edge Endo® Edge Taper™ file system, which requires no change to current protocol or technique for greater ease of use, and offers the same predictable results.

- Identify the material makeup of any existing restorations that must be removed or penetrated to gain access, select the appropriate instrument for the task to gain access through the tooth.
- Use endodontic intra-canal lubricant and small hand files when manually scouting and securing canals
- Use NaOCl when mechanically pre-shaping or shaping canals
- Create glide-path using appropriate file system
- Use EXACTTaper™H SX files in one or more passes to expand the glide path
- Use EXACTTaper™H SX files to relocate the coronal aspect of a canal away from an external root concavity, eliminate triangles of dentin, or produce more shape as desired
- Irrigate, recapitulate with a hand file and re-irrigate after removing each rotary file
- Frequently clean and inspect the flutes of EXACTTaper™H
- Use EXACTTaper™H files in regions of the canal that have a confirmed, smooth and reproducible glide path
- Use EXACTTaper™H files in a deliberate brushing motion, on the outstroke, to more optimally prepare canals that exhibit irregular cross sections and to facilitate apical file progression
- Use any EXACTTaper™H file in one or more passes to safely achieve length
- Use the shaping files (S1, S2 and SX) with a brushing motion. Brushing motion
- Use the finishing files (F1-F5) in an 'in and out' action (not brushing)
- Withdraw the files once working length is established



Shaping & Finishing Technique



Brush, Follow & Shape to Length
S1 & S2



Follow, Brush & Finish to Length
F1 & F2



Expand File Shape as Desired
F3, F4, F5

Precautions

1. Before each use, inspect the file for damage or signs. Discard damaged files.
2. Maintain handpieces in accordance with the manufacturer's instructions.
3. Fully seat the file into the chuck mechanism to eliminate non-concentric operation.

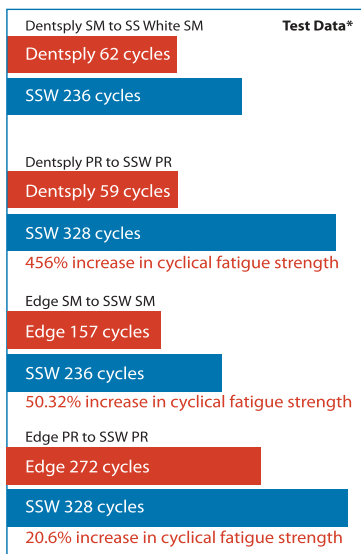
Limitations of Liability

SS White® EXACTTaper™H files may not be appropriate for all patients under all circumstances, so professional judgment and discretion should be exercised at all times. SS White® EXACTTaper™H files should be used only by licensed dental professionals with appropriate levels of clinical experience and training. Caution and care should be used at all times. Treatment options and techniques outlined in this insert are suggestions only and may not be appropriate for all patients. Dentists must apply appropriate levels of force when using SS White® EXACTTaper™H files. Excessive force can cause premature wear to the instruments. Use your professional judgment.

SS White® disclaims all liability and damages of any kind resulting from intentional or negligent conduct or otherwise that arise out of the use or misuse of any SS White® instruments or these instructions.

Significantly More Flexible than Comparable Edge Endo[®] and Dentsply[®] Files*

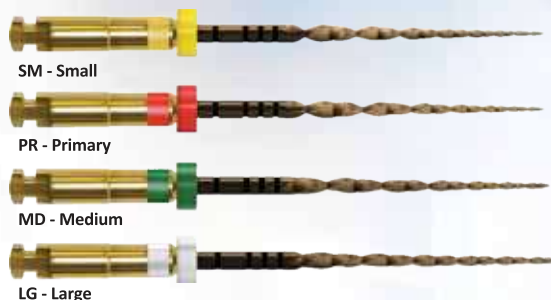
EXACTFlowHTM files are the instrument of choice for the general dental practice.



Cyclic fatigue is the leading cause of file separation. EXACTFlowHTM rotary files offer a remarkable leap forward in resistance to cyclic fatigue.

The numbers say it all.

Get efficient root canal shaping and management all in one file! Achieve predictable results with no change to your current treatment protocol. EXACTFlowHTM files allow the safe navigation of the canal. The tapered design enhances smooth transportation of the file through tissue and debris. Same sizes, lengths and tapers enable you to use the same protocol or technique you use with Wave One Gold[®] and Edge One FireTM file systems.



EXACTFlow^H

RECIPROCATING FILE SYSTEM

Efficient One File Shaping at a Fraction of the Price!

Same design as WaveOne[™] Gold means no change to your current treatment protocol.

- Proprietary Heat-Matrix[™] technology enables EXACTFlow^H™ files to deliver optimal strength.
- Dedicated matching EXACTFlow^H™ gutta-percha and paper points for efficient obturation
- Single file system offers ease of use and greater efficiency
- EXACTFlow^H™ files can be sterilized for re-use for a lower cost-per-procedure

ORDER #	DESCRIPTION	NAME	LENGTH	PK
TFHAS21	EXACTFlow ^H ™ Files	ASST	21MM	4
TFHSM21	EXACTFlow ^H ™ Files	SM	21MM	3
TFHPR21	EXACTFlow ^H ™ Files	PR	21MM	3
TFHMD21	EXACTFlow ^H ™ Files	MD	21MM	3
TFHLG21	EXACTFlow ^H ™ Files	LG	21MM	3
TFHAS25	EXACTFlow ^H ™ Files	ASST	25MM	4
TFHSM25	EXACTFlow ^H ™ Files	SM	25MM	3
TFHPR25	EXACTFlow ^H ™ Files	PR	25MM	3
TFHMD25	EXACTFlow ^H ™ Files	MD	25MM	3
TFHLG25	EXACTFlow ^H ™ Files	LG	25MM	3
TFHSM31	EXACTFlow ^H ™ Files	SM	31MM	3
TFHPR31	EXACTFlow ^H ™ Files	PR	31MM	3
TFHMD31	EXACTFlow ^H ™ Files	MD	31MM	3
TFHLG31	EXACTFlow ^H ™ Files	LG	31MM	3



SM - Small



PR - Primary



MD - Medium



LG - Large

AVAILABLE IN STERILE 3 PACKS

STERILE R

ORDER #	DESCRIPTION	NAME	LENGTH	PK
TFHSM21-S3	Sterile EXACTFlow ^H ™ Files	SM	21MM	3
TFHPR21-S3	Sterile EXACTFlow ^H ™ Files	PR	21MM	3
TFHMD21-S3	Sterile EXACTFlow ^H ™ Files	MD	21MM	3
TFHLG21-S3	Sterile EXACTFlow ^H ™ Files	LG	21MM	3
TFHSM25-S3	Sterile EXACTFlow ^H ™ Files	SM	25MM	3
TFHPR25-S3	Sterile EXACTFlow ^H ™ Files	PR	25MM	3
TFHMD25-S3	Sterile EXACTFlow ^H ™ Files	MD	25MM	3
TFHLG25-S3	Sterile EXACTFlow ^H ™ Files	LG	25MM	3
TFHSM31-S3	Sterile EXACTFlow ^H ™ Files	SM	31MM	3
TFHPR31-S3	Sterile EXACTFlow ^H ™ Files	PR	31MM	3
TFHMD31-S3	Sterile EXACTFlow ^H ™ Files	MD	31MM	3
TFHLG31-S3	Sterile EXACTFlow ^H ™ Files	LG	31MM	3

EXACTFlowTM Treatment Protocol

1. Start with a EXACTFlowTMH primary file (25/.07) in the presence of an irrigant. Use short 3 mm amplitude strokes in a gentle inward motion, to passively advance the file.
2. Irrigate, recapitulate with a K-File (10), irrigate.
3. Repeat in 3 mm increments until working length is reached.
4. It is important to withdraw the EXACTFlowTMH file every 3 mm to remove the debris and inspect its cutting flutes. Irrigate, recapitulate with a K-File (10) and irrigate again.

Shaping Technique Sequence



EXACTFlowTMH Shaping Files Technique

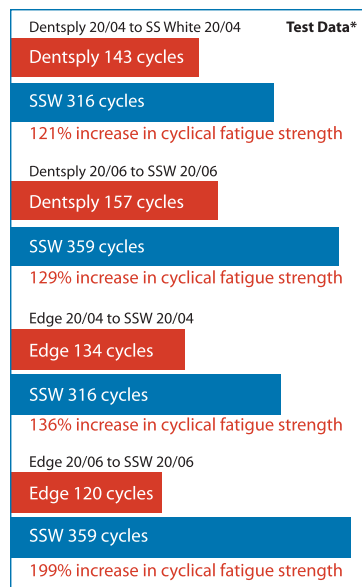
1. Establish straight-line coronal and radicular access.
2. In the presence of a viscous chelator, use a size 10 hand file to verify a glide path to length. In more restrictive canals, use a size 10 hand file in any region of a canal to create a glide path.
3. Expand this glide path to at least .15 mm using either a manual or dedicated mechanical file.
4. ALWAYS initiate the shaping procedure with the primary file (25/.07 red) in the presence of sodium hypochlorite.
5. Use gentle inward pressure and let the primary file passively progress through any region of the canal that has a confirmed glide path. After shaping 2-3 mm of any given canal, remove and clean the PRIMARY file, then irrigate, recapitulate with a size 10 hand file and re-irrigate.
6. Continue with the primary file, in 2-3 passes, to pre-enlarge the coronal two thirds of the canal.
7. Utilize a brushing motion on the outstroke to eliminate coronal interferences or to enhance shaping results in canals that exhibit irregular cross-sections.
8. In more restrictive canals, use a size 10 hand file, in the presence of viscous chelator, negotiate to the terminus of the canal. Gently work this file until it is completely loose at length.
9. Establish working length, confirm patency and verify the glide path.
10. Expand this glide path to at least .15 mm using a manual or mechanical glide path file.
11. Carry the primary file to the full working length in one or more passes. Upon reaching length, remove the file to avoid over-enlarging the foramen. Inspect the apical flutes; if they are loaded with dentinal debris, then the shape is finished *.
12. If the primary doesn't progress then use the small file (20/.07 yellow) in one or more passes to working length and then use the primary file to working length to optimize the shape.
13. When the shape is confirmed, proceed with 3-D disinfection protocols.

*If the primary file is loose at length with no dentinal debris in the apical flutes, continue shaping with medium file (35/.06 green) and/or large file (45/.05 white) until the apical flutes are loaded.

EXACTGUIDE™
ROTARY ENDODONTIC FILES

A Stronger and More Efficient Files Allows You to Stay on Schedule*

Greatly Reduce File Separation in Curved and Tight Canals

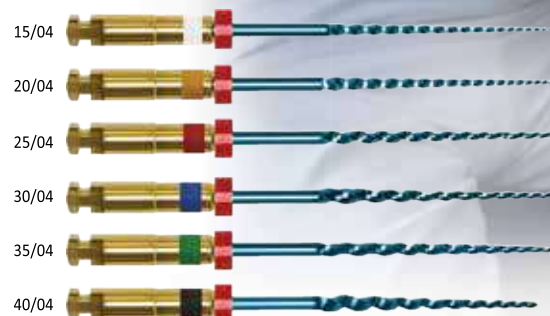


Cyclic fatigue is the leading cause of file separation. EXACTGuide™ rotary files offer a remarkable leap forward in resistance to cyclic fatigue.

The numbers say it all.

EXACTGuide™ Files allow you to shape root canals with greater confidence, increased efficiency while reducing stress. EXACTGuide™ Files are the newest standard in durability for shaping curved canals with confidence.

- No change in technique
- Conforms to the anatomical curvature of the canal
- Controlled memory -- more resistant to breakage
- Corresponding EXACTGuide™ gutta percha and paper points
- Available in ISO tip sizes from 15-50 and in .04 and .06 taper
- Made in the USA



Fully Compatible to Vortex Blue® Except for the High Price!

With increased torque strength and greater resistance to cyclical fatigue, EXACTGuide™ files navigate curved canals with ease while the unique design enhances tactile experience.



- Proprietary heat process enhances flexibility and shapes curved canals
- Increased torque strength for less chance of fracture
- Reduced shape memory prevents ledging and transportation.

ORDER #	DESCRIPTION	NAME	LENGTH	PK
TGH041521	EXACTGuide™	15/.04 White	21mm	4 PK
TGH041525	EXACTGuide™	15/.04 White	25mm	4 PK
TGH041530	EXACTGuide™	15/.04 White	30mm	4 PK
TGH042021	EXACTGuide™	20/.04 Yellow	21mm	4 PK
TGH042025	EXACTGuide™	20/.04 Yellow	25mm	4 PK
TGH042030	EXACTGuide™	20/.04 Yellow	30mm	4 PK
TGH042521	EXACTGuide™	25/.04 Red	21mm	4 PK
TGH042525	EXACTGuide™	25/.04 Red	25mm	4 PK
TGH042530	EXACTGuide™	25/.04 Red	30mm	4 PK
TGH043021	EXACTGuide™	30/.04 Blue	21mm	4 PK
TGH043025	EXACTGuide™	30/.04 Blue	25mm	4 PK
TGH043030	EXACTGuide™	30/.04 Blue	30mm	4 PK
TGH043521	EXACTGuide™	35/.04 Green	21mm	4 PK
TGH043525	EXACTGuide™	35/.04 Green	25mm	4 PK
TGH043530	EXACTGuide™	35/.04 Green	30mm	4 PK
TGH044021	EXACTGuide™	40/.04 Black	21mm	4 PK
TGH044025	EXACTGuide™	40/.04 Black	25mm	4 PK
TGH044030	EXACTGuide™	40/.04 Black	30mm	4 PK
TGH044521	EXACTGuide™	45/.04 White	21mm	4 PK
TGH044525	EXACTGuide™	45/.04 White	25mm	4 PK
TGH044530	EXACTGuide™	45/.04 White	30mm	4 PK
TGH045021	EXACTGuide™	50/.04 Yellow	21mm	4 PK
TGH045025	EXACTGuide™	50/.04 Yellow	25mm	4 PK
TGH045030	EXACTGuide™	50/.04 Yellow	30mm	4 PK
TGH04A25	EXACTGuide™	.04 Asstd (15-30)	25mm	4 PK

ORDER #	DESCRIPTION	NAME	LENGTH	PK
TGH061521	EXACTGuide™	15/.06 White	21mm	4 PK
TGH061525	EXACTGuide™	15/.06 White	25mm	4 PK
TGH061530	EXACTGuide™	15/.06 White	30mm	4 PK
TGH062021	EXACTGuide™	20/.06 Yellow	21mm	4 PK
TGH062025	EXACTGuide™	20/.06 Yellow	25mm	4 PK
TGH062030	EXACTGuide™	20/.06 Yellow	30mm	4 PK
TGH062521	EXACTGuide™	25/.06 Red	21mm	4 PK
TGH062525	EXACTGuide™	25/.06 Red	25mm	4 PK
TGH062530	EXACTGuide™	25/.06 Red	30mm	4 PK
TGH063021	EXACTGuide™	30/.06 Blue	21mm	4 PK
TGH063025	EXACTGuide™	30/.06 Blue	25mm	4 PK
TGH063030	EXACTGuide™	30/.06 Blue	30mm	4 PK
TGH063521	EXACTGuide™	35/.06 Green	21mm	4 PK
TGH063525	EXACTGuide™	35/.06 Green	25mm	4 PK
TGH063530	EXACTGuide™	35/.06 Green	30mm	4 PK
TGH064021	EXACTGuide™	40/.06 Black	21mm	4 PK
TGH064025	EXACTGuide™	40/.06 Black	25mm	4 PK
TGH064030	EXACTGuide™	40/.06 Black	30mm	4 PK
TGH064521	EXACTGuide™	45/.06 White	21mm	4 PK
TGH064525	EXACTGuide™	45/.06 White	25mm	4 PK
TGH064530	EXACTGuide™	45/.06 White	30mm	4 PK
TGH065021	EXACTGuide™	50/.06 Yellow	21mm	4 PK
TGH065025	EXACTGuide™	50/.06 Yellow	25mm	4 PK
TGH065030	EXACTGuide™	50/.06 Yellow	30mm	4 PK
TGH06A25	EXACTGuide™	.06 Asstd (15-30)	25mm	4 PK

EXACTGuide™ Treatment Protocol

Create Straight-Line Access

Establish working length and create a glide path for EXACTGuide™ rotary files to follow; Negotiate all root canals to their terminus with K-Files, in the presence of lubricant root canal conditioner. Establish patency by taking a #10 K-File past the canal terminus, and at least a #15 K-File to the terminus.

Shape Canal-Crown Down

Initiate Crown Down cleaning and shaping technique –

1. In small canals (mesials/buccals of molars, small premolars and lower anteriors) start with a 30/.04 rotary file. Take 30/.04 to resistance or working length (whichever occurs first). If resistance is encountered before working length is obtained, go to next smaller instrument following the same protocol until working length is achieved.



2. Between each rotary file recapitulate with a #10 or #15 tip hand file to maintain glide path and help irrigate (NaOCl) to the canal terminus.
3. In larger canals (palatal/distals of molars, larger premolars, upper anteriors) begin with a 40/.04 rotary file. Use the crown down technique to resistance or working length. If resistance is encountered before working length is achieved, move on to smaller sized instruments until working length is achieved. Between instruments, recapitulate with small hand instrument to maintain a glide path to working length

Technical Information

EXACTGuide™ .04 Taper Files

White	15/.04
Yellow	20/.04
Red	25/.04
Blue	30/.04
Green	35/.04
Black	40/.04
White	45/.04
Yellow	50/.04

EXACTGuide™ .06 Taper Files

White	15/.04
Yellow	20/.04
Red	25/.04
Blue	30/.04
Green	35/.04
Black	40/.04
White	45/.04
Yellow	50/.04

File Sterilization

· Files are non-sterile products. – Autoclave before use

· 136°C (plus or minus 2°C) for 20 minutes.

· EXACTGuide™ Files are single patient use devices

EXACTGuide™ Speed and Torque Recommendations

.04 Taper Files		
File Size	File Size Speed (rpm)	Torque (g-cm)
15/.04 & 20/.04	500	75
25/.04 & 30/.04	500	104
35/.04 & 40/.04 45/.04 & 50/.04	500	132
.06 Taper Files		
File Size	File Size Speed (rpm)	Torque (g-cm)
15/.06 & 20/.06	500	195
25/.06 & 30/.06	500	290
35/.06 & 40/.06 45/.06 & 50/.06	500	368

SS White® Procedural Kits

Kits provide a systematic approach to the rational selection of rotary instruments for each given procedure. Kits provide greater organization and efficiency within the dental office and ensure that the proper instrument to task is always available, allowing clinicians the ability to achieve optimal restorative results.



Comfortable Cavity Prep™ Kit A Comfortable Experience for Your Patients



Kit Contents:

- | | |
|-----------------------------------|---|
| (2) Fissurotomy® Bur-Original | (1) #8406 - 20 Blade Finishing Bur |
| (2) Fissurotomy® Bur-NTF | (1) #8901- 20 Blade Finishing Bur |
| (2) Fissurotomy® Bur-STF | (1) #329 |
| (2) Smartburs® II #4 | (1) #330 |
| (2) Smartburs® II #6 | (1) #169L |
| (2) Smartburs® II #8 | (1) #245 |
| (1) Great White® #2 | (1) Jazz® Supreme One-Step Polisher Flame |
| (1) #7901- 12 Blade Finishing Bur | (1) Jazz® Supreme One-Step Polisher Cup |
| (1) #7406- 12 Blade Finishing Bur | |

The SS White® Comfortable Cavity Preparation Kit features patented rotary instruments exclusively designed to provide a less invasive and more comfortable caries preparation experiences. It also supplies task specific SS White® rotary instruments to optimize clinical efficiency.

Kit Reorder No. 16384

Minimally Invasive Preparation – Finishing & Polishing Kit



Kit Contents:

- | | |
|------------|-------------------------------|
| (1) SE3-10 | (1) FG 7379 |
| (1) SE3-20 | (1) FG 8379 |
| (1) SE6-10 | (1) FG 7274 |
| (1) SE6-20 | (1) FG 8274 |
| (1) SE9-10 | (1) Jazz™ Supreme Cup |
| (1)-SE9-20 | (1) Jazz™ Supreme Large Flame |

When conservative procedures matter, this kit contains rotary instruments suited for minimally invasive preparation, finishing and polishing. Three different Fissurotomy Burs aid in the identification and treatment of hidden caries. Also included is an excellent selection of 12 and 20 blade Finishing Burs, including the new anatomically designed FOA1 and Jazz™ Supreme One-Step Composite Polishers.

Kit Reorder No. 18130

Fissurotomy® Kit



Kit Contents:

- (3) Original Fissurotomy® Burs
- (3) Fissurotomy® Micro NTF Burs
- (3) Fissurotomy® Micro STF Burs
- (1) Finishing Bur #7901
- (1) Finishing Bur #7406
- (1) Autoclavable Bur Block

Fissurotomy® instruments allow early diagnosis, conservative preparation and treatment of hidden fissure caries, often without the use of anesthesia. Developed in collaboration with Temple University, the Fissurotomy® bur head shape allows conservative exploration of fissures with a patient-friendly technique that is virtually pain-free and creates an ideal cavity form. **Kit Reorder No. 18007**

Complete Restoration Removal Kit



Kit Contents:

- (1) Great White® #1
- (1) Great White® #2
- (1) Revelation® Diamond 801-014C
- (1) Revelation® Diamond 801-018C

- (1) Revelation® Diamond 856-016C
- (1) Great White® Z 801-018
- (1) Great White® Z 856-018

Doctors who previously used 2 or 3 carbides to remove crowns reported using one GW to remove 2-3 crowns. The faster cutting rate is experienced in amalgam, PFM and all non-precious metals which doctors indicated saves them 12 hours a year.

Kit Reorder No. 18180

Great White® Z Introductory Kit



Kit Contents:

- (1) Great White® Z #GWZ 856-018
- (1) Great White® Z #GWZ 801-014
- (1) Great White® Z #GWZ 801-018
- (1) Great White® Z #GWZ 379-023

Clinicians reported Great White® Z Diamonds create endodontic access in 1 minute through zirconia. On average, clinicians who access 300 crowns that contain zirconia copings will save 45 hours of chairtime.

Kit Reorder No. 18160

Great White Ultra Crown and Bridge Preparation Kit



Kit Contents:

- (2) Great White® Ultra #856-016
- (2) Great White® Ultra #856-018
- (2) Great White® Ultra #856-020
- (1) Great White® Ultra #379-023
- (2) Great White® Ultra #847-016
- (2) Great White® Ultra #847-018

Great White® Ultra Burs cut 11.5% to 35.3% faster than all major diamond competitors, saving a dentist between 1.15 minute to 3.53 minutes when cutting a 10 minute crown preparation.

Kit Reorder No. 18150

CAD/CAM Preparation & Finishing Kit



Kit Contents:

- (1) Great White Depth Cutter 1
- (1) Great White Depth Cutter 2
- (1) FG #169
- (1) Finishing Bur #7675
- (1) Great White® Ultra #379-023

- (1) Great White® Ultra #856-016S
- (1) Piranha Diamond #881-016
- (1) Jazz® Polisher Fine Flame P3S
- (1) Jazz® Polisher Med Flame P3S
- (1) Jazz® Polisher Coarse Flame P3S

Add efficiency and organization to CAD/CAM preparations with a streamlined selection of rotary instruments for milled ceramic crowns, inlays and partial coverage restorations. Featuring the innovative SS White® Great White® 1.5mm & 2mm depth cutter along with selected carbide burs, diamond instruments and Jazz® Polishers, organized in an autoclavable metal bur block.

Kit Reorder No. 64502

Inlay/Onlay Kit



Kit Contents:

- (1) Piranha® Diamond 852-012VF
- (1) Piranha® Diamond 859-014VF
- (1) Piranha® Diamond 10839-012
- (1) Safe End 20 Blade SE6-20
- (1) Piranha® Diamond 379-018F

- (1) Trimming and Finishing #7404
- (1) Taper Round End Plain #1170L
- (1) Great White® Ultra 845KR-016
- (1) Great White® Ultra 845KR-018
- (1) Great White® Ultra 845KR-025

The SS White Inlay/Onlay Kit provide you with: Four preparation instruments, two occlusal adjustment / finishing burs and four margin/interproximal shaping instruments. The kit contains a selection of ten preparation diamonds and carbide burs housed within an autoclavable bur block.

Kit Reorder No. 18048

Carbide Trimming and Finishing Kit



Kit Contents:

- | | |
|-----------|----------|
| (1) CFT 1 | (1) 7406 |
| (1) CFT 3 | (1) 9406 |
| (1) 7901 | (1) 9642 |
| (1) 7379 | (1) 9903 |

A convenient selection of SS White® 12 and 30 blade trimming and finishing burs designed to trim, contour and pre-polish anterior and posterior composite resin materials.

Final polishing can best be accomplished using the Jazz® Supreme single-step polishers (not included in kit).

Kit Reorder No. 15080

Complete Composite Finishing and Polishing Kit



Kit Contents:

- | | |
|------------|-------------------------------|
| (1) SE3-10 | (1) FG 7379 |
| (1) SE3-20 | (1) FG 8379 |
| (1) SE6-10 | (1) FG 7274 |
| (1) SE6-20 | (1) FG 8274 |
| (1) SE9-10 | (1) Jazz™ Supreme Cup |
| (1) SE9-20 | (1) Jazz™ Supreme Large Flame |

A convenient selection of SS White® trimming and finishing burs and one-step polishers specifically designed to trim, contour and pre-polish anterior and posterior composite resin materials using SS White® Safe End and regular Trimming and Finishing Burs. Final polishing is accomplished with Jazz® Supreme single-step polishers.

Kit Reorder No. 18220

Safe End Finishing Bur Kit



Kit Contents:

- | | |
|------------|------------|
| (1) SE3-10 | (1) SE3-20 |
| (1) SE4-10 | (1) SE4-20 |
| (1) SE6-10 | (1) SE6-20 |
| (1) SE8-10 | (1) SE8-20 |
| (1) SE9-10 | (1) SE9-20 |

The SS White® Safe End Series of carbide multi-bladed finishing instruments is one of the most advanced and complete aesthetic finishing systems available, featuring an efficient two-step approach to finishing in one convenient kit. The Safe End on each instrument is non-cutting, to help deter inadvertent damage to gingival tissue, epithelial attachments, and tooth structure.

Kit Reorder No. 16051

Reliant™ Orthodontic Finishing Kit



Kit Contents:

- | |
|---|
| (1) 118L-18 Blade Carbide Finishing Bur |
| (1) 118S-18 Blade Carbide Finishing Bur |
| (1) 218-18 Blade Carbide Finishing Bur |
| (1) 815SL-18 Blade Finishing Bur |
| (1) 129- Diamond (868-018EF) |
| (1) Jazz Polisher Universal Flame |

The Reliant™ Orthodontic Finishing Kit adds precision and organization to orthodontic adhesive removal (debonding) and finishing procedures with a streamlined selection of rotary instruments including the exclusive 18 blade 118S, 118L and 218 carbide burs. **Kit Reorder No. 15084**



Jazz® Polishers Supreme Composite 1-Step Universal Polishing System



Kit Includes:

- (1) Universal Flame
- (1) Universal Knife Edge
- (1) Universal Cup
- (1) Universal Small Flame

Single-step composite polishing system saves time. Features breakthrough technology to produce the highest shine possible. Jazz® Supreme eliminates the need for multiple polishing systems. Compatible with all direct esthetic restorative materials. Jazz® Supreme Polishers are re-usable and autoclavable for multi-patient use. **Kit Reorder No. 89035**

Jazz® Polishers C2S Composite 2-Step Polishing System



Kit Contents:

- | | |
|------------------------|---------------------|
| (1) Medium Flame | (1) Fine Flame |
| (1) Medium Knife Edge | (1) Fine Knife Edge |
| (1) Medium Cup | (1) Fine Cup |
| (1) Medium Small Flame | (1) Fine Small Cup |

When you need one polishing system compatible with all direct esthetic restorative materials, Jazz 2-Step polishers eliminate the need for multiple polishing systems. Polisher shapes are available in two grits to sequentially reduce, smooth and create a high luster. Re-usable and autoclavable for multi-patient-use. **Kit Reorder No. 89030**

Jazz P3S Porcelain & Metal Polishing Kit



Kit Contents:

- | | |
|------------------------|------------------------|
| (1) Coarse Flame | (1) Medium Knife Edge |
| (1) Coarse Cup | (1) Medium Small Flame |
| (1) Coarse Knife Edge | (1) Fine Flame |
| (1) Coarse Small Flame | (1) Fine Cup |
| (1) Medium Flame | (1) Fine Knife Edge |
| (1) Medium Cup | (1) Fine Small Flame |

Use the Jazz 3-step porcelain and metal polishing system to adjust, smooth and polish your indirect porcelain and metal restorations to restore or enhance original luster. Diamond impregnated polishers achieve brilliant results on porcelain and metal restorations. Specially formulated rubber matrix allows for an excellent polish with minimal pressure. **Kit Reorder No. 89016**

Surgical Procedure Kit



Kit Contents:

- (1) 557 (1) 1701
- (1) Round 6 (1) 1702
- (1) Round 8

This special set of SS White® surgical length carbide burs includes the most popular surgical length carbides and simplifies common surgical procedures including sectioning teeth for extractions, cutting bone and creating proper endodontic access.

Kit Reorder No. 18170

EndoGuide® Anterior Bicuspid Kit For Endodontic Access and Exploration



Kit Contents:

- (1) EndoGuide® EG1A
- (1) EndoGuide® EG1
- (1) EndoGuide® EG2
- (1) EndoGuide® EG3
- (1) Great White® #2
- (1) Great White® Z 856-018
- (1) Great White® Z 801-018

To locate and access single root canals in anterior and bicuspid teeth, the EndoGuide® Anterior/Bicuspid Kit features an autoclavable bur block and contains all instrumentation to create endodontic access through metal, porcelain, zirconia and tooth structure. **Kit Reorder No. 18052**

EndoGuide® Molar Kit For Endodontic Exploration in Molars



Kit Contents:

- (1) EndoGuide® EG1
- (1) EndoGuide® EG2
- (1) EndoGuide® EG3
- (1) EndoGuide® EG4
- (1) EndoGuide® EG5
- (1) EndoGuide® EG6
- (1) EndoGuide® EG7

To increase visibility, control and efficiency during endodontic exploration in molars, the EndoGuide® Molar Kit features an autoclavable bur block with seven EndoGuide® instruments for de-roofing, locating hidden canals, enlarging deep orifices, navigating deeply calcified canals and troughing between canals. **Kit Reorder No. 18051**

Express Line Metal Lab Kit



Kit Contents:

- (1) EL1
- (1) EL2
- (1) EL3
- (1) EL4
- (1) EL5
- (1) FG7006

The Express Line High Speed Metal Finishing Burs are designed to substantially decrease metal finishing time and help reduce the physical stress in the process. The kit features six Express Line Metal Finishing Burs. **Kit Reorder No. 16100**

SS White® Universal Bur Blocks

A More Organized Approach to Dentistry

Each Universal Block can be autoclaved and can accommodate a full range of shank lengths including surgical length and short shank instruments. SS White® has teamed up with dental clinicians like yourself to organize the tools that inspire dental masterpieces everyday.

Our innovative rotary instrument cabinets and universal bur blocks help improve chair side efficiency and inventory control. With the right rotary instruments at your fingertips you can focus your talent on the dental masterpiece at hand.



Item #16410
Blue



Item #16411
Bordeaux

- 3 Popular Color Selections
- Autoclavable
- Use with Diamonds, Carbides & Polishers
- Minimizes Damage to Instruments
- Ideal Organization



Item #16415
Black

Bur Accessories

Bur Blocks & Brushes



Wire
Cleaning Brush
(Autoclavable)
#26040



FG
Thermo Block
(Autoclavable)
#16392



HP/RA
Thermo Block
(Autoclavable)
#16407



Universal
Aluminum Block
(Autoclavable)
#16391

Shank Types

FG (Friction Grip)

Shank Diameter
.0630" 1.60mm
Overall Length
.748" 19.0mm



Friction grip burs are used in high speed hand pieces. In most offices, they are the main operative burs.

SS (FG Short Shank)

Shank Diameter
.0630" 1.60mm
Overall Length
.670" 17.0mm



Short shanks are used for greater access in the posterior region - particularly when patients do not have the ability to open their mouths wide enough.

FG SL (FG Surgical Length)

Shank Diameter
.0630" 1.60mm
Overall Length
.984" 25.0mm



Surgical length burs are used when greater length and visibility are required. They are ideal for extraction and root canal procedures.

RA (Right Angle)

Shank Diameter
.0925" 2.35mm
Overall Length
.886" 22.5mm



Right angle burs, used in slow speed hand pieces, allow for greater control and feel when cutting enamel or dentin.

RA SL (Right Angle Surgical Length)

Shank Diameter
.0925" 2.35mm
Overall Length
1.024" 26.0mm



HP (Hand Piece)

Shank Diameter
.0925" 2.35mm
Overall Length
1.752" 44.5mm



Hand piece burs are used in dental laboratories as well as in extraction procedures where greater access is required.

Carbide Burs - Maximum Head Diameters in Millimeters & Inches

Bur #	MM	Inch	Bur #	MM	Inch	Bur #	MM	Inch	Bur #	MM	Inch	Bur#	MM	Inch
1/4	.51	.20	1P	.79	.031	34	.9	0.31	59	1.40	.055	1558	1.19	.047
1/2	.61	.024	2P	.99	.039	35	.99	.039	556	.79	.031	558L	1.19	.047
1	.79	.03	4P	1.40	.0551	36	1.19	0.47	1156	.79	.031	559	1.40	.055
2	.99	.039	329	.61	.024	37	1.40	.055	1556	.79	.031	560	1.60	.063
3	1.19	.047	330	.79	.031	37L	1.40	.055	556L	.79	.031	956	.79	.031
4	1.40	.055	331	.99	.039	38	1.60	.063	557	.99	.039	957	.99	.039
5	1.60	.063	331L	.99	.039	39	.071	1.80	1157	.99	.039	244	.69	.027
6	1.80	.071	332	1.19	.047	56	.79	.031	1557	.99	.039	245	.89	.035
7	2.11	.083	332L	1.19	.047	57	.99	.039	557L	.99	.039	246	1.09	.043
8	2.1	.091	14	1.19	.047	57L	.99	.39	558	1.19	.047	256	.81	.032
1/2P	.61	.024	33 1/2	.61	.024	58	1.19	.047	1158	1.19	.047	257	1.09	.043
												271	1.40	.055

Taper Fissure Carbide Burs - Tip Maximum Head Diameters in Millimeters & Inches

Bur #	Tip Diameter MM	Inch	Max Diameter MM	Inch	Bur #	Tip Diameter MM	Inch	Max Diameter MM	Inch	Bur #	Tip Diameter MM	Inch	Max Diameter MM	Inch
169	.46	.018	.89	.035	699	.46	.018	.89	.035	702	1.12	.044	1.60	.063
169L	.46	.018	.89	.035	700	.56	.022	.99	.039	703	1.55	.061	2.06	.081
170	.56	.022	.99	.039	700L	.56	.022	.99	0.39	1170	.64	.025	.99	.039
170L	.56	.022	.99	.039	701	.76	.030	1.19	.047	1171	.81	.032	1.19	.047
171	.76	.030	1.19	.047	701L	.76	.030	1.19	.047					

Storage and Sterilization

Instructions for Use

Storage and Shelf Life of Pre-Sterilized Products

50°C (122°F Max). See package for expiration.

Cleaning and Sterilizing SS White Dental, Inc. Rotary Dental Instruments

The intention of these instructions is to provide guidelines for the sterilization of rotary dental instruments.

Unless otherwise indicated, all instruments are supplied clean but not sterile. It is the user's responsibility to sterilize instruments before the first use and if applicable, before each additional use. Instruments indicated as non-sterile single use should be processed following these guidelines before the initial use only and then properly discarded.

Warnings:

Used rotary instruments should be considered contaminated and shall be handled following appropriate precautions and guidelines. Personal protective equipment (PPE) including gloves, mask, and eye protection should be worn. Further controls may be required if specific patient risks are present.

Cleaning:

Automatic Cleaning is the recommended method for pre-sterilization cleaning. Follow the machine manufacturer's recommended method while utilizing approved agents for the cleaning of rotary dental instruments. If there is an excessive delay between use and cleaning, manual cleaning may be required. In the case that automatic cleaning is not available, rotary dental instruments may be cleaned manually. Manually brush debris from instruments under running water with a wire brush and approved cleaning agent. PPE should be worn and care taken to avoid spreading contaminants during the brushing process. After cleaning, dry instruments with paper towel or dry heat not exceeding 140°C. Inspect and properly discard any instruments with signs of excessive wear, damage or corrosion.

Sterilization:

Saturated steam under pressure (autoclave) is the recommended method of sterilization for rotary dental instruments. The recommended cycle is 20 to 30 minutes at 121°C (250°F) at 15 to 30 psi. For faster processing a rapid cycle of 3 to 10 minutes at 135°C (275°F) at 25 to 30 psi is also acceptable. Operation of the autoclave should follow the manufacturer's recommended methods and materials.

Storage:

After sterilization, store instruments in a dry, clean, and ambient temperature environment.

Validation:

These processes have been validated on SS White Dental rotary dental instruments. Following these instructions along with the instructions of the equipment utilized remains the responsibility of the user. Proper steps should be taken to ensure all equipment is operating safely and properly in accordance with manufacturer's guidelines. Any deviation from these guidelines may require subsequent validation and monitoring for effectiveness and potential risks. Results are maintained by SS White Dental, Inc.



SmartcordX



 Manufacturer
EASTDENT

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Mail : eastdent@east-dent.com

Web : www.east-dent.com

Make It SMART
EASTDENT

Smartcord

Smartcord™ gingival retraction cord is a non-impregnated knitted cord made from 100% cotton and used for tissue displacement and management prior to taking an impression.

Smartcord™ is ideal to use in combination with RapidStat™ hemostatic agent. The knitted cord contains numerous interlocking chains that carry greater quantities of hemostatic solution compared to twisted or braided cord.

100% Cotton

Smartcord™ is made of 100% cotton, which is safe and makes moisture control effective without gingival irritation.

Knitted retraction cord

Smartcord™ is available in a specially knitted type cord made of the finest 100% cotton, which has better absorbency and expansion than the braided or twisted types.

No Fluorescent Whitening Agent

Smartcord™ is dyed with hydrophilic dye without fluorescent whitening agents, which makes it safe to use without any side effects.

Extended length

120inch / 305cm, over 20% longer

Options

Smartcord™ is available in 5 diameters identified by different colors.



Smartcord[™]X



AlCl₃-6(H₂O)

Smartcord X[™] is a knitted retraction cord, made of 100% cotton, impregnated with Aluminum Chloride Hexahydrate 1.2 ± 0.8 mg per inch of cord.

Smartcord X[™] contains no epinephrine. The use of vasoconstrictors for gingival retractions and hemostasis is potentially dangerous and should be avoided.

So, Smartcord X[™] is very effective in the temporary gingival retraction and hemostasis without causing any cardiovascular problems.

Smartcord X[™] is colour coded for easy distinction of sizes and to contrast well with the gingiva.



SmartcordX 0⁴

THE FINEST RETRACTION CORD



EAST DENT
www.east-dent.com

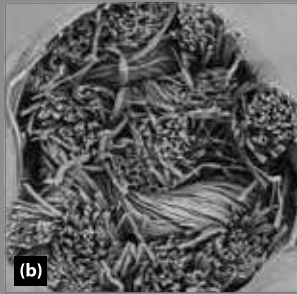
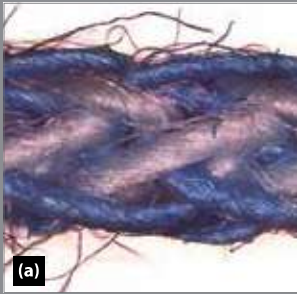


Photo magnified X50 and Cross-sectional view magnified X250 of Smartcord™

- (a) The photo of the figure magnified X50 shows the structure of a knitted form. This structure allows more resiliency and elasticity than a twisted or braided form.
- (b) The cross-sectional view of the figure magnified X250 shows plenty of voids among the fibril, which allow space to absorb blood, crevicular fluid and hemostatic agents.



U product



Smartcord™

Comparison of photos between Smartcord™ and the retraction cord of "U" company under a UV lamp.

The retraction cord of "U" company shows an illuminated surface . This means fluorescent whitening agents are included.

But, in Smartcord™, there is no change, because Smartcord™ is dyed with hydrophilic dye that does not contain with fluorescent whitening agents. This makes the use safe and decreases the chances of side effects in the clinic.



U product



Smartcord™

Comparison of the methods of winded retraction cords between a Smartcord case and that of "U" company.

In the inner view of the retraction cord case, the retraction cord of "U" company is winded in freely without a bobbin. In this case, the retraction cord is sometimes tangled by itself in the case, therefore the user must open the cap and make effort to solve it. It is very very inconvenient and contaminations may occur.

On the other hand, Smartcord™ has a bobbin in the case which the gingival retraction cord is spooled on, helping it stay tangle free. This provides fast and convenient use, and decreases the chances of contamination.



BobbinInside™



ClearWindow™



EasyCut™

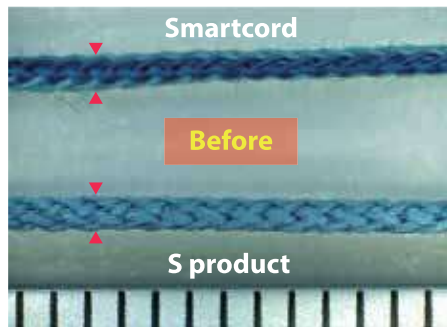


SmartRuler™

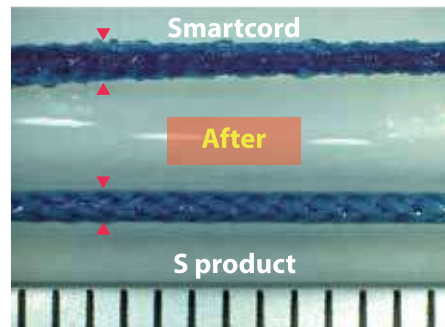
More Econocially, Conveniently and Safely
Smartcord™

Product	Length	Optical Brightener	BobbinInside	ClearWindow	EasyCut	SmatRuler	Vasoconstrictor
U Product	96 inch / 244 cm	O	X	X	O	O	O
Smartcord X™	100 inch / 254 cm	X	O	O	O Zirconia blade	O	X AlCl₃-6(H₂O)

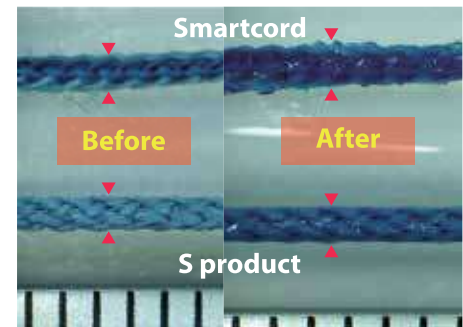
Most Improved Retraction Cords *proved by Expansion Test 1*



(a)



(b)

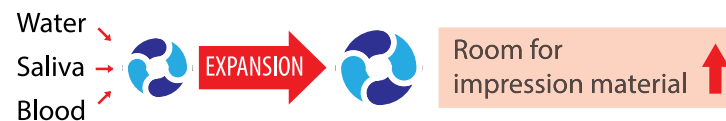


(c)

Comparison test of the expansion between Smartcord and S product

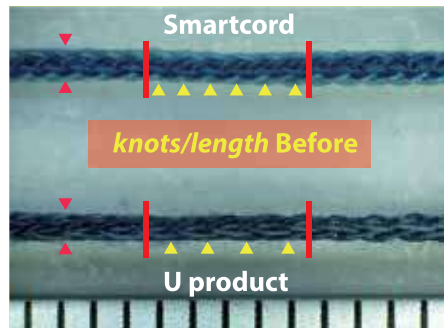
The pictures above are for the comparison of expansion before and after the resorption test between Smartcord and S product. S product is rarely expanded while Smartcord is notably expanded. This result seems because of the different knitting method and the original material: Smartcord - cotton 100% vs S product- nylon.

Retraction cords are expanded when contacting with saliva, blood, water and etc. inside the gingival sulcus. As is well known, therefore, securing room for impression materials is one of the most important functions of retraction cords.

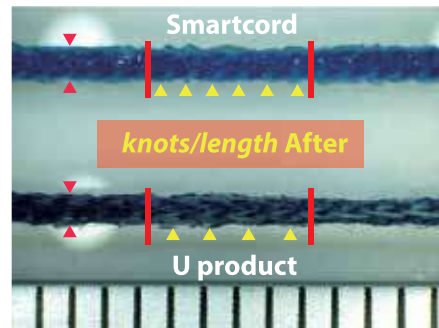


<https://youtu.be/7oACAr9BRrg>

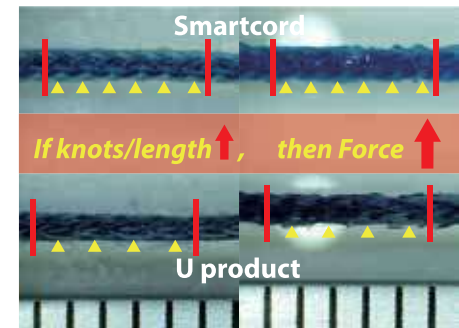
Most Improved Retraction Cords *proved by Expansion Test 2*



(a)



(b)



(c)

Comparison test of the expansion between Smartcord and U product

The pictures above are for the comparison of expansion before and after the resorption test between Smartcord and U product. Smartcord is expanded more than U product after the resorption test.

Moreover, the number of knots per unit length of Smartcord is a lot more than those of U product. This generates better results in securing room by causing remarkable retraction force when retraction cords are located inside the gingival sulcus.



<https://youtu.be/LgN8-Gfh3Ak>

Hemostasis Test of **Smartcord X** in Protein Solution

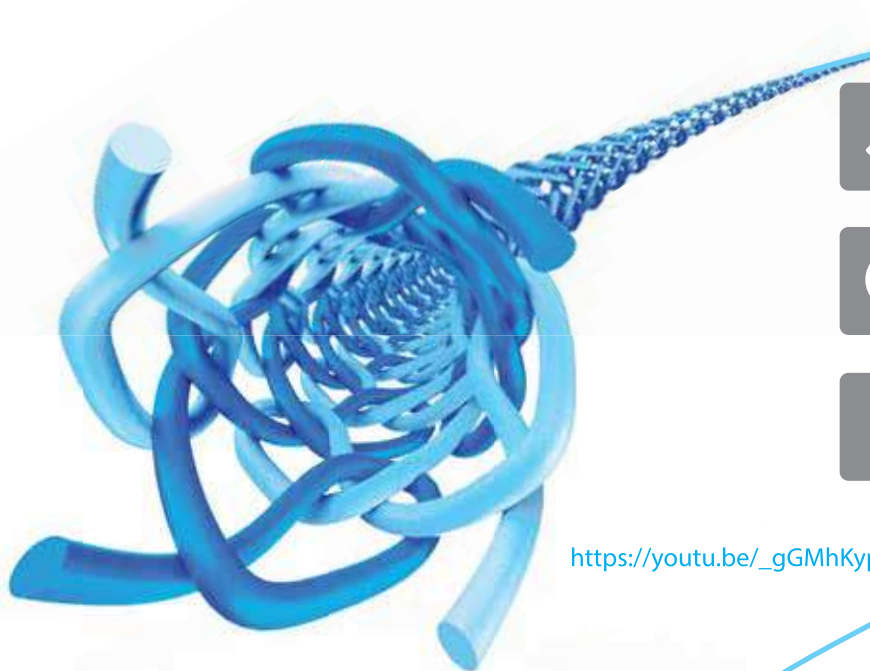


The picture above shows the result of the hemostasis test of *Smartcord X* in protein solution. It observes protein aggregation in the solution near the *Smartcord X* after two minutes. In fact, aluminum chloride exerts its hemostatic effect through a chemical reaction with blood proteins, and this property makes aluminum chloride a very efficient hemostatic agent.^{1, 2, 3}

Smartcord X is a knitted retraction cord, made of 100% cotton, impregnated with aluminum chloride hexahydrate 1.2 ± 0.8 mg per inch of cord containing no epinephrine. Therefore, *Smartcord X* is very effective in temporary gingival retraction and hemostasis without causing any cardiovascular problems.

<https://youtu.be/urnTZboKsWE>

- 1 Saeed Nouri, Mohammad Reza Sharif, Yunes Panahi, Mostafa Ghanei, Bardia Jamali. Efficacy and Safety of Aluminum Chloride in Controlling External Hemorrhage: An Animal Model Study. Iran Red Crescent Med J. 2015 Mar; 17(3)
- 2 Nouri S, Sharif MR, Tabatabaei F, Farokhi S. Investigating the effect of zinc chloride to control external bleeding in rats. Nurs Midwifery Stud. 2014;3(3)
- 3 Shen YH, Dempsey BA. Synthesis and speciation of polyaluminum chloride for water treatment. Environ Int. 1998;24(8):899–910



SmartRuler™

Smartcord X has a ruler designed on the label, letting you measure the required length simple and accurate.



ClearWindow™

Smartcord X has a small window that makes checking the remaining length of the gingival cord easy.



AlCl₃-6(H₂O)

Smartcord X is impregnated with Aluminum Chloride Hexahydrate 1.2 ± 0.8 mg per inch of cord. So, Smartcord X is very effective in the temporary gingival retraction and hemostasis without causing any cardiovascular problems.

https://youtu.be/_gGMhKypn3w



BobbinInside™

Smartcord X has a bobbin in the case, which the gingival retraction cord is spooled on, helping it stay tangle free. This provides convenience and swiftness in use and decreases the chances of contamination.



EasyCut™

Smartcord X comes with a cutting blade in the case, so the cord can be easily cut, keeping it hygienic. It is convenient and also decreases the chances of contamination.

SUPERTract

Retraction Paste with Astringent agent

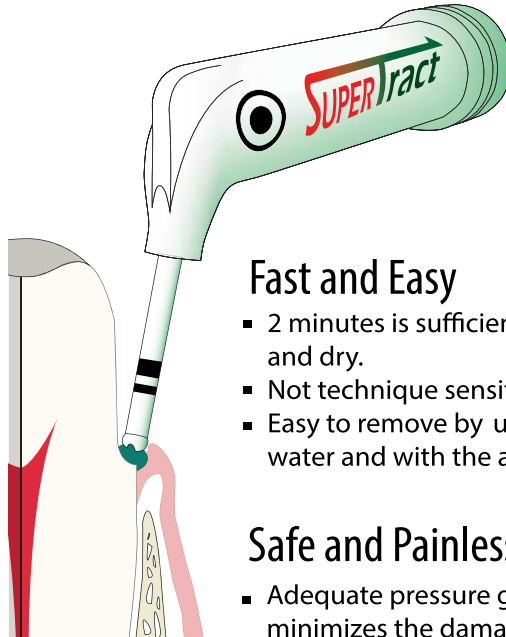


Capsule contains
Aluminum Chloride
& Kaolin

E. ST DENT

Highest Efficiency

- The ball tip of Supertract supplies sufficient room for retraction paste without damage in the sulcus.
- By using Push ball, paste can be used until the last drop.
- Supertract contains sufficient material for up to 5 teeth, but may not be used on more than one patient.
- Adequate viscosity of Supertract lets sulcus open effectively.
- Supertract contains Aluminum Chloride and Kaolin, so it helps hemostasis successfully.



Fast and Easy

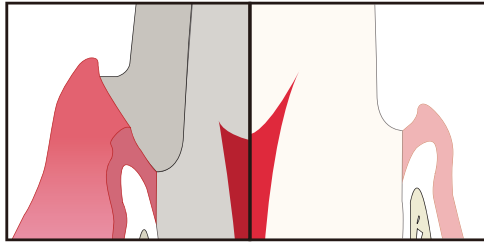
- 2 minutes is sufficient for sulcus open, clean and dry.
- Not technique sensitive.
- Easy to remove by using a mixture of air and water and with the aid of a suction device.

Safe and Painless

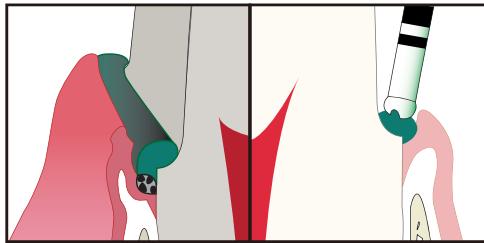
- Adequate pressure generated by Supertract minimizes the damage of tissue attachment and alveolar bone, and at the same time, cause effective sulcus open.
- No additional anesthesia, so increased patient comfort.

Multipurpose Indication

- Supertract is indicated for temporary displacement of the gingiva and/or drying the gingival sulcus during clinical procedures such as:
 - Taking impressions, either with impression material or as digital impression.
 - Cementation of temporary and permanent restorations.
 - Preparation of Class II and V fillings.
 - CAD-CAM scan

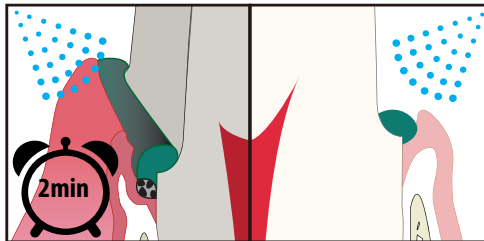


Rinse and air dry prepared tooth.



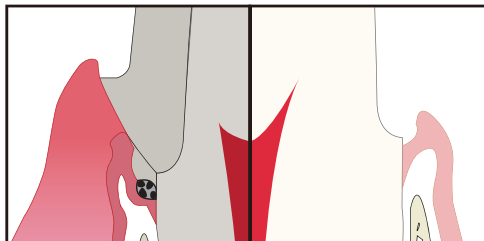
Extrude Supertract slowly into the sulcus, until sulcus is slightly overfilled with material.

Supertract can be used as an alternative to or in combination with retraction cords or other retraction methods.



Allow Supertract to remain in the sulcus for 2 minutes.

After gingival displacement and drying has been achieved, remove Supertract completely from the sulcus, using a mixture of air and water and with the aid of a suction device.



Examine treatment site to verify complete removal of the Supertract prior to next clinical procedure.



peakosil

Impression Materials



 **neosil**
NEOSIL CO., LTD.

*“We will be a **PROFESSIONAL IMPRESSION MATERIAL MANUFACTURER**
Whose **highest priority is customer satisfaction**
with global level of competence.”*

Neosil Corporation is a specialized company producing dental impression material.

And as a result of the continuous development of technologies

for domestic market distribution since 2005, we had achieved the product standardization and built good reputation for years.

We furthermore, have exported our products to over 40 countries.

In order to deal with the ever-changing market,

we are doing our best with our accumulated technical skills to tailor our products to customer's various needs,

and we will eventually be a pioneering company as an impression material brand by diversifying our products.

Based on stable internal management and customer trust,

we will repay your expectation and support with the best technology and quality

in order to produce values that will satisfy both the company and the customers.

Certifications

Medical device registration: FDA(USA). CE(Europe), GOST-R(Russia)...etc.

Quality management certification: ISO 13485 & GMP



PEAKOSIL Dental Impression Materials

Regular Set Impression Materials(Regular Setting Time)



peakosil Heavy Body Regular Set

Heavy bodied dental impression material, which is generally for the usage to support light body. Type1(ISO4823) | High consistency



peakosil Monophase Regular Set

Medium bodied dental impression material, which is used for "Single-step Technique" with one consistency.

It can be used like both Light Body & Heavy Body. Type2(ISO4823) | Medium consistency



peakosil Light Body Regular Set

Light bodied dental impression material for acquiring more detailed impression. Type3(ISO4823) | Low consistency



peakosil One-Time Putty

Disposable small Putty Plus with one-click caps. Patented design.



peakosil Putty Plus

Dentail impression material to be mixed with bare hands. Type0(ISO4823) | Very high consistency

Fast Set Impression Materials (Fast Setting Time)



peakosil Heavy Body Fast Set

Fast set heavy bodied dental impression material, which is generally for the usage to support light body. Type 1(ISO4823) High consistency



peakosil Light Body Fast Set

Fast set light bodied dental impression material for acquiring more detailed impression. Type3(ISO4823) Low consistency

Bite Registration Materials



peakosil peakosil Bite Regular Set

Dental product for bite registration with regular setting time



peakosil Bite Fast Set

Dental product for bite registration with fast setting time



“Very reliable, Easy to use.”

PEAKOSIL is one of the most preferred dental impression material brand in Korea. NEOSIL has been given steadfast trust from its clients. It's the result of the continuous development of technologies for production of impression material since 2005.



PEAKOSIL is...

1. Stable quality management beloved by clients since 2005
2. More perfect quality management leaded by factory automation
3. Products are registered on FDA, CE, CFDA and have ISO 13485 GMP quality management certification.
4. Products made by professionalized manufacturer which have original technologies. Not OEM or reselling.

■ ■ PEAKOSIL Heavy Body Regular Set



Features

- Smooth mixing and easy injection reduce fatigue for the user.
- Free of taste and scent. Does not cause feeling of irritation to patient.
- High elasticity enables easy removal
- After hardened, its proper hardness minimizes negative deformation
- It does not slide from the tray
- High affinity with plaster enables detailed modeling.
- Compatibility with products of other manufacturers is excellent.



Packaging

- Cartridge type : 50ml = 25ml Base + 25ml Catalyst / 1 Unit
4 Unit / 1 Box

Technical data

Working time	≥ 40 sec.
Setting time	≤ 4 min.
Hardness	Shore A 68
Color	Violet
Consistency	Type1(High)



■ PEAKOSIL Monophase Regular Set



Features

- High hydrophilicity and ideal flow, enable to realize precise impression with every detail.
- Compatibility with products of the other manufacturers, is excellent.
- After hardened, its proper hardness minimizes negative deformation.
- Smooth mixing & easy injection reduce fatigue of its user.
- Suggested to be used for monophase technique(Single-step/2-step)



Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
- 4 Unit / 1 Box

Technical data

Working time	≥ 30 sec.
Setting time	≤ 4 min.
Hardness	Shore A 62
Color	Green
Consistency	Type2(Medium)

■ PEAKOSIL Bite Regular Set



Features

- Shore A 93 hardness minimizes negative deformation
- Easy to apply
- Patient does not feel any irritation so it's easy to acquire precise bite registration at once
- Easy to be processed with mess or bur during trimming
- Similar quality to top brand products but moderate price



Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
4 Unit / 1 Box

Technical data

Working time	≥ 30 sec.
Setting time	≤ 90 sec.
Hardness	Shore A 93
Color	Red



■ ■ PEAKOSIL Bite Fast Set



Features

- Shore A 89 hardness minimizes negative deformation
- Easy to apply
- Patient does not feel any irritation so it's easy to acquire precise bite registration at once
- Easy to be processed with mess or bur during trimming
- Similar quality to top brand products but moderate price



Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
4 Unit / 1 Box

Technical data

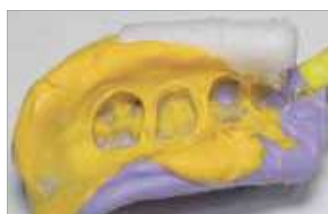
Working time	≥ 20 sec.
Setting time	≤ 1 min.
Hardness	Shore A 89
Color	Blue

■ ■ PEAKOSIL Light Body Regular Set



Features

- Appropriate thixotropy. Smooth but does not flow down being applied on upper tooth
- Because of high hydrophilicity and ideal flow, able to realize details for precise impression
- High elasticity and resistance for tearing guarantees safety from negative deformation
- High affinity with plaster enables detailed modeling.
- Compatibility with products of other manufacturers is excellent.



Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
- 4 Unit / 1 Box

Technical data

Working time	≥ 40 sec.
Setting time	≤ 4 min.
Hardness	Shore A 52
Color	Yellow
Consistency	Type3(Low)



■ PEAKOSIL Putty Plus



Features

- Not sticky. Its viscosity is suitable for mixing it with bare hands
- Patient does not feel any repulsion because it has no taste and odor
- After hardened, very hard to minimize negative deformation during impression
- High affinity with plaster enables detailed modeling.
- Oil does not ooze during mixing with bare hands. Dissimilar to putties of other manufacturers



Packaging

- 560ml = 280ml Base + 280ml Catalyst / 1 Set

Technical data

Working time	≥ 40 sec.
Setting time	≤ 4 min.
Hardness	Shore A 71
Color	Blue
Consistency	Type0(Very High)

■ PEAKOSIL One-Time Putty



Features

- Uniquely designed Putty Plus product for disposable usage
- Not sticky. Its viscosity is suitable for mixing it with bare hands
- Patient does not feel any repulsion because it has no taste and odor
- After hardened, very hard to minimize negative deformation during impression
- High affinity with plaster enables detailed modeling.
- Oil does not ooze during mixing with bare hands. Dissimilar to putties of other manufacturers



Packaging

- 1 PCS = 24ml = 12ml Base + 12ml Catalyst
- 10 PCS / 1 BOX

Technical data

Working time	≥ 40 sec.
Setting time	≤ 4 min.
Hardness	Shore A 71
Color	Blue
Consistency	Type0(Very High)



■ PEAKOSIL Heavy body Fast Set



Features

- Smooth mixing and easy injection reduce fatigue for the user.
- Free of taste and scent. Does not cause feeling of irritation to patient.
- High elasticity enables easy removal
- After hardened, its proper hardness minimizes negative deformation
- It does not slide from the tray
- High affinity with plaster enables detailed modeling.
- Compatibility with products of other manufacturers is excellent



Packaging

- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
4 Unit / 1 Box

Technical data

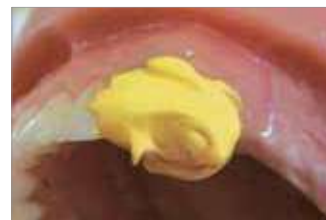
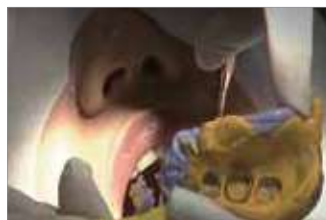
Working time	≥ 30 sec.
Setting time	≤ 2 min. 30 sec.
Hardness	Shore A 68
Color	Violet
Consistency	Type1(High)

■ PEAKOSIL Light Body Fast Set



Features

- Appropriate thixotropy. Smooth but does not flow down being applied on upper tooth
- Because of high hydrophilicity and ideal flow, able to realize details for precise impression
- High elasticity and resistance for tearing guarantees safety from negative deformation
- High affinity with plaster enables detailed modeling.
- Compatibility with products of other manufacturers is excellent.



Packaging

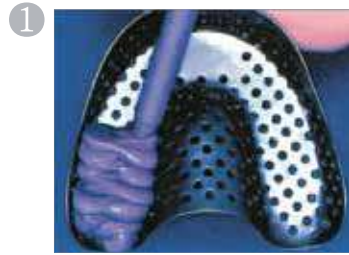
- 50ml = 25ml Base + 25ml Catalyst / 1 Unit
- 4 Unit / 1 Box

Technical data

Working time	≥ 30 sec.
Setting time	≤ 2 min. 30 sec.
Hardness	Shore A 52
Color	Yellow
Consistency	Type3(Low)



■ ■ One - Step Impression Technique (PEAKOSIL Light Body, Heavy Body)



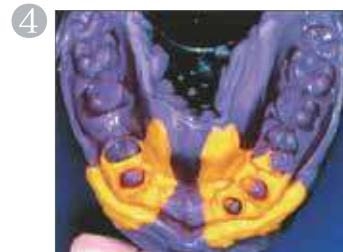
Dispense Heavy Body on tray avoid to cause air bubbles on surface of Heavy Body...



After you dried tooth surfaces, inject Light Body on teeth or on personalized tray made at 1st procedure.



Make a patient to bite personalized tray avoiding any movement.

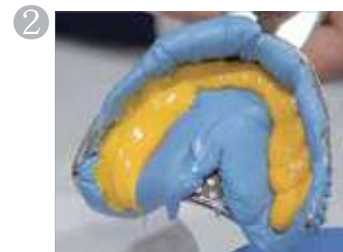


Remove impression body from patient's mouth after setting time. Then rinse, dry and disinfect it.

■ ■ Two - Step Impression Technique (PEAKOSIL Light Body, Putty Plus)



Put mixed Putty on tray. Then cover it with spacer (Vinyl/Gauze)



Inject Light Body on personalized tray made at 1st procedure.



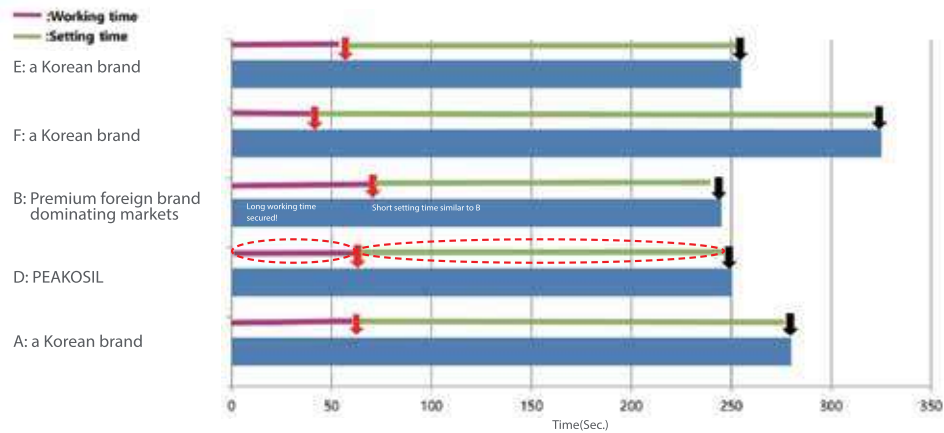
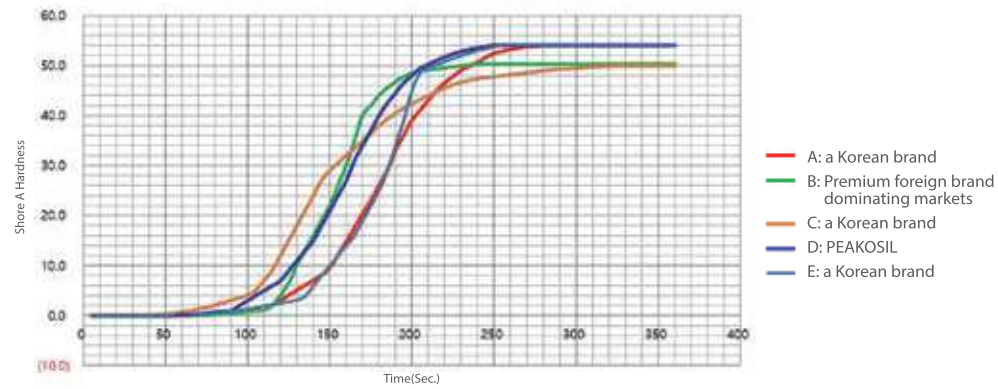
Meanwhile, inject Light Body on teeth. Then make patient to bite personalized tray avoiding any movement.



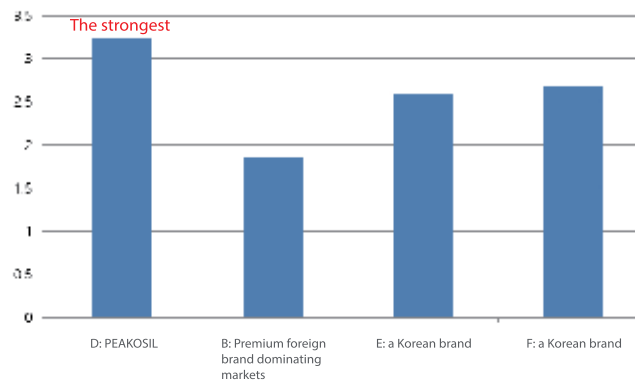
Remove impression body from patient's mouth after setting time. Then rinse, dry and disinfect it.

■ Comparison with competing impression materials

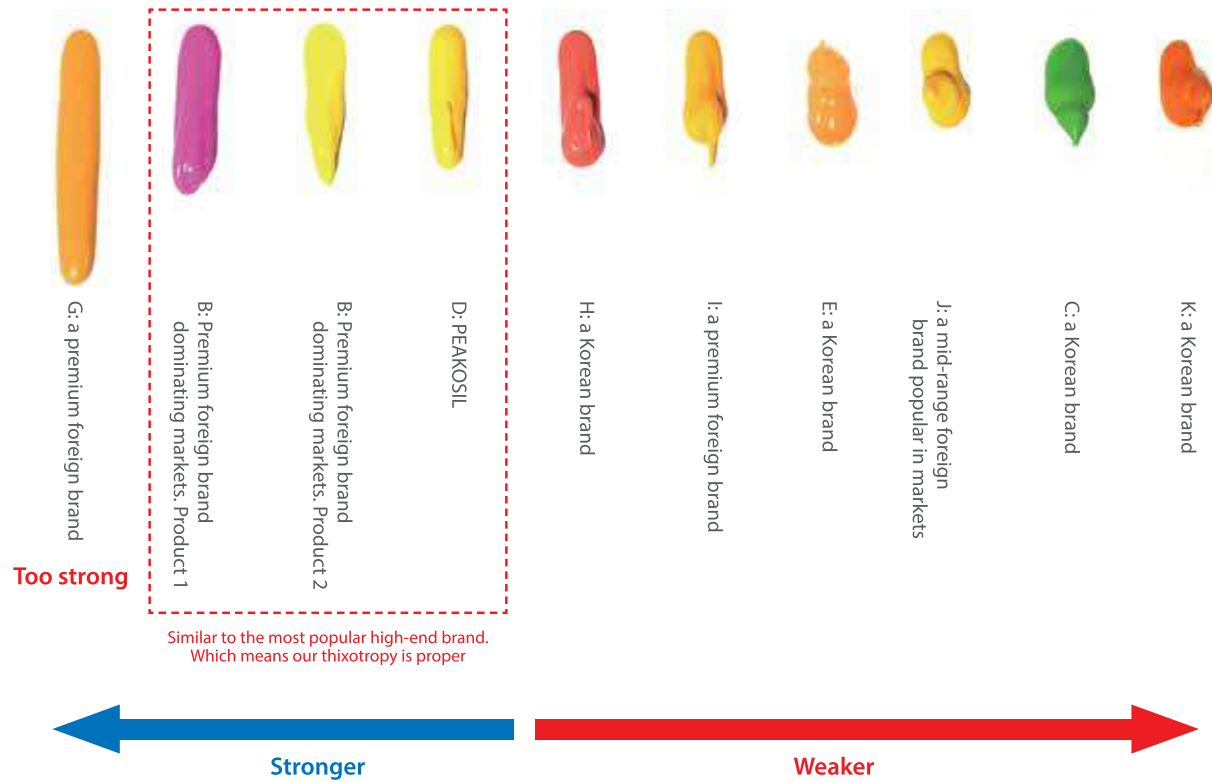
1. Working time & setting time



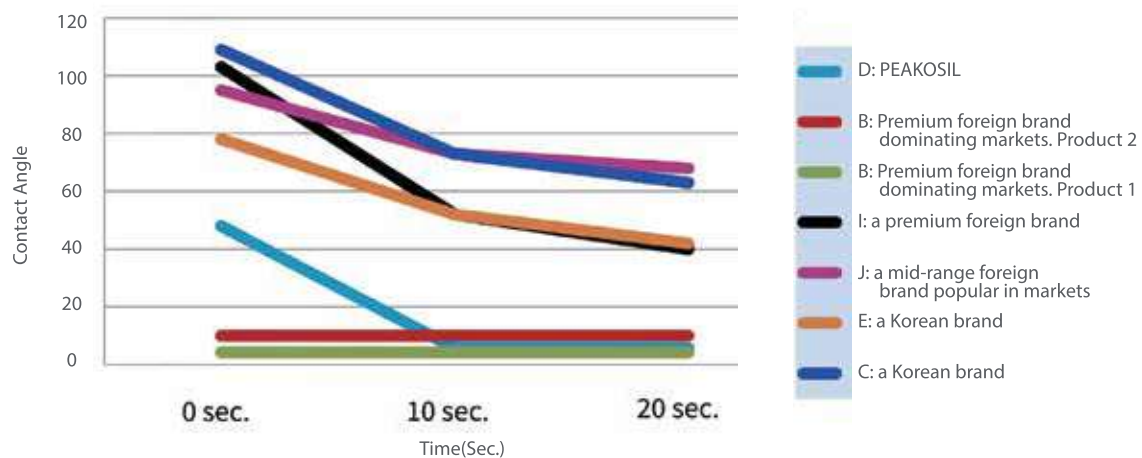
2. Tensile strength



3. Thixotropy



4 . Hydrophilicity





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