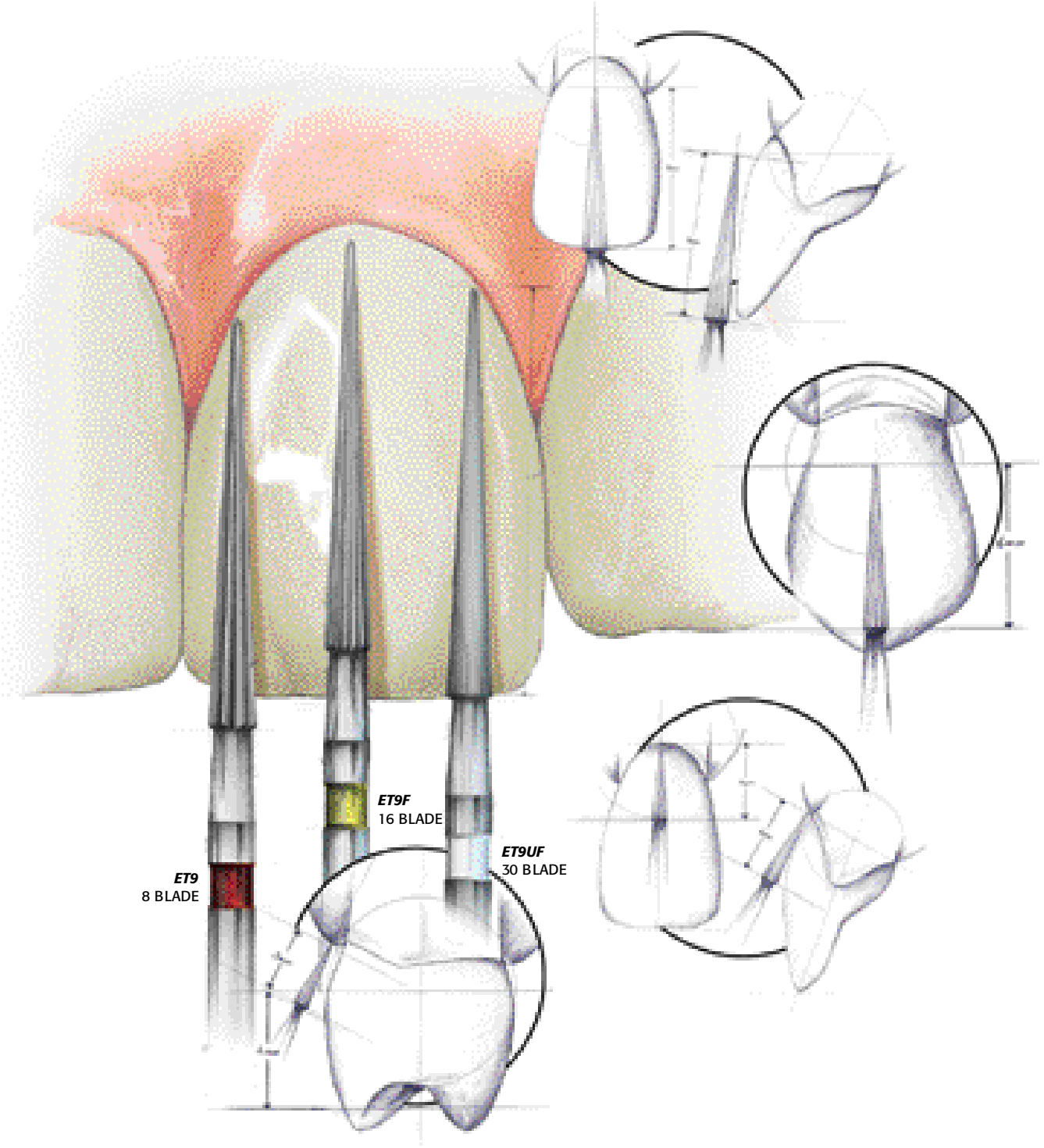
ET® | Esthetic Trimming

According to Dr. Ronald E. Goldstein



Buy Direct. Buy Brasseler USA.

BRASSELER USA
DENTAL ROTARY INSTRUMENTS

Brasseler USA E T® Carbides and Diamonds allow you to create fine art with all your esthetic restorations.

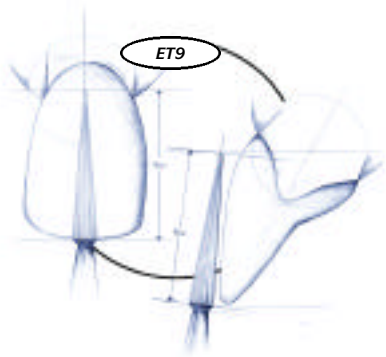
Three important factors to consider for restorative dentistry are:

1. *The straight lines of the E T® instrument. A basic 7901 has a convex design which produces a concave surface. This can create over-contouring near the gingival area which may lead to increased sensitivity in the restoration. All ET ® series carbides are safe ended.*

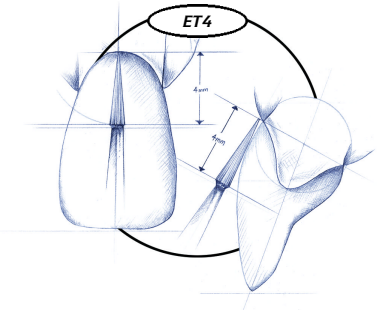
2. *The control that you have while using an ET® straight fluted instrument is quite different from the conventional spiral fluted competitors' instruments. The straight flute allows for more control and the concentricity of the instrument provides smoother operation.*

3. *The ET® family of burs and diamonds are the most advanced and comprehensive esthetic system available today. Not only do the ET® instruments have different head lengths available to fit natural tooth anatomy, but the complete line is available in carbide from 8 to 30 bladed instruments and diamond from 30 to 8 micron grit.*

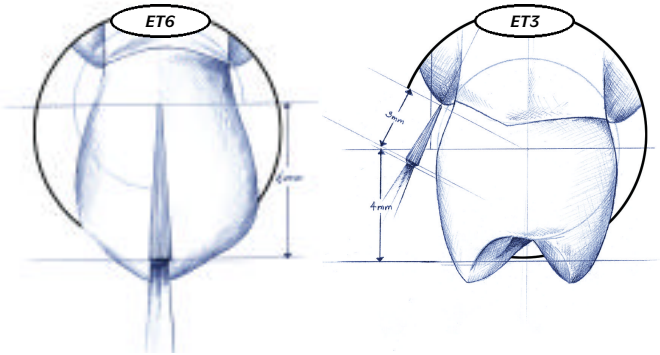
   The OSinstruments are ergonomically designed for occlusal and lingual surfaces and available in diamond and carbide.



Note how the correlation of the length of the **ET9** fits the contours of the natural tooth anatomy.



The **ET4** is an ideal shape to contour cervical areas.

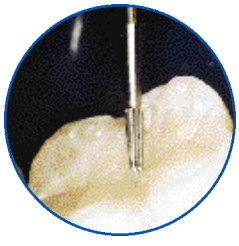


The **ET®** instrument design was based on the concept that the planes of a tooth are straight as they emerge from the sulcus providing a straight emergence profile.

Posterior Composite Restoration: class I & II

Mandibular first molar with defective amalgam restoration.

OS1 carbide performs initial contouring of the posterior composite restoration.



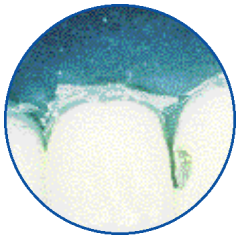
After the initial shape is established with the **OS1**, the **OS2** is used to form the secondary anatomy.

Supplemental anatomy or gnathological carving can be placed with the **OS3**.

Final version of the posterior composite restoration after polishing with the diamond impregnated **Diacomp™ Polishing System**.
(Order No. 14421)

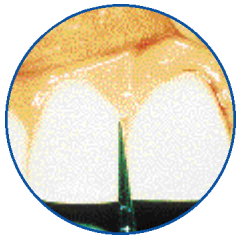
Anterior Restoration: class III

The pre-clinical image shows discolored and defective Class III restoration and a chipped mesio-incisal edge on the left central incisor.

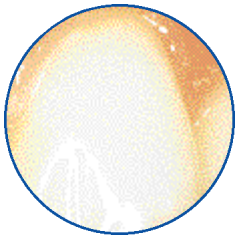


After rubber dam is placed, the entire labial surface is etched. Both incisal edge and Class III will be restored at the same time.

The composite resin is placed using a light weight thin-bladed, anodized aluminum instrument.
(Order No. F4)



Cured composite is shaped, smoothed and finished sequentially using the ET® burs: red band **ET9** (8 bladed), yellow band **ET9F** (16 bladed), white band **ET9UF** (30 bladed).

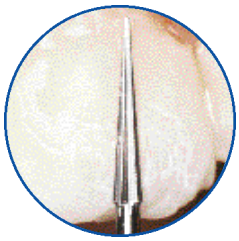


Final result shows esthetically restored central incisor.

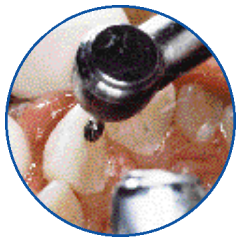
Anterior Restoration: class IV

Fractured left central incisor with rubber dam in place, ready to be restored.

A hybrid composite resin is applied and polymerized in layers.
(Order No. F4)



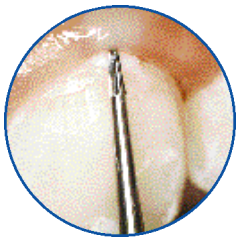
The buildup and the labial contour is established with the red band **ET9** (8 bladed), maintaining a straight emergence profile.



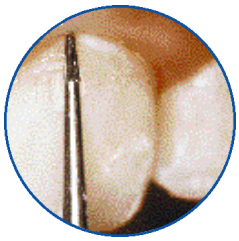
The red band **OS1** (12 bladed) provides correct lingual contour.

Precise trimming with the yellow band **ET9F** (16 bladed).

The white band **ET9UF** (30 bladed) is perfectly shaped to provide texture and surface anatomy as it readies the composite for polishing.



Subgingival margins are first contoured with the red band **ET3** (8 bladed).



Followed by smoothing procedure with the yellow band **ET3F** (16 bladed).

The white band **ET3UF** (30 bladed) provides a perfectly smooth finish.

The final result, after polishing with abrasive coated vinyl disc **EP® Polishing System**
(Order No. EP 200)

Restoration: class V

View showing Class V erosion.

The initial finishing is accomplished with the red band **ET4** (8 bladed).

The fine trimming of the gingival margin is achieved with the yellow band **ET3F** (16 bladed).

The final subgingival margin finish is accomplished with an white band **ET3UF** (30 bladed).

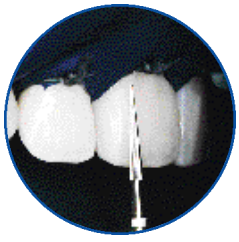
A mirror like shine was attained using the two step Brasseler USA **Diacomp™ Polishing System**. ***(Order No. 14421)***

Diastema

Note diastema between right central and lateral incisors, which have been bleached to allow for a lighter shade of composite resin.

Proportionate additions of composite resin have been applied and polymerized to close the diastema. Here a red band **ET9** (8 bladed) carbide is being used for initial contouring.

Next, the yellow band **ET9F** (16 bladed) carbide is used to complete the finishing.



Next, the white band **ET9UF** (30 bladed) carbide is used as the final step.

The final restoration after resin bonding and polishing with abrasive coated vinyl disc **EP® Polishing System.** ***(Order No. EP 200)***

Discoloration

A before picture showing discolored enamel and poor fitting Class V restorations.

Composite resin is being applied to the lateral incisor. ***(Order No. F4)***

Preliminary contouring of the lateral incisor with the red band **ET6** (8 bladed).

The yellow band **ET6F** (16 bladed) allows for controlled trimming of facial and cervical surfaces.

Final subgingival margin finish is accomplished with the white band **ET3UF** (30 bladed).

The white band **ET6UF** (30 bladed) is used to complete labial surface finishing.

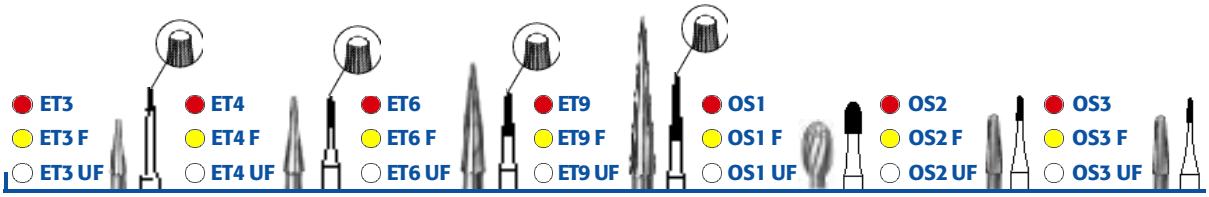
Final photo shows improved color and tooth form.

BRASSELER USA
DENTAL ROTARY INSTRUMENTS

Carbides

Friction Grip 31
Ø1.60mm x 24mm L

Safe-End



- ET3 / ET3 F / ET3 UF
- ET4 / ET4 F / ET4 UF
- ET6 / ET6 F / ET6 UF
- ET9 / ET9 F / ET9 UF
- OS1 / OS1 F / OS1 UF
- OS2 / OS2 F / OS2 UF
- OS3 / OS3 F / OS3 UF

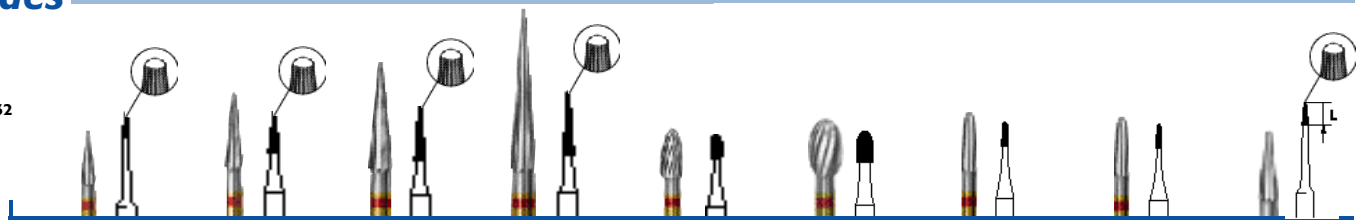
US No.		ET3	ET4	ET6	ET9	OS1	OS2	OS3
Size	Ø 1/10 mm	008	010	014	014	023	009	007
L mm		3.0	4.2	6.0	9.0	4.2	3.2	3.2
8 Blades	●	◆ H132-008	H133-010	H134-014	◆ H135-014	-	-	-
12 Blades	●	-	-	-	-	◆ H379-023	H247-009	H247-007
16 Blades	○	◆ H132F-008	H133F-010	H134F-014	◆ H135F-014	◆ H379F-023	H247F-009	H247F-007
30 Blades	○	◆ H132UF-008	H133UF-010	H134UF-014	◆ H135UF-014	◆ H379UF-023	H247UF-009	H247UF-007

◆ 008-014 Maximum Speed – 300,000 RPM.

ETS Carbides

STS 32
Ø1.60mm x 21mm L

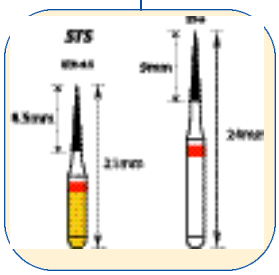
Safe-End



US No.		ETS3.5	ETS5	ETS7	ETS8.5	OS1/2S	OS1S	OS2S	OS3S	ET3A
Size	Ø 1/10 mm	009	012	014	014	014	023	009	007	008
L mm		3.5	5.0	7.0	8.5	3.1	4.2	3.2	3.2	3.0
8 Blades	●	◆ H132VG-008	◆ H133VG-010	H134VG-014	◆ H135VG-014	-	-	-	-	H132A-008
12 Blades	●	-	-	-	-	H379VG-014	◆ H379VG-023	H247VG-009	H247VG-007	-

◆ 008-014 Maximum Speed – 300,000 RPM.

Comparison



New, shorter shank ET® finishing burs provide access to difficult areas such as occlusal or buccal surfaces of second molars. For children and patients with limited opening, shorter shank finishing burs trim and contour quicker and with less trauma to the patient. Instruments are available in packages of five or arranged in an autoclavable aluminum block with laser etched silhouettes of instruments for convenient handling and ease of reorder **(Kit No. 297.32.627)**

Carbide blade configuration

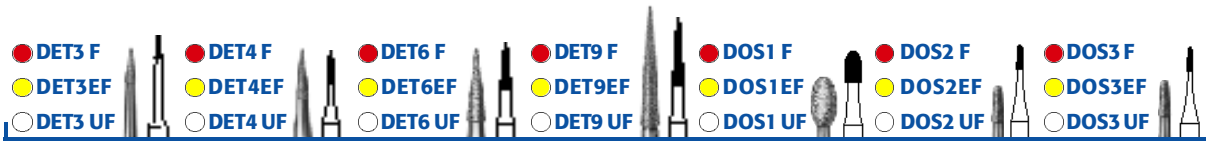
● 8/12 blade ○ 16 blade ○ 30 blade

Diamond grit sizes

○	ultra-fine »	8 micron
○	extra-fine »	15 micron
●	fine »	30 micron

* With some instruments the grit size may deviate from the specified value as a function of their shape and size.

Diamonds



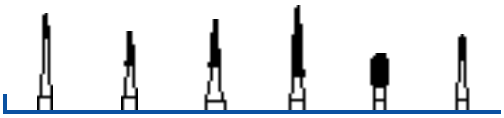
- DET3 F / DET3EF / DET3 UF
- DET4 F / DET4EF / DET4 UF
- DET6 F / DET6EF / DET6 UF
- DET9 F / DET9EF / DET9 UF
- DOS1 F / DOS1EF / DOS1 UF
- DOS2 F / DOS2EF / DOS2 UF
- DOS3 F / DOS3EF / DOS3 UF

US No.		DET3	DET4	DET6	DET9	DOS1	DOS2	DOS3
Size	Ø 1/10 mm	008	010	014	014	023	009	007
L mm		3.0	4.2	6.0	9.0	4.2	3.2	3.2
30 micron	●	◆ 132F-008	133F-010	134F-014	◆ 135F-014	◆ 379F-023	247F-009	247F-007
15 micron	○	◆ 132EF-008	133EF-010	134EF-014	◆ 135EF-014	◆ 379EF-023	247EF-009	247EF-007
8 micron	○	◆ 132UF-008	133UF-010	134UF-014	◆ 135UF-014	◆ 379UF-023	247UF-009	247UF-007

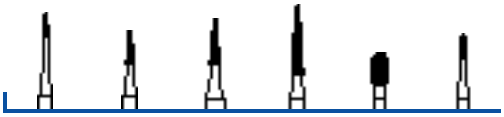
◆ 008-014 Maximum Speed – 300,000 RPM.

ET Specialty Kits

2000



US No.	**DET3F**	**DET4F**	**DET6F**	**DET9F**	**DOS1F**	**DOS2F**
Order No.	**132F**	**133F**	**134F**	**135F**	**379F**	**247F**
Size Ø 1/10 mm	008	010	014	014	023	009
L mm	3.0	4.2	6.0	9.0	4.2	3.0



US No.	**DET3EF**	**DET4EF**	**DET6EF**	**DET9EF**	**DOS1EF**	**DOS2EF**
Order No.	**132EF**	**133EF**	**134EF**	**135EF**	**379EF**	**247EF**
Size Ø 1/10 mm	008	010	014	014	023	009
L mm	3.0	4.2	6.0	9.0	4.2	3.0

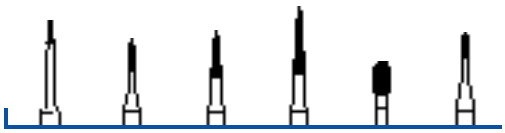
ET® Esthetic Trimming Diamond Kit

Developed by Dr. Ronald E. Goldstein

Friction Grip 31 — Ø1.60mm x 19mm L

Esthetic trimming 30 micron fine and 15 micron extra fine for contouring and finishing ceramic or composite restorations.

2999



US No.	**ET3**	**ET4**	**ET6**	**ET9**	**OS1**	**OS2**
Order No.	**H132**	**H133**	**H134**	**H135**	**H379**	**H247**
Size Ø 1/10 mm	008	010	014	014	023	009
L mm	3.0	4.2	6.0	9.0	4.2	3.2
Quantity per kit	2	2	2	2	2	2

ET® Esthetic Trimming Carbide Kit

Developed by Dr. Ronald E. Goldstein

Friction Grip 31 — Ø1.60mm x 19mm L

Esthetic trimming safe ended carbide system (8-12 fluted) for contouring and finishing of composite restorations.

ET® Diamond Combo Kit #4210

Developed by Dr. Ronald E. Goldstein

Esthetic trimming system with 30 micron, 15 micron and 8 micron diamond instruments for adjusting and finishing anterior and posterior composite restorations.

ET® Carbide Combo Kit #4200

Developed by Dr. Ronald E. Goldstein

Esthetic trimming system offers safe end carbide 8, 16 and 30 fluted finishing instruments for adjusting and finishing composite restorations.