

PROVISIONALIZATION

BY BRASSELER USA



CARBIDES-FINISHING

			A				Safe-E	and (ind			
Order #	7006	7008	7901	7903	H274	H48L	ET6	ET9	OSI	H1621	H283
Head Size (1/10 mm)	018	023	009	012	016	012	014	014	023	800	012
Cutting Length (mm)	_	_	3.6	3.6	3.5	8.0	6.0	9.0	4.2	1.2	8.0
31- FG - Friction Grip (19r	mm) 🖯 💳										
Cross-Cut (15 Blade)			7901EX	7903EX		H48LEX	ET6EX	ET9EX	7408EX		
Fine (8-12 Blade)	7006	7008	7901	7903	H274	H48L	ET6	ET9	OSI	H1621	H283
Extra-Fine (16 Blade)						H48LF	ET6F	ET9F	OSIF		
OUltra-Fine (30 Blade)	H41UF		H246UF		H274UF	H48LUF	ET6UF	ET9UF	OSIUF		
5/Pack											





The initial provisional restoration prior to trimming. The provisional was made with a direct technique using a clear matrix taken from the diagnostic wax-up.

ELIMINATE CUTTERS AND POLISHERS FROM LOADING UP!

Safe-End

Soak temporary in alcohol for 60 seconds to remove the sticky air inhibited layer.







H79EF.11.040



RWGPP

The buccal and palatal margins were trimmed first using any of the three rotary instruments, provided in the K0181 Spear Provisional System.



The provisional restoration after the buccal and palatal margins were trimmed.

Photos by Greggory Kinzer, DDS, MSD Spear Education Center for Dentistry http://www.speareducation.com/

CARBIDES-CUTTERS

MINIMIZE POLISHING TIME!

Extra-Fine E-Cutters® (EF) leave an ultra smooth surface, minimizing polishing time.

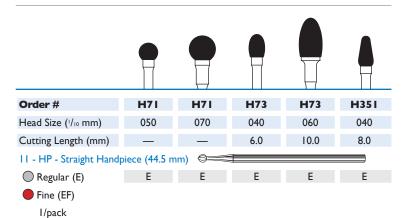
SHAPING AND CONTOURING

Order #	H72	H78	H79	H79	H79	H251	H257	H257R	H351	H351
Head Size (1/10 mm)	060	060	040	050	070	060	060	060	060	070
Cutting Length (mm)	12.0	12.0	13.0	13.0	14.0	14.0	14.0	14.0	11.0	14.0
II - HP - Straight Hand	piece (44.5 n	nm) 📁								
Coarse (SGE)				SGE	SGE					
Regular (E)	E	E	E	E		E		RE	E	E
Fine (EF)			EF			EF	EF		EF	
I/pack										

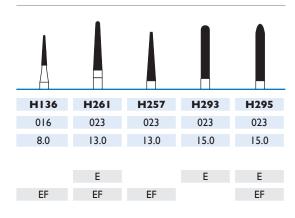
OCCLUSAL ANATOMY

Order #	H71	H71	H73	H73	H78	H77	H77	H137	H138	H138	H225
Head Size (1/10 mm)	014	023	014	023	023	023	029	016	014	023	023
Cutting Length (mm)	_	_	3.1	4.2	6.0	5.0	5.0	4.0	4.0	8.0	5.0
II - HP - Straight Handp	oiece (44.5 m	m) 👄									
Regular (E)	E	E	E	Е	E	E	E	E	E	Е	
Fine (EF)				EF		EF	EF			EF	EF
I/pack											

LINGUAL



INTERPROXIMAL



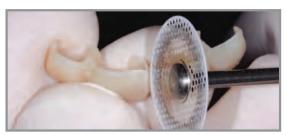
DIAMONDS-STRAIGHT HANDPIECE

					Å		À	A
Order #	842R	892	856	852	858	859	863	368
Head Size (¹/10 mm)	018	020	025	037	014	018	016	023
Cutting Length (mm)	12.0	15.0	8.0	7.0	8.0	10.0	10.0	5.0
II - HP - Straight Handpiece	e (44.5 mm)	0						
Coarse (125 micron)							6863	
Medium (100 micron)	842R	892	856	852	858	859	863	368
Fine (30 micron)						8859		
5/Pack								



IMPROVED RESULTS!

Laboratory Diamonds offer efficient cutting for precise and accurate material reduction.





The gingival embrasures were opened first using a thin, flexible disc that was run at a slower speed.

934.180





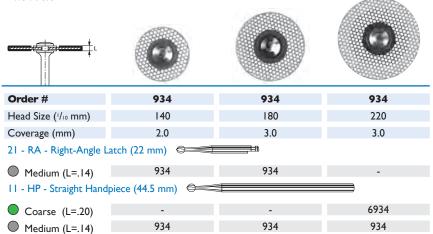
The same discs could be used to carve the facial and incisal embrasures to create the line angles.

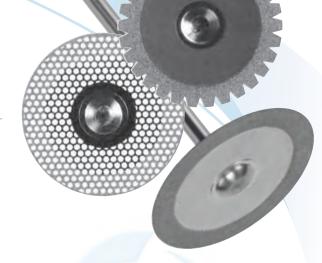
Photos by Greggory Kinzer, DDS, MSD Spear Education Center for Dentistry http://www.speareducation.com/

DIAMONDS-DISCS

VISIONFLEX™

Open Meshed Disc Double-Sided





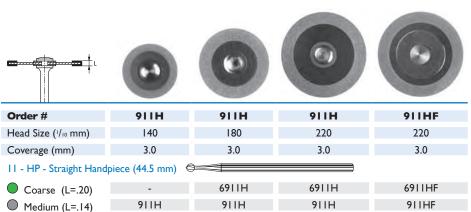
MARGIN REFINEMENT!

Diamond discs are ideally suited for light shaping and contouring the interproximal, marginal and facial surfaces on all types of acrylic and ceramics.

HYPFRFI FX™

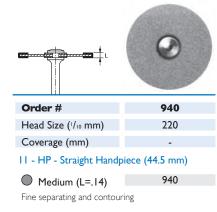
Ultra-fine contouring L= Thickness of Disc

Double-Sided



* Increased rigidity

Double-Sided



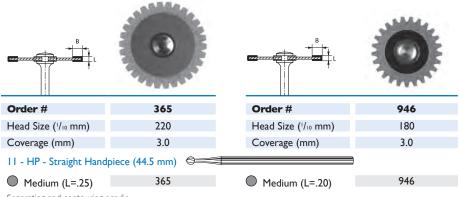
L=Thickness of Disc * Flexible

FLEXIBLE SERRATED

Double-Sided

Separating and contouring

L=Thickness of Disc



Separating and contouring acrylic

L=Thickness of Disc

FLEXIBLE COATED

Double-Sided



Coarse (L=.45) 6918B

Medium (L=.31) 918B

Separating and rough contouring

POLISHING-PROVISIONAL

SILICONE PROVISIONAL POLISHERS

- Silicone polishers eliminate scratches from acrylic and composite based appliances and provisionals
- For best results follow with ET® ProviPro™ polishers for an ultra-smooth surface
- Recommended speed: 10,000 -15,000 rpms
- Sterilization: Autoclave
- Great for fine shaping and contouring

MINIMIZE POLISHING TIME!

Silicone polishers will remove striations created from carbide cutters, therefore enhancing and minimizing polishing time.



Fine

Coarse

Use Mandrel 305.11 10/Pack

Coarse

Head Size (1/10 mm)

Order #

ET® PROVIPRO™ POLISHERS

- Two-step aluminum oxide impregnated cotton buff system for polishing acrylic and composite based provisional material
- Recommended speed: 10,000 -15,000 rpms
- Single-Use

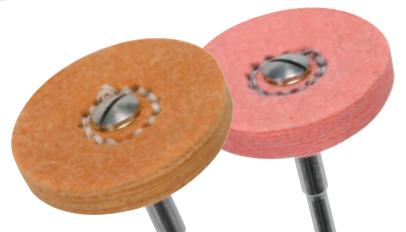


Order #	SWR22M	SWR22F
Head Size (1/10 mm)	220	220
Cutting Length (mm)	3.0	3.0
Grit	Medium	Fine

Use Mandrel 305.11 12/Pack

ELIMINATE MESSY PUMICE!

ET® ProviPro™ (Aluminum oxide impregnated buffs) will polish all acrylic appliances and composite based provisional materials eliminating the need for messy pumice!



POLISHING-ACRYLIC

ACRYLIPRO™ ACRYLIC POLISHERS

- Silicone polishing system for acrylic prosthetic and treatment appliances
- Recommended speed: coarse & medium (10,000 15,000 rpms); fine (5,000 7,000 rpms)
- Sterilization: Autoclave



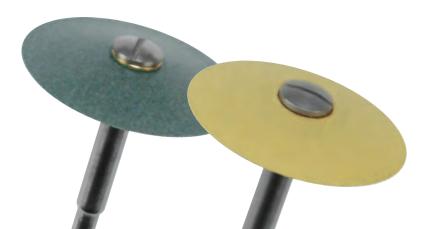
6/Pack 10/Pack



Order #	BR03	BR02	BR01					
Head Size (1/10 mm)	220	220	220					
Cutting Length (mm)	Cutting Length (mm) 3.0		3.0					
II - HP - Straight Handpiece (44.5 mm)								
Grit	Coarse	Medium	Fine					

Coarse Medium

Use Mandrel 305.11 10/Pack





The provisional restoration after adjustment but before the final polish.



RWGPP



SWR22M

Using the ProviPro wheels allowed the restorations to achieve a high luster and shine. (Note the difference in the surface of the centrals, as one has been polished and one has not.)



The completed provisional restorations after finishing and polishing.

Photos by Greggory Kinzer, DDS, MSD Spear Education Center for Dentistry http://www.speareducation.com/

POLISHING-INTRA-ORAL PROVISIONAL

DIACOMP® COMPOSITE POLISHERS

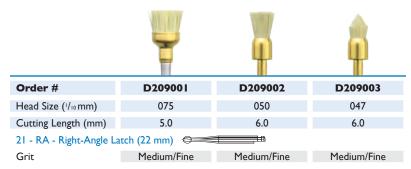
- High efficiency, diamond impregnated, two-step polishing system designed for fine contouring and polishing of composites, compomer, and glass ionomers
- Wet polishing is recommended
- Recommended speed: 5,000 10,000 rpms
- Sterilization: Autoclave

Order #	DCIM	DC2M	DC3M	DC4M	DCI	DC2	DC3	DC4
Head Size (1/10 mm)	040	100	060	085	040	100	060	085
Cutting Length (mm)	10.0	2.5	7.5	7.6	10.0	2.5	7.5	7.6
21 - RA - Right-Angle Latch (22 mm)								
Grit	Medium	Medium	Medium	Medium	Fine	Fine	Fine	Fine

5/Pack

COMPOSIPRO™ BRUSHES

- Special fibers impregnated with silicone-carbide particles ideal for polishing posterior occlusal surfaces
- These one-step brushes easily reach confined or difficult areas and require no messy pastes
- They may also be used during prophylactic treatment to remove discoloration
- Recommended speed: 5,000 7,000 rpms
- Sterilization: Autoclave



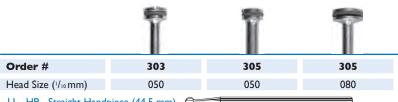
20/Pack

QUICK INTRA-ORAL POLISHING!

Brushes are ideal for occlusal polishing of posterior provisionals as well as help maintain dental anatomy.

LABORATORY MANDRELS

• For use on unmounted wheels and knife-edge polishers



II - HP - Straight Handpiece (44.5 mm)

6/Pack

POLISHING-LUSTERPRO™ BRUSHES, BUFFS & FELTS.

REMOVING TAGS!

Scotchbrite polishers will remove tags from acrylic created by rotary instruments!

- Brushes with polishing paste are ideal to final polish secondary anatomy or highly textured facial surfaces without removing detail
- When using diamond paste on carriers, apply in a circular motion with light pressure, maintaining a speed range between 5,000-10,000 rpms
- Brushes, felt wheels, chamois wheels, linens and buffs cannot be sterilized

SCOTCH-BRITE® BUFF







FELT CLOTH



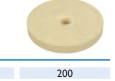
12/Pack

WHITE MUSLIN CLOTH



12/Pack 16422HP

FELT PASTE CARRIER FOR **POLISHING PASTE**



Head Size (1/10 mm) Cutting Length (mm) 3.0 Unmounted 10/Pack **FELT**

Use Mandrel 305.11

FLANNEL CLOTH



11 - HP - Straight Handpiece (44.5 mm)

12/Pack 16122HP

COTTON BUFF



11 - HP - Straight Handpiece (44.5 mm)

12/Pack

220

LEATHER BUFF



ABBOT ROBINSON® BRISTLE BRUSHES

Description	#9 Soft	#9 Stiff	#11 Soft	#11 Stiff	#12 Soft	#12 Stiff
Length	9/16	9/16	11/16	11/16	3/4	3/4
US No.	0599	0601	0606	6081	0614	0616

II - HP - Straight Handpiece (44.5 mm)

144/Pack

0599.411.144 0601.411.144 0606.411.144 6081.411.144 0614.411.144 0616.411.144

15122HP

PROCEDURE SYSTEMS

BRASSELER USA®: ACRYLIC TEMPORIZATION SYSTEM

This system consists of extra-fine cutters, serrated diamond disc, and knife-edge acrylic polishers for trimming, contouring and polishing acrylic restorations.





117.11			
Figure No.	BR03	BR02	BR01
Head Size (¹/₁₀ mm)	220	220	220
Cutting Length (mm)	3.0	3.0	3.0
Grit	Coarse	Medium	Fine
Quantity	2	2	2







	\Box			
Figure No.	H79EF	H257EF	365	305
Head Size (1/10 mm)	040	023	220	050
Cutting Length (mm)	13.0	13.0	_	_
Grit	_	_	Medium	_
Shank Type	HP	HP	HP	HP
Quantity	I		[3

DAWSON ACADEMY: PROVISIONAL SYSTEM

This system was designed for trimming, contouring and polishing temporary provisional restorations.



Developed by













K0203 Figure No. H79EF **H257EF** 6911HF 220 180 Head Size (1/10 mm) 023 Cutting Length (mm) Grit Coarse Medium Shank Type HP Quantity







Figure No.	10250022HP	16122HP	6081
Head Size (1/10 mm)	220	220	11/16"/#11 Stiff
Grit	Soft	Fine	Stiff
Shank Type	HP	HP	HP
Quantity	I	I	I

FEDERICK: TEMPORIZATION SYSTEM

This system was designed for trimming, contouring and finishing of temporary crown and bridge restorations.



Developed by DR. DAVID FEDERICK









1004.11

Figure No.	H79EF	H261EF	H257EF	852
Head Size (1/10 mm)	040	023	060	037
Cutting Length (mm)	13.0	13.0	14.0	7.0
Grit	_	_	_	Medium
Shank Type	HP	HP	HP	HP
Quantity	1	I	I	I





Figure No.	919	934
Head Size (1/10 mm)	220	220
Grit	Medium	Medium
Shank Type	HP	HP
Ouantity		

KOIS: PROVISIONAL SYSTEM

This system consists of E-CUTTER®'s, flexible diamond discs and a polisher for trimming, contouring and polishing provisional restorations.



Developed by Dr. John Kois



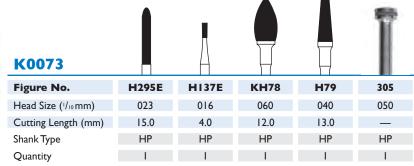








Figure No.	911H	934	R22
Head Size (¹/₁₀ mm)	220	220	220
Cutting Length (mm)	_	_	3.0
Grit	Medium	Medium	Coarse
Shank Type	HP	HP	HP
Quantity	1	I	1

PROCEDURE SYSTEMS

OKUDA: ESTHETIC TRANSITIONAL TEMPORARY SYSTEM

This system was designed for trimming, contouring and finishing acrylic provisional restorations.



Developed by DR.WYNN OKUDA

K0075					0
Figure No.	H261E	944	H79EC	H274	919
Head Size (1/10 mm)	023	080	040	016	220
Cutting Length (mm)	13.0	_	13.0	3.5	_
Grit	_	Medium	_	_	Medium
Shank Type	HP	HP	HP	HP	HP
Quantity	I	I	1	1	1

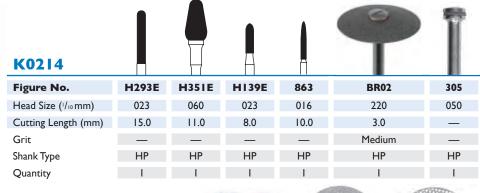


PANKEY INSTITUTE: PROVISIONAL SYSTEM

This system was designed for trimming, contouring and polishing temporary restorations.



Developed by
THE PANKEY INSTITUTE





SPEAR EDUCATION: PROVISIONAL SYSTEM

This system was designed for extra-oral trimming, contouring and finishing acrylic and temporary provisional restorations.



Developed by Dr. Frank Spear

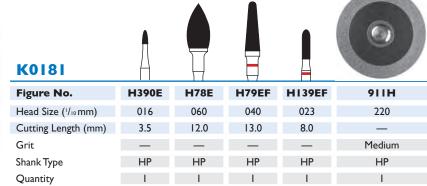














Figure No.
Head Size (1/10 mm)
Cutting Length (mm)
Grit
Shank Type
Quantity

934	RWGPP	RWPPP	SWR22M	SWR22F	305
180	220	220	220	220	050
_	3.0	3.0	3.0	3.0	_
Medium	Medium	Fine	Medium	Fine	_
HP	_	_	_	_	HP
1	I	I	I	I	4

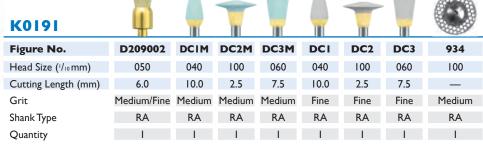
SPEAR EDUCATION: INTRA-ORAL PROVISIONAL SYSTEM

This system was designed for intra-oral trimming, contouring and finishing acrylic and composite provisional restorations.



Developed by Dr. Frank Spear





UNCOMPROMISING POWER...

The Forza L50K Lab Micromotor delivers uncompromising power throughout its advanced design. The cutting edge technology incorporated in the Forza L50K offers a massive 8.7 Ncm of torque and a speed range of 1,000-50,000 rpms. The lightweight, ergonomic handpiece weighs only 219 grams ensuring precise control and reduced hand fatigue.



Motor Speed Range: 1,000-50,000 rpm Maximum Torque of 8.7 Ncm Brushless Weight: 219 g I Year Warranty

Order No. 5021337U0

SUGGESTED OPTIMAL SPEEDS:

Cutters: 10,000 - 15,000 rpms Polishers:

Intra-Oral: 5,000 - 7,000 rpms Extra-Oral: 8,000 - 10,000 rpms



MATERIALS

COMPOSITE PROVISIONAL MATERIALS

Developed in the 1960's with an focus to overcome the negatives of methacrylates thermoset resin complex.

I) INTEGRITY

- Manufactured by DENTSPLY Caulk
- Integrity is a chemically-polymerized composite resin used to fabricate provisional crowns and bridges.
- Produces esthetic, easily polished, extremely well-fitting provisional restorations.
- Available in several shades
- Tendency for the material to abruptly convert from a liquid to solid (or semi-solid)
- · Fast setting time

2) LUXATEMP

- · Manufactured by DMG America
- · Bis-acrylic temporary crown and bridge material
- · Exceptional fit with high biocompatibility
- Optimized resistance to abrasion
- High flexural strength
- Direct application into the impression

3) PROTEMP

- Manufactured by 3M ESPE
- · Composite based material for or single-unit temporaries
- Preformed, malleable temporary crown
- Enables dental professionals to quickly and easily adapt the crown and seat it in the patient's mouth
- Minimizes fabrication time (no mixing) while ensuring excellent fit and natural looking esthetics
- Natural looking esthetics

4) PROTEMP PLUS

- Manufactured by 3M ESPE
- Nanotechnology-based bis-acrylic material
- Indicated for single and multiple unit temporaries, crowns, bridges, inlays, onlays and veneers
- For long-term temporization
- Does not require polishing or glaze
- Temporary surface is smooth, so that simply cleaning the temporary with alcohol achieves the desired gloss.

5) VENUS

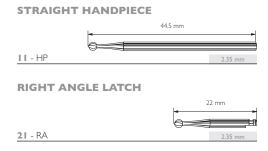
- · Manufactured by Heraeus Kulzer
- Auto-mix, bis-acryl, self-curing provisional material
- · Higher barcol hardness
- For both single and multi-unit temperature restorations
- Available in several shades
- · Slower setting time
- Ideal for long span bridges due to low flexural modulus
- Material should be loaded from bottom of matrix upward to prevent voids

5) MIRROR IMAGE

- Manufactured by Cosmedent
- · Fast working time
- Fast setting time
- Easily trimmed
- Highly esthetic
- · Minimal oxygen inhibited layer
- Minimal occlusal adjustment

COMPOSITE PROVISIONAL COMPASS

Material \ Bisacryl/Compos	Procedure site	Cutter	RPM	Diamond Disc	RPM	Polisher	RPM
	Bulk Material Reduction	E/SGE	10,000 - 15,000				
Luxatemp		EF	10,000 - 15,000			RWSeries/AcrylicPro	8,000 - 10,000
Protemp Protemp Plus	Adjusting Interproximal Gingival Emb	934, 911H, 911HF	10,000				
Integrity	Adjusting Interproximal Facial/Incisal	Adjusting Interproximal Facial/Incisal Embrasures			10,000		
Venus	Polishing Extra-Oral	EF	10,000 - 15,000		R\	WSeries/AcrylicPro/ET ProviPro	0 8,000 - 10,000
Mirror Image	/ Polishing Interproximal Facial/Incisal Er	mbrasures				ET ProviPro	8,000 - 10,000
Telio	/ Polishing Intra-Oral					Diacomp/ComposiPro Brushes	5,000 - 7,000



FRICTION GRIP



ACRYLIC PROVISIONAL MATERIALS

Temporary material divided into 3 subgroups: Poly (methyl methacrylate) (PMMA), Poly (ethyl methacrylate) (PEMA) and vinyl methacrylate. Used since 1930s (older technology than provisional composite)

I) ACRYLIC™ JET

- Manufactured by Lang Dental
- Self-curing acrylic resin methyl methacrylate
- · Fast curing time
- Provides long term, color stable results
- Durable, easy to polish and trim
- Wide range of color options

2) SNAP™

- Manufactured by Parkell, Inc.
- · Highly accurate, low-shrinkage
- For single and multi-unit provisionals
- Available in several shades
- · Low heat release
- Color stability

ACRYLIC CUTTER COMPASS

Material Acrylic	Procedure	Cutter	RPM	Diamond Disc	RPM	Polisher	RPM
	Bulk Material Reduction	E/SGE	10,000 - 15,000				
Snap Jet	Trimming Buccal/Palatal Margins	EF	10,000 - 15,000			AcryliPro	8,000 - 10,000
	Adjusting Interproximal Gingival Emb	rasures		946,365 Serrated/Vision Flex 934	10,000		
	Adjusting Interproximal Facial/Incisal	Embrasures		946,365 Serrated/Vision Flex 934	10,000		
jet	Trimming Facial Surface/Incisal Edge	EF	10,000 - 15,000			AcryliPro	8,000 - 10,000
	/ Polishing Extra-Oral				ProviPro	o/AcryliPro, Goathair/Char	nois 8,000 - 10,000
	/ Polishing Intra-Oral					Diamond Paste	5,000 - 7,000

CAD/CAM MILLED MATERIALS

I) TELIO CAD

Telio CAD blocks are used for the CAD/CAM manufacture of long-term temporaries (maximum wear period: 12 months).

Telio CAD restorations are either milled in the dental practice (e.g. CEREC/Sirona) or in the dental laboratory (e.g. inLab/Sirona). As an alternative, Telio CAD restorations can be outsourced and fabricated in a milling center.

The restorations can be polished quickly and efficiently or they can be characterized with stains. Furthermore, incisal areas may be customized with light-curing layering materials or Telio Lab materials to attain highly esthetic results.

ADVANTAGES

- Durable shade stability and lifelike fluorescence
- Several shades
- Telio CAD for CEREC and in lab blocks are available in 2 sizes (B40L, B55).
- High material homogeneity due to industrial manufacturing process
- Temporaries can be easily reproduced.

INDICATIONS

- Temporary anterior and posterior crowns
- Temporary anterior and posterior bridges with up to 2 pontics
- Temporary restorations on implants
- \bullet Therapeutic restorations to correct TMJ problems and occlusal adjustments

MISCELLANEOUS

ET® INTRA-ORAL COMPOSITE POLISHING PASTE

For over 30 years Brasseler USA®'s line of ET® instruments and products have continued to revolutionize the world of composite restorations. Brasseler USA® is now extending the line by introducing ET® Intra-Oral Composite Polishing Paste. Available in 8 micron grit, this diamond impregnated polishing paste is packed in a convenient syringe, and will help you achieve the highest level of surface smoothness and shine, quickly and easily. Use as a final step after polishing using any of our wide range of composite polishers including DiaComp® and ET® Illustra, to achieve the best results.



DRESSING DIAMOND

- This design offers a lateral face with a V-shaped groove for the dressing and shaping of polishers and abrasive stones.
- Use adequate disinfection and cleaning agents after each use
- Recommended dressing speed: 15,000-20,000 rpms



DRESSING STONE

• Dressing stone to point polishers



ALUMINUM BLOCKS







