

Better Patient Outcomes Improve Efficiency Faster Practice Growth



Premium Global Manufacturer
Distributing In Over 80 Countries



WHITE Dental®

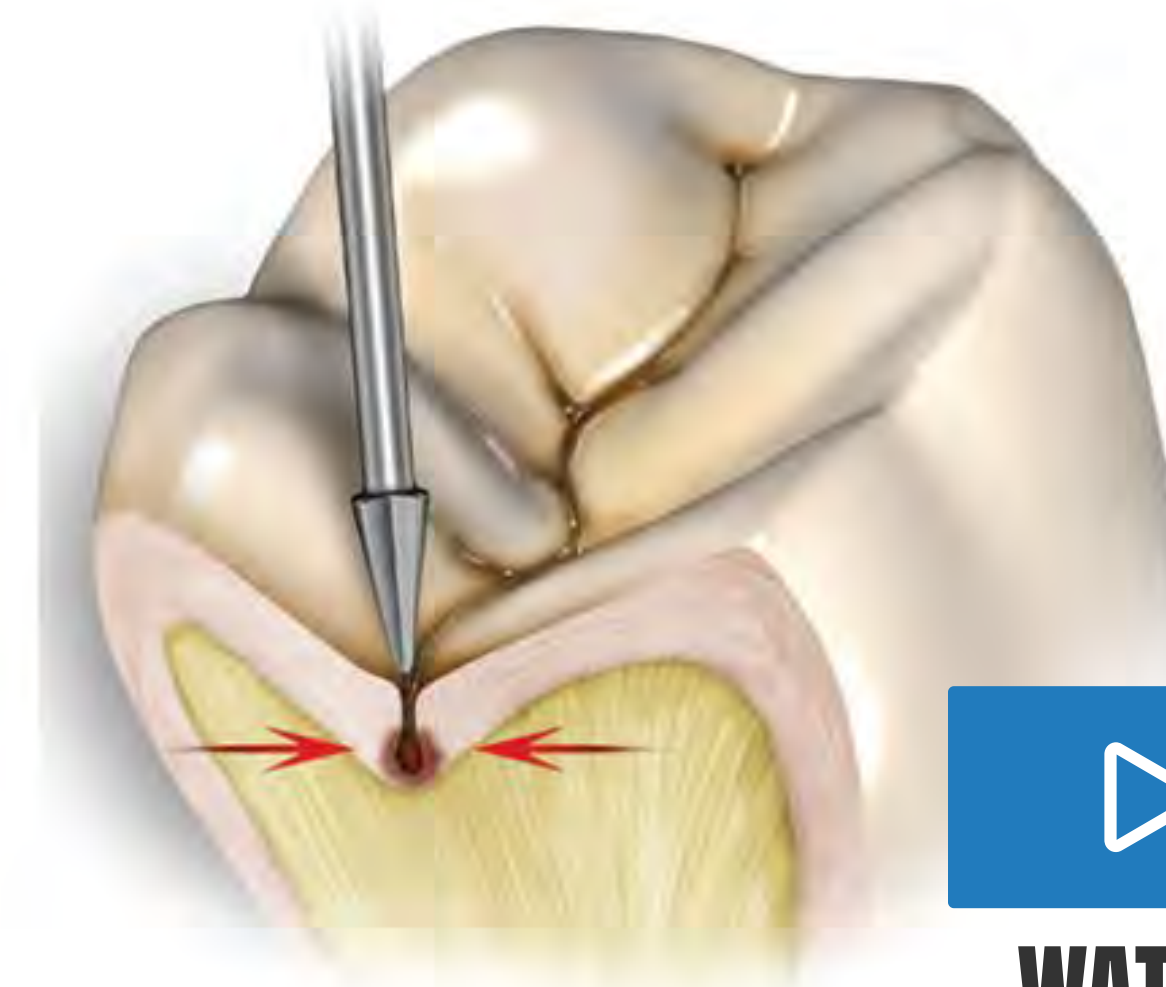
Innovating Since 1844

6 Ways to Improve Practice Production



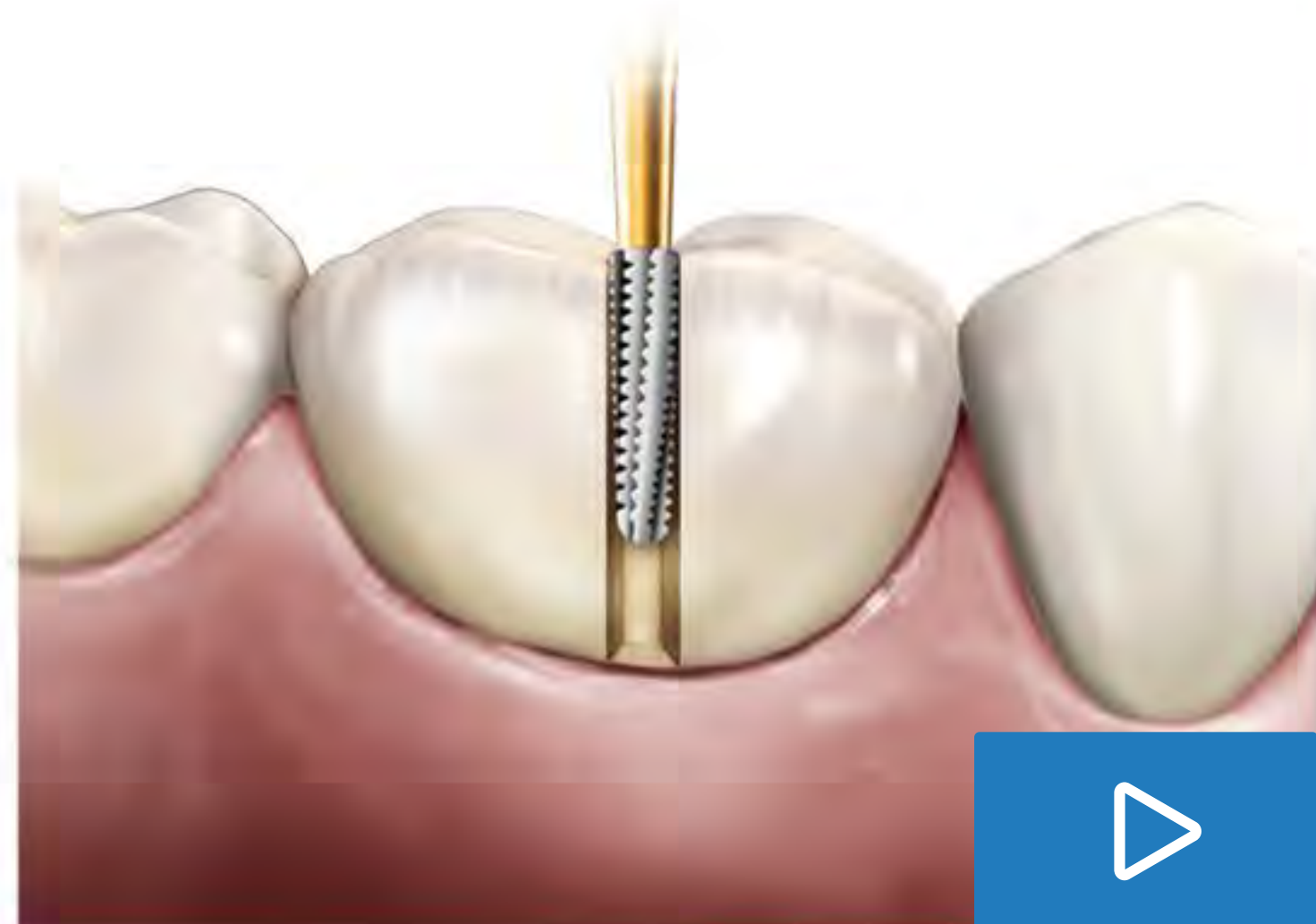
Zirconia Crown Removal

Ease the frustration of cutting through Zirconia with Great White®Z. Specialty shapes for slot crown removal technique, endodontic access and adjustment procedures.



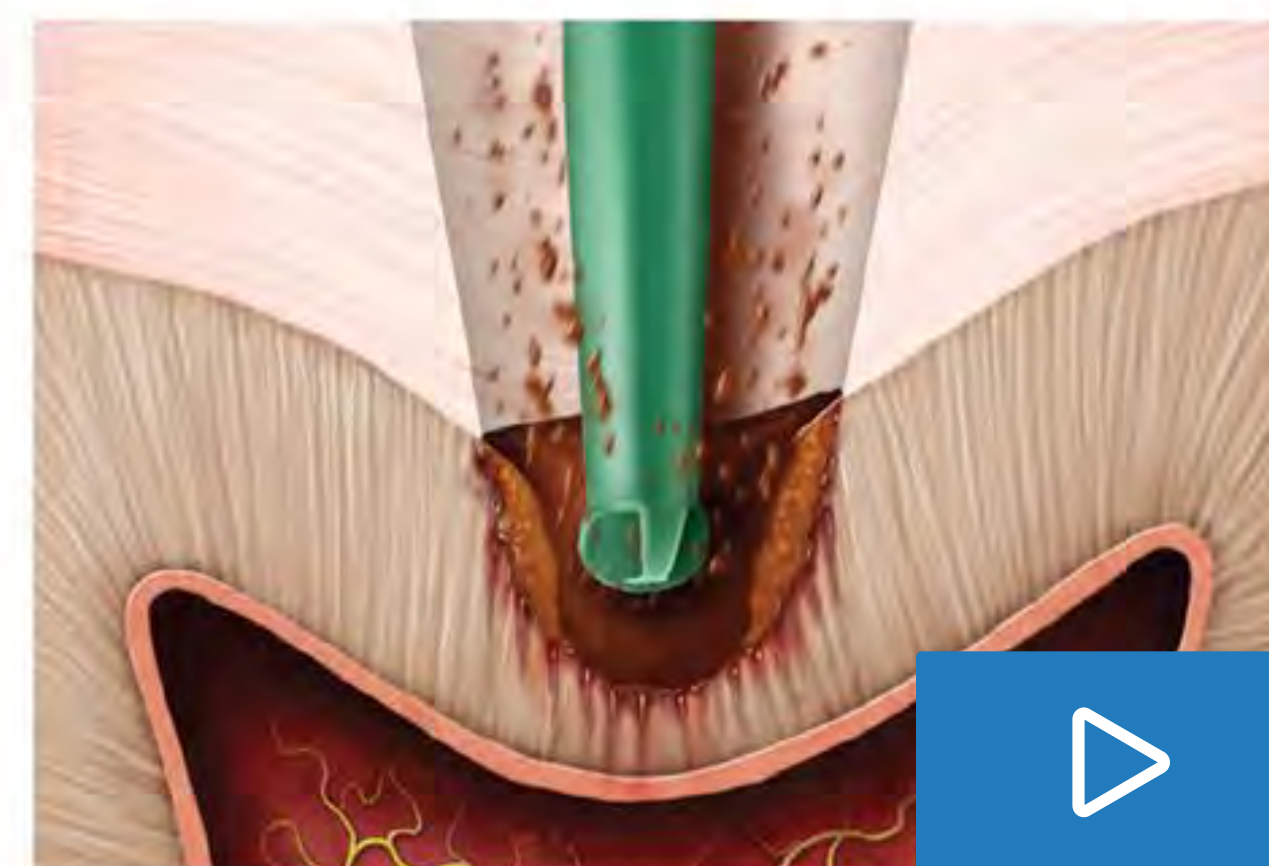
Explore and Restore Class I Treatments

Fissurotomy® burs provide conservative treatment. The 0.3mm tip can be used without anesthesia.



PFM Crown Removal Completed Masterfully

Use Great White® Gold for rapid removal of all types of semi and non-precious crowns and bridges, amalgams, composites, and porcelains.



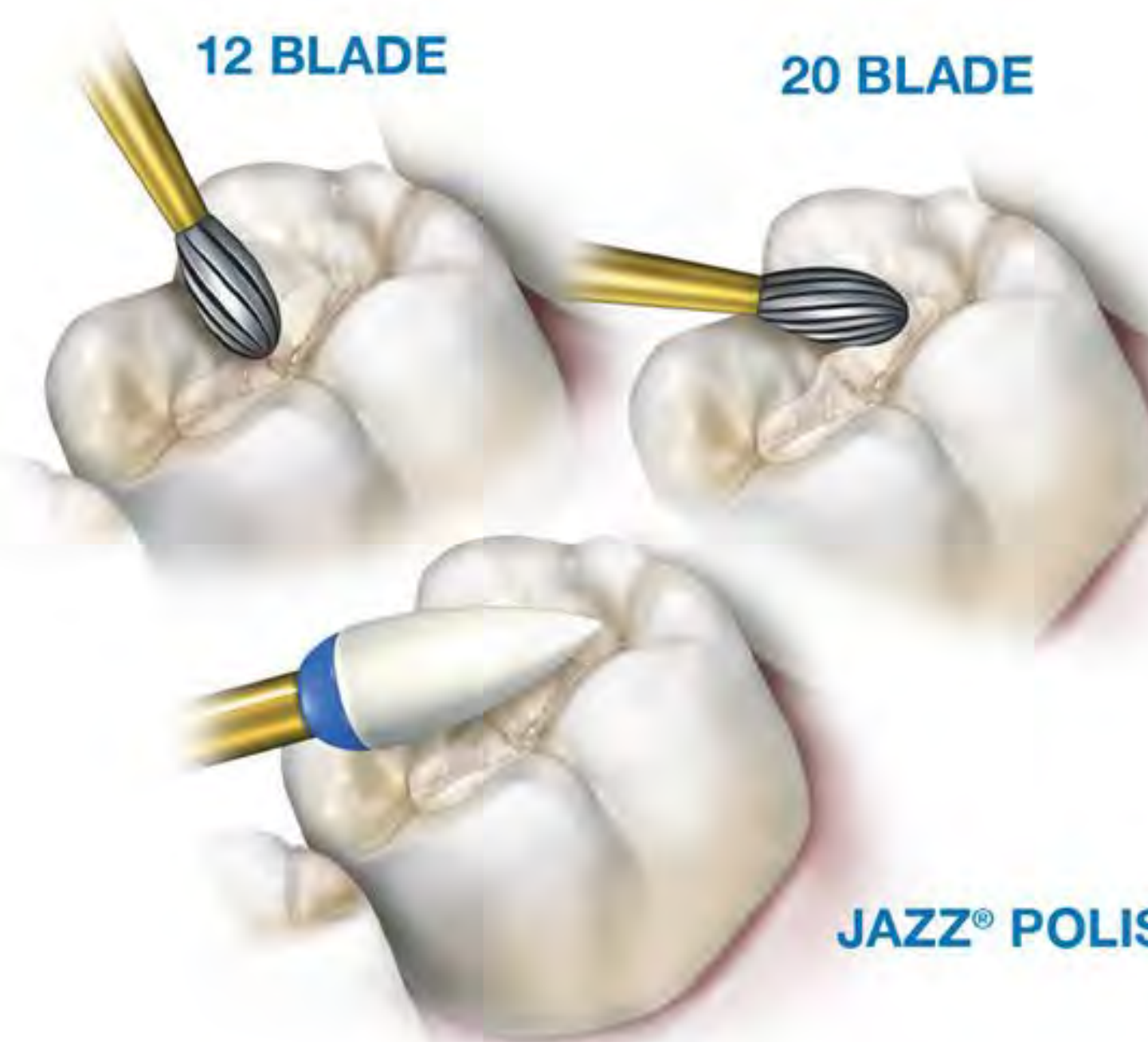
Removal of Class V Decay and Open Class I Cavity Preps

SmartBurs®II helps minimize the chance of inadvertent pulp exposure.



Efficient Crown Preparation

Great White® Ultra specifically designed as a fast and smooth alternative to diamonds for crown and bridge prep.



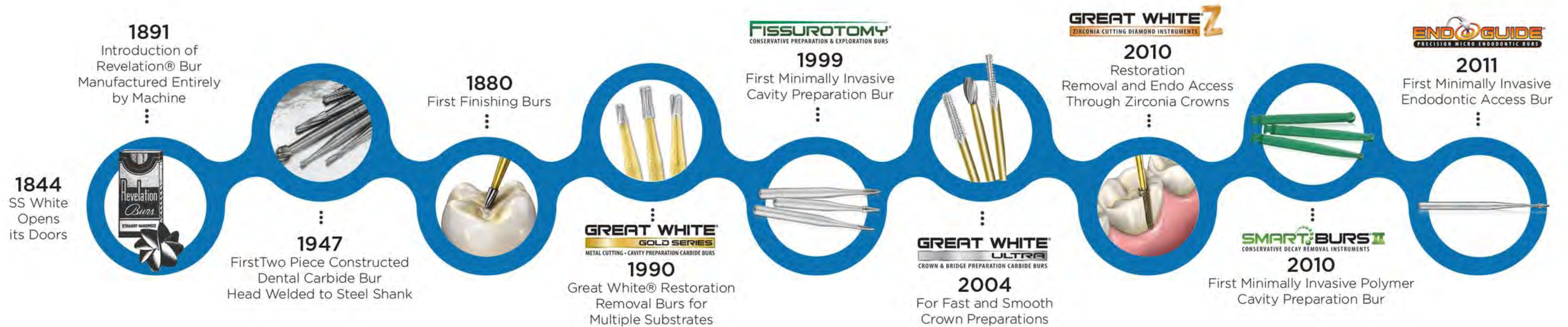
Finishing and Polishing with Beautiful Results

Trimming and finishing burs designed to trim, contour and pre-polish anterior and posterior composites. Final polish accomplished with Jazz® Supreme 1-Step polishers.

JAZZ® POLISH

INNOVATING SINCE 1844

Over 175 Years of Notable Contributions to the Dental Industry



Known for its contribution of precision rotary instruments since the invention of the carbide bur in 1872. SS White® Dental has been on the forefront of minimally invasive dentistry, designing innovative products that are efficient and better for the patient.

We help dental professionals create superior patient outcomes by being an innovative manufacturer of premium dental products and a valued partner.

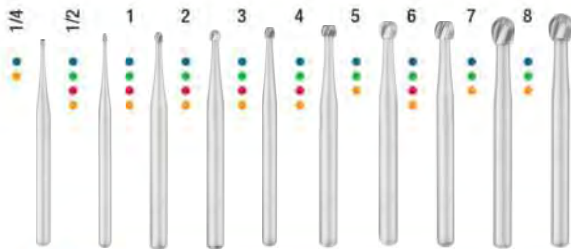
- Choose from over 2,500 operative and specialty carbides for all clinical applications.
- Forged with high grade stainless steel and fine grain tungsten carbide to deliver tried and true powerful cutting performance and control.
- ISO + ADA certified.



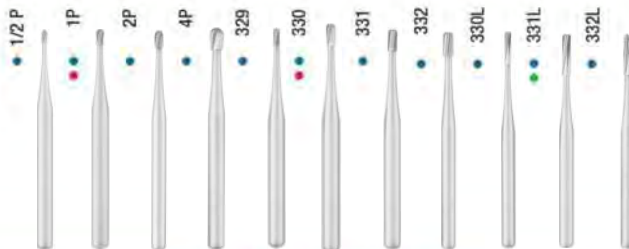
For More
Information,
Please Refer to
Our International
Products Catalog

STANDARD OPERATORY CARBIDE BURS

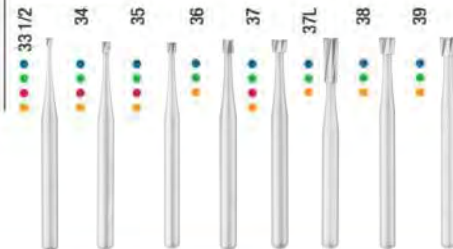
ROUND



PEAR

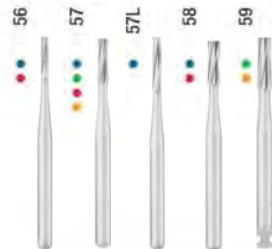


INVERTED CONE

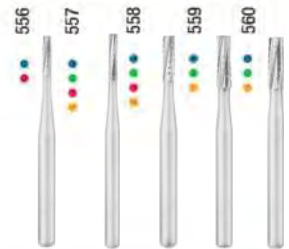


STANDARD OPERATORY CARBIDE BURS

STRAIGHT/FLAT END PLAIN



STRAIGHT/FLAT END CROSS CUT



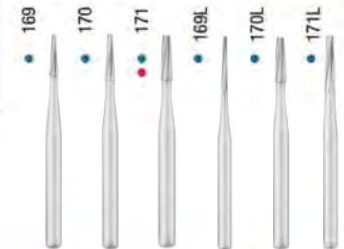
STRAIGHT/ROUND END PLAIN



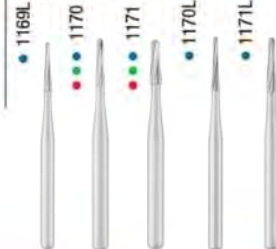
STRAIGHT/ROUND END CROSS CUT



TAPER/FLAT END PLAIN



TAPER/ROUND END PLAIN

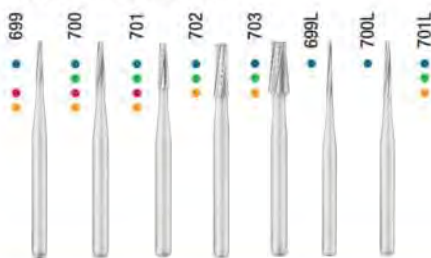


STANDARD OPERATORY CARBIDE BURS

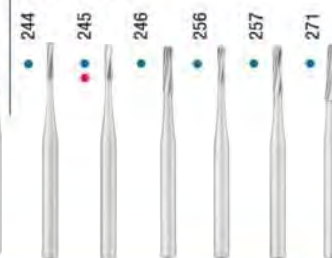
SPECIALTY CARBIDE BURS



TAPER/FLAT END CROSS CUT



AMALGAM PREP



WHEEL



END CUT



FISSUROTOMY®



SMARTBURS®II



SPECIALTY CARBIDE BURS



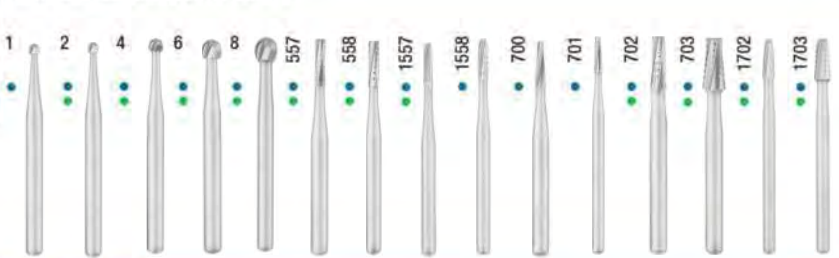
ENDO SAFEEND®



ENDOGUIDE®



SURGICAL AND ENDODONTIC LENGTH



SPECIALTY CARBIDE BURS - GREAT WHITE GOLD

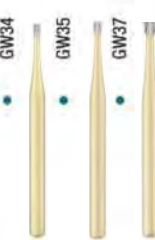
GREAT WHITE® ROUND



GREAT WHITE® PEAR



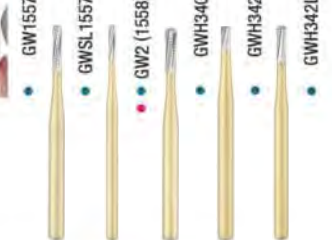
GREAT WHITE® INVERTED CONE



GREAT WHITE® STRAIGHT FISSURE



GREAT WHITE® ROUND END FISSURE



GREAT WHITE® TAPER FISSURE



T-10 METAL CUTTER



AVAILABLE CARBIDE SHANKS • FG (FRICTION GRIP) • RA (RIGHT ANGLE) • SS (SHORT SHANK) • HP (HANDPIECE)



**GREAT WHITE®
ULTRA FLAT END TAPER**



**GREAT WHITE®
ULTRA ROUND END TAPER**



**GREAT WHITE®
ULTRA FOOTBALL**



**GREAT WHITE® ULTRA
DEPTH CUTTER**



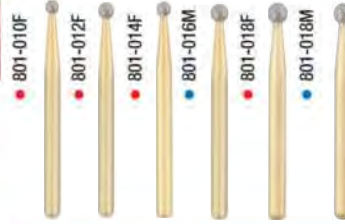
GREAT WHITE® Z DIAMONDS – RESTORATION REMOVAL – ENDO ACCESS

Great White Z®
Diamond Grits
Available
• Medium Grit
• Fine Grit

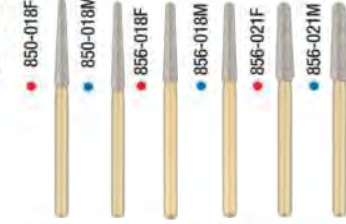
Football



Round



Round-Ended Tapered



Flame



Round End Cylinder



SAFE END SERIES

10-BLADED SAFE END



20-BLADED SAFE END



FLAME LONG



ROUND



12-BLADED TRIMMING AND FINISHING BURS

BULLET



BEVEL



EGG



FOOTBALL



INVERTED TAPER



12-BLADED TRIMMING AND FINISHING BURS

BEVEL



TAPER



FLAT END TAPER



ROUND END TAPER



NEEDLE



FLAME



CFT



SURGICAL LENGTH



FLAT END CYLINDER



18-BLADED T&F

ROUND END TAPER



20-BLADED TRIMMING AND FINISHING BURS

ROUND



BEVEL



EGG



FOOTBALL



NEEDLE



ROUND END TAPER



TAPER



FLAME



TAPER



FLAME



30-BLADED TRIMMING AND FINISHING BURS

ROUND



BULLET



FOOTBALL



NEEDLE



TAPER



IDL DIAMONDS

QUALITY AND PERFORMANCE

Broad Range of Shapes, Grits and Shanks
for All Your Diamond Procedures



International Diamond Line (IDL)

Premium Diamonds Manufactured by SS White®, For SS White®

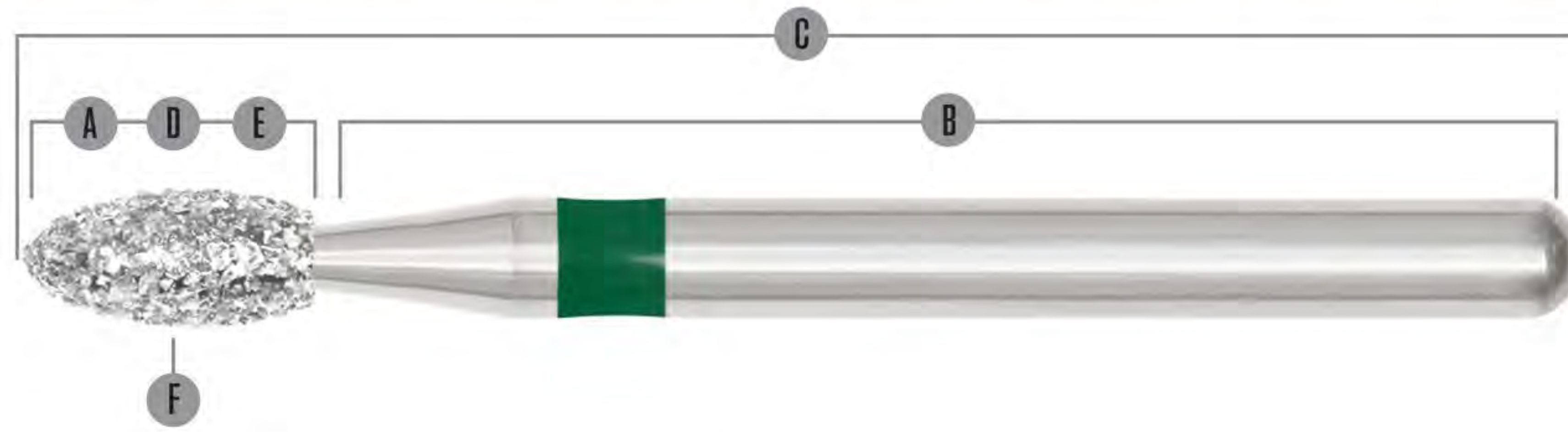
- Low cost per use
- Consistent performance
- Fast cutting
- Superior durability

SS White® has combined innovative technology with a comprehensive selection in our IDL line of diamonds. Featuring strict adherence to ISO certification standards and superior Trimatrix bonding technology, which minimizes clogging due to a uniform position of diamonds and maximizes cutting rate and durability.

Grit Size Designation		Micron (µm)	
● Super Coarse (SC)	● Fine (F)	● 151-213 (SC)	● 38-45 (F)
● Coarse (C)	● Very Fine (VF)	● 105-149 (C)	● 30-38 (VF)
● Medium (M)	○ Ultra Fine (UF)	● 62-125 (M)	○ 8-12 (UF)

ISO 6360 shank type for International Diamond Line	Shank Lengths	Shank Diameter	Shank Length	Shank Diameter
312 FG Shorter than Short	16 mm	Ø 1.60 mm	from 19 to 24 mm	Ø 1.60 mm
313 FG Short	from 16 to 20 mm	Ø 1.60 mm	from 22 to 27 mm	Ø 2.35 mm
314 FG Standard	from 19 to 24 mm	Ø 1.60 mm	44.5 mm	Ø 2.35 mm
204 RA Standard Right Angle	from 22 to 27 mm	Ø 2.35 mm	104 HP	Ø 2.35 mm

Guide to ISO 6360 numbering system for diamond instruments



806	314		277	534	023
A	B	C	D	E	F
Material of Working Part	Shank Type	Overall Length	Shape	Grit	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

SS White International Diamond Line

Premium quality diamond instruments.

ISO 6360 shank type for International Diamond Line



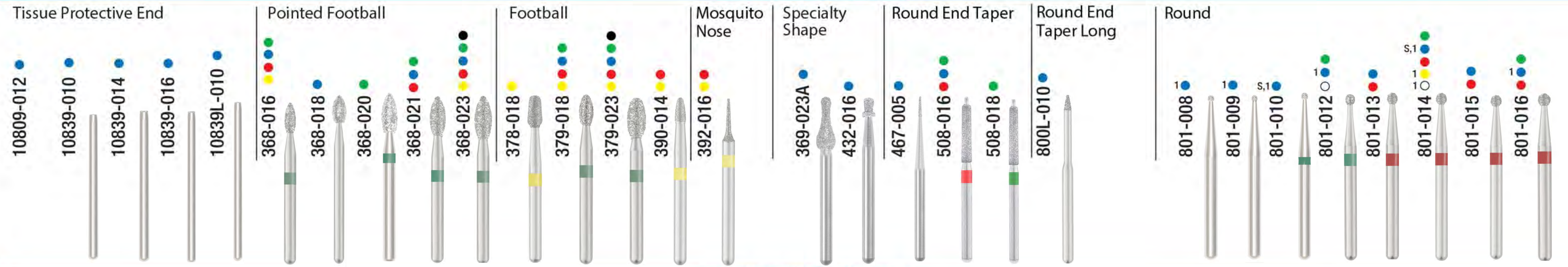
Grit sizes for diamond instruments (ISO 7711/3)

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	80 ÷ 100	149 ÷ 177	80 ÷ 100
		177 ÷ 210	70 ÷ 80		
		210 ÷ 250	60 ÷ 70		
Coarse	Green Band ●	105 ÷ 125	120 ÷ 140	105 ÷ 125	120 ÷ 140
		125 ÷ 149	100 ÷ 120	125 ÷ 120	100 ÷ 120
		149 ÷ 177	80 ÷ 100		
Medium	Blue Band ●	62 ÷ 74	200 ÷ 230	62 ÷ 74	200 ÷ 230
		74 ÷ 88	170 ÷ 200		
		88 ÷ 105	140 ÷ 170	88 ÷ 105	140 ÷ 170
		105 ÷ 125	120 ÷ 140	105 ÷ 125	120 ÷ 140
Fine	Red Band ●	37 ÷ 44	325 ÷ 400	38 ÷ 45	325 ÷ 400
		44 ÷ 53	270 ÷ 325		
		53 ÷ 62	230 ÷ 270		
		62 ÷ 74	200 ÷ 230		
Very-Fine	Yellow Band ●	28 ÷ 46	400 ÷ 500	30 ÷ 38	400 ÷ 500
Super-Fine	White Band ○	8 ÷ 28		8 ÷ 12	8 ÷ 12

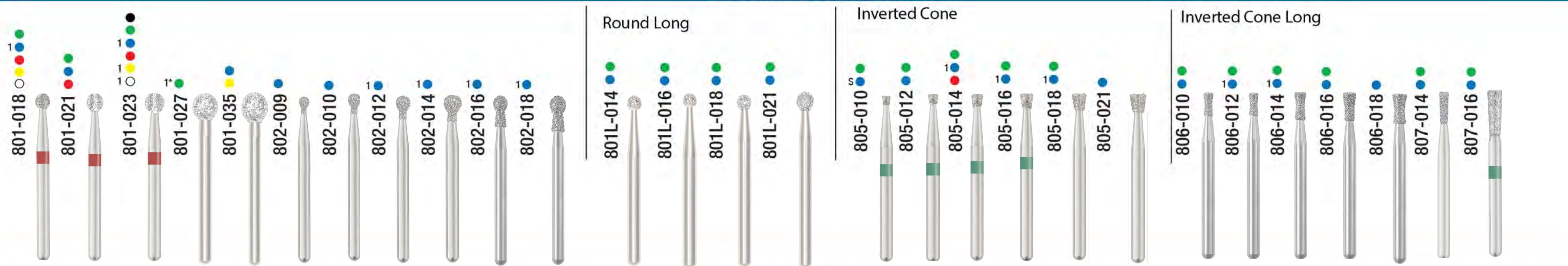
Diamond Instruments

Shank Material
Stainless Steel
Working Part
Natural Diamond

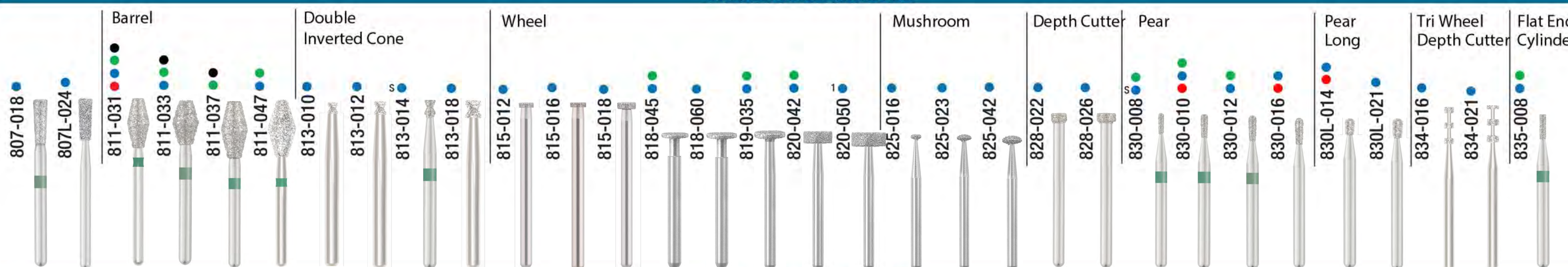
INTERNATIONAL DIAMOND LINE



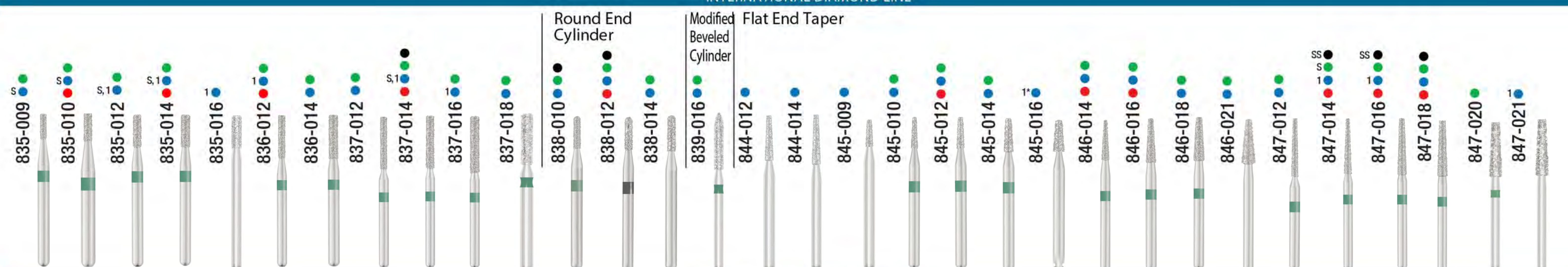
INTERNATIONAL DIAMOND LINE



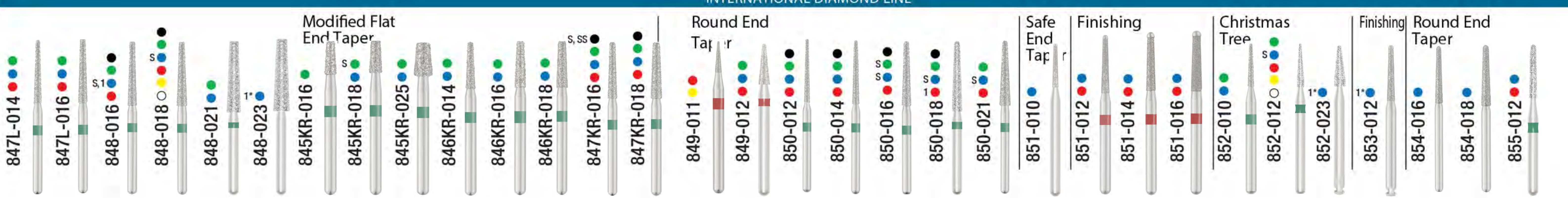
INTERNATIONAL DIAMOND LINE



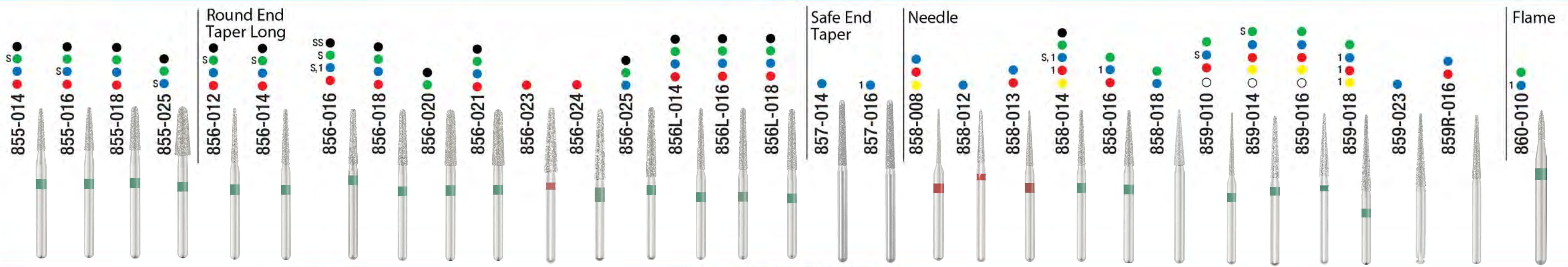
INTERNATIONAL DIAMOND LINE



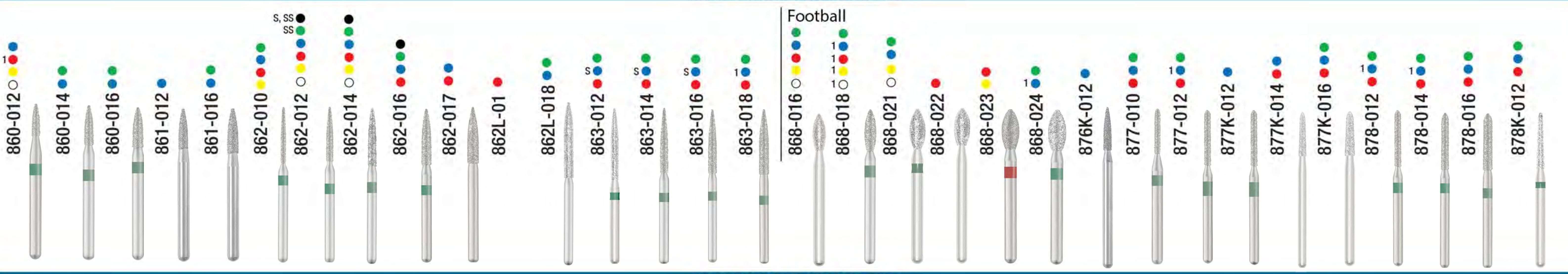
INTERNATIONAL DIAMOND LINE



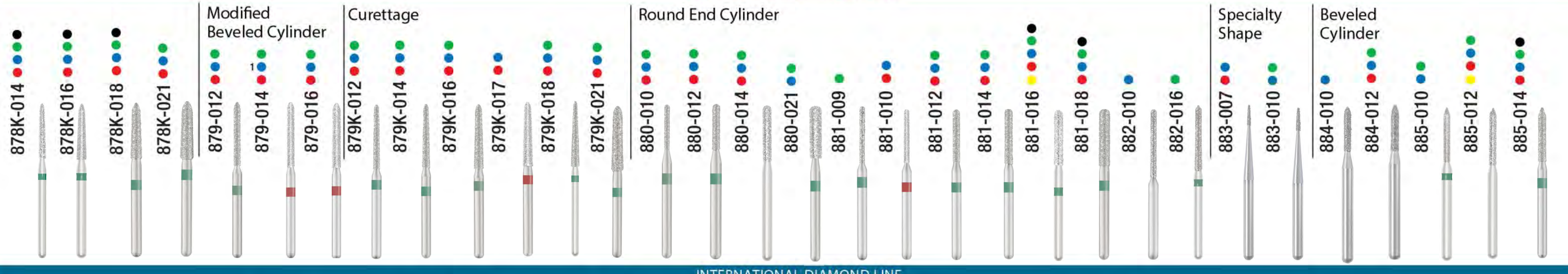
INTERNATIONAL DIAMOND LINE



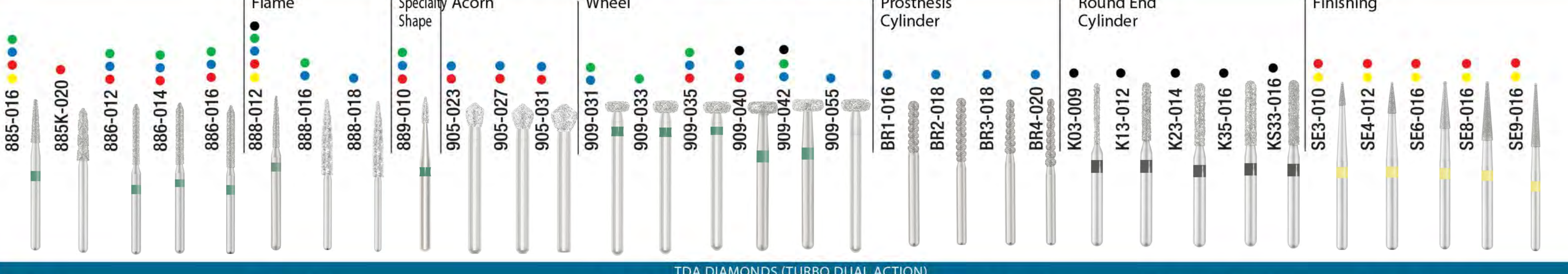
INTERNATIONAL DIAMOND LINE



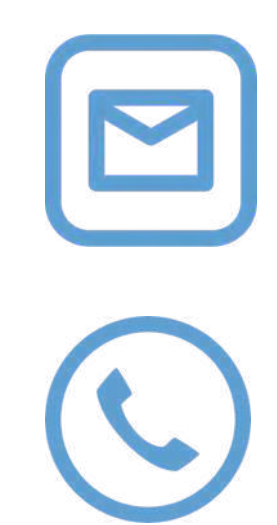
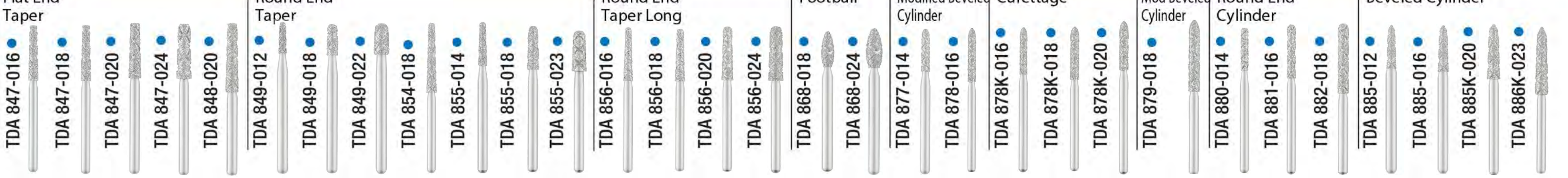
INTERNATIONAL DIAMOND LINE



INTERNATIONAL DIAMOND LINE



TDA DIAMONDS (TURBO DUAL ACTION)



Quick Reference Guide

Dentists material guide is a quick reference instrument to task procedural guide with charts you'll want to keep handy in your operatory!

INDIRECT RESTORATIVE MATERIALS

ZIRCONIA - Monolithic or Layered - Bruxzir

	Removal	Grit	Preparation	Grit	Adjust/Pre-Polish	Grit	Polish	Grit
Crown Removal	Great White®Z 856-018M	M	Diamond 856-018M (Axial Wall Reduction)	M	Adjust Diamond 868-016F Diamond 868-023F (Occlusal/Lingual)	F	Jazz® polisher Medium Cup ZA2S	M
	Great White®Z 850-018M	M	Diamond 858-014M (Interproximal Reduction)	M	Diamond 850-016F (Margin Refinement)	F	Jazz® polisher Fine Cup ZA2S	F
Endo Access	Great White®Z 801-016M	M	Diamond 379-023M (Occlusal/Lingual Reduction)	M	Diamond 859-016F (Interproximal)	F	Jazz® polisher Medium Flame ZA2S	M
	Great White®Z 801-018M	M	Diamond 909-035M (Incisal Reduction)	M	Pre-Polish: Diamond 868-018VF Diamond 868-023VF (Occlusal/Lingual)	VF	Jazz® polisher Fine Flame ZA2S	F
			Carbide Alternative Great White® Ultra Carbide 856-016		Diamond 850-015VF (Margin Refinement)	VF		
			Great White® Ultra Carbide 856-018		Diamond 859-016VF (Margin Refinement)	VF		
			Great White® Ultra Carbide 856-023 (Axial Wall Reduction)					
			Great White® Ultra Carbide 379-023 (Occlusal/Lingual Reduction)					

PORCELAIN/MILLED CERAMICS - Feldspathic leucite reinforced porcelain (Empress) - Lithium disilicate porcelain crowns (Emax) - LAVA or Procera

	Removal	Grit	Preparation	Grit	Adjust/Pre-Polish	Grit	Polish	Grit
Crown Removal	Great White®Z 856-018M	M	Diamond 878K-016M	M	Diamond 368-016F	F	Jazz® polisher Medium Cup P3S	M
	Great White®Z 850-018M	M	Diamond 878K-018M	M	Diamond 368-023F (Occlusal/Lingual)	F	Jazz® polisher Fine Cup P3S	F
Endo Access	Great White®Z 801-016M	M	Diamond 878K-021M (Axial Wall Reduction)	M	Diamond 878K-016F Diamond 878K-018F Diamond 878K-021F (Marginal Refinement)	F	Jazz® polisher Medium Flame P3S	M
	Great White®Z 801-018M	M	Diamond 878K-014M (Axial Wall Reduction)	M	Diamond 878K-014F (Interproximal)	F	Jazz® polisher Fine Flame P3S	F
			Diamond 368-023M (Occlusal/Lingual Reduction)	M	Pre-Polish: Diamond 368-016VF Diamond 368-023VF (Occlusal/Lingual)	VF		
			Diamond 909-035M (Occlusal/Lingual Reduction)	M				

COMPOSITE GLASS IONOMER restoration

RESIN IONOMER restoration

	Restorative Removal	Grit	Preparation	Grit	Adjust/Contour	Grit	Polish	Grit
COMPOSITE GLASS IONOMER restoration	Amalgam Removal:		Diamond 830-010M	M	Adjust: Diamond 868-016F Diamond 868-023F (Occlusal)	F	Jazz® polisher Fine Cup C1S	F
	Great White® #1		Diamond 830-012M	M	Pre-Polish Diamond 868-018VF Diamond 868-023VF (Occlusal)	VF	Jazz® polisher Medium Flame C1S	M
	Great White® #2		Diamond RA 801-010M	M	Carbide Alternative: Adjust: 7404 7406 7408			
	Diamond 813-014M		Diamond RA 801-012M	M	Pre-Polish: 8404 8406 8408			
	Caries Removal:		Carbide Alternative					
	RA #4		#330					
	RA #6		#245					
	FG #4		#1557					
	FG #6		#558					
	FG #330		Fissurotomy® Original					
FG #1557								
Diamond 830-012M	M							

For the
Complete Dentist
Materials Guide
Scan Here to
Download



FINISHING AND POLISHING WITH JAZZ® SUPREME FOR A SUPERIOR HIGH GLOSS SHINE



JAZZ® Supreme is a one-step Universal polisher for all composites and direct restorative materials. Requires no use of polishing paste

12-20 and JAZZ® for Ultrafast Beautiful Polishes – Save up to 20- Hours per Year

Efficiently trim and contour composites

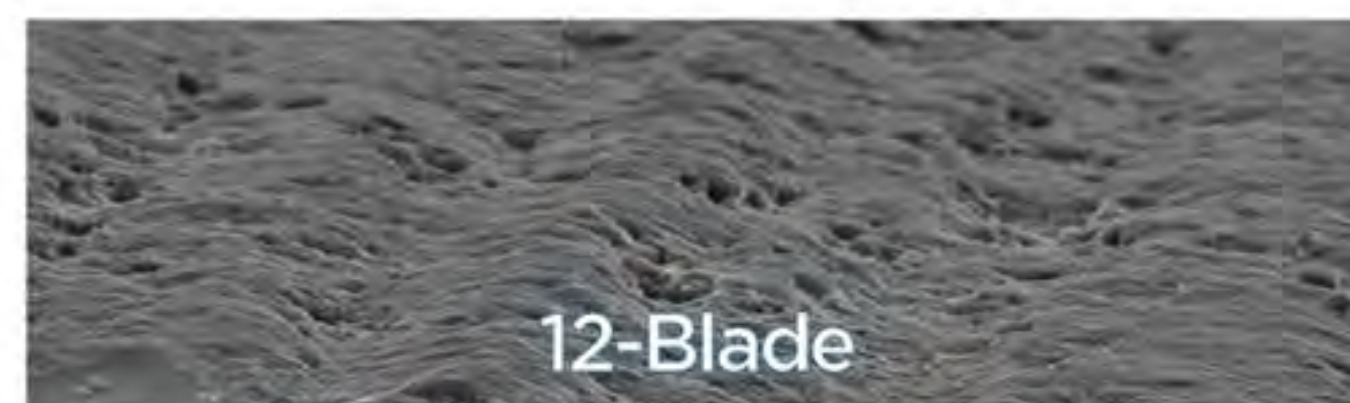
1. Begin with the 12- blade to trim and make initial adjustments

Place anatomical features and create an ultra-smooth, pre-polish on composites

2. Follow with 20-blade for approximately 30 seconds to pre-polish and reduce the high points.
(Save 1.5 minutes of polishing time)

Create a beautiful, high shine on all types of composite material

3. Finish with the Jazz® Supreme 1-step polisher.
(Save 1.5 minutes per polish) and reduce material costs vs. multi-step polisher systems



12-Blade

Average Surface Roughness (Ra.): 0.3684
Reduction from Previous: -



20-Blade

0.2482
33%



Jazz Supreme

0.1966
21%

FINAL RESULT



"I save 12 hours per year and get faster more beautiful polishes with Jazz® Polishing system."

Dr. Howard S. Glazer, DDS, FAGD



SCAN TO WATCH

JAZZ POLISHERS



Composite
Universal 1-Step
Polishing System



JAZZ POLISHERS



Composite
2-Step Polishing
System



JAZZ POLISHERS



Composite
1-Step Single-Use
Polishing System



JAZZ POLISHERS



Zirconia Alumina
2-Step Universal
Polishing System



JAZZ POLISHERS



Porcelain Metal
Composite
Polishing System



JAZZ POLISHERS



For Porcelain
Metal and
CAD/CAM
Restorations

Medium Flame
89017 • 89102 [R]



Medium Cup
89018 • 89103 [R]



Fine Flame
89019 • 89104 [R]



Fine Cup
89020 • 89105 [R]



JAZZ POLISHERS



Adjust, Smooth and
polish your porcelain,
metal restoration and
CAD/CAM restorations

Coarse Flame
89004 • 89106 [R]



Coarse Cup
89005



Coarse Knife Edge
89006



Coarse Small Flame
89007



Medium Flame
89008 • 89107 [R]



Medium Cup
89009



Medium Knife Edge
89010



Medium Small Flame
89011



JAZZ POLISHERS

Fine Flame
89012 • 89018 [R]



Fine Cup
89013



Fine Knife Edge
89014



Fine Small Flame
89015



Proven Practice Growth

5 Methods You Can Use to Build Your Practice

Develop Your Clinical Team to:



Schedule Your Diagnosed and Untreated Cases

How much is in your diagnosed and untreated files? A process, call script and staff training can help you add these billings and grow your practice. Schedule training with SS White.



Do Comfortable Cavity Preps When Indicated

How many patient referrals can you get by doing comfortable cavity preparation with no anesthesia?



Use the efficiencies you get on the procedures below to engage with your staff and patients

Cutting Zirconia, non-precious metal and efficient finishing and polishing are a few ways to increase office production.



Embrace Minimally Invasive Dentistry and its Benefits with Staff and Patients

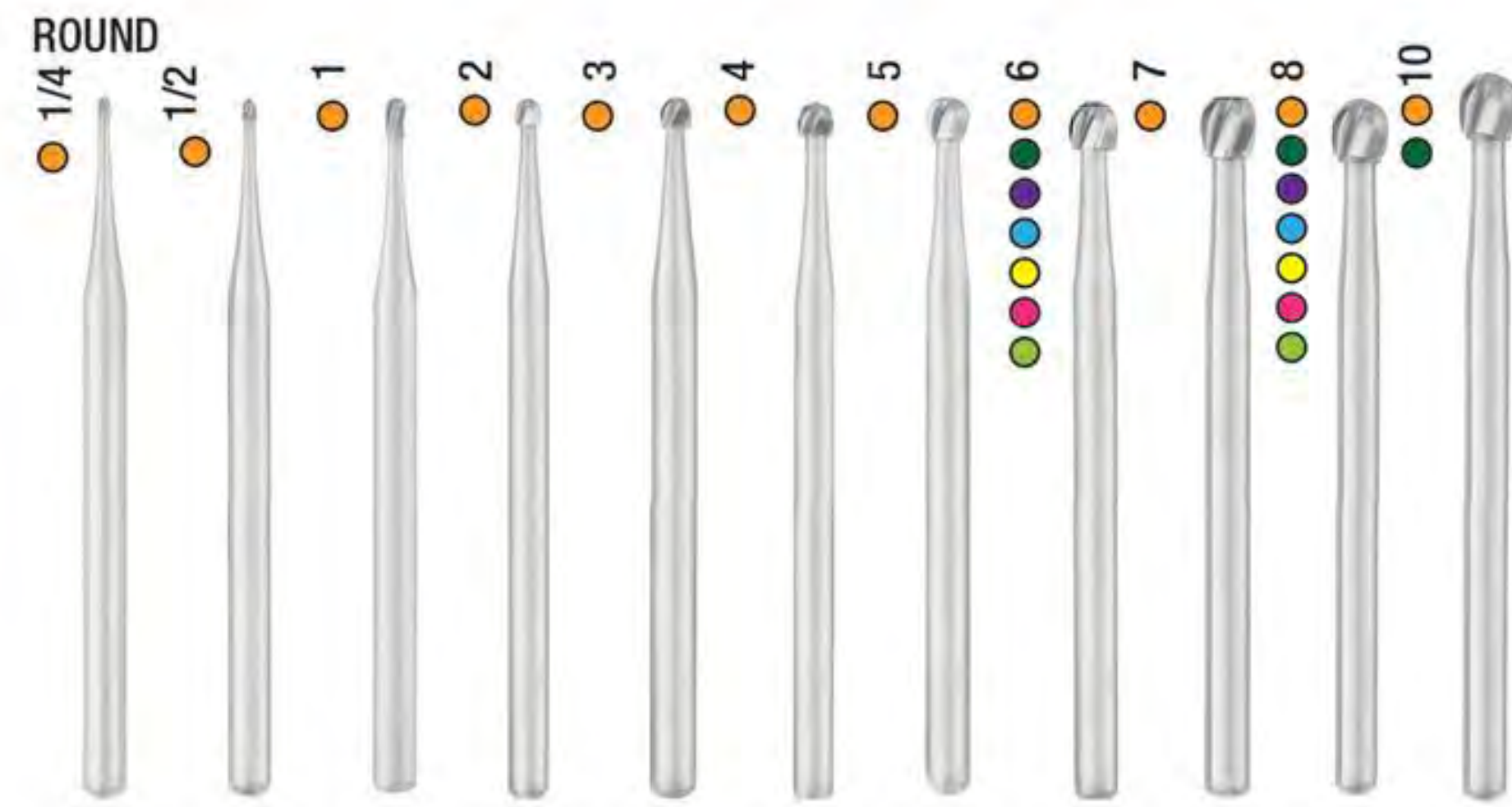
The medical market is educating your patients on the value this brings to their overall health. Why not embrace these techniques and utilize them with your patients and staff?



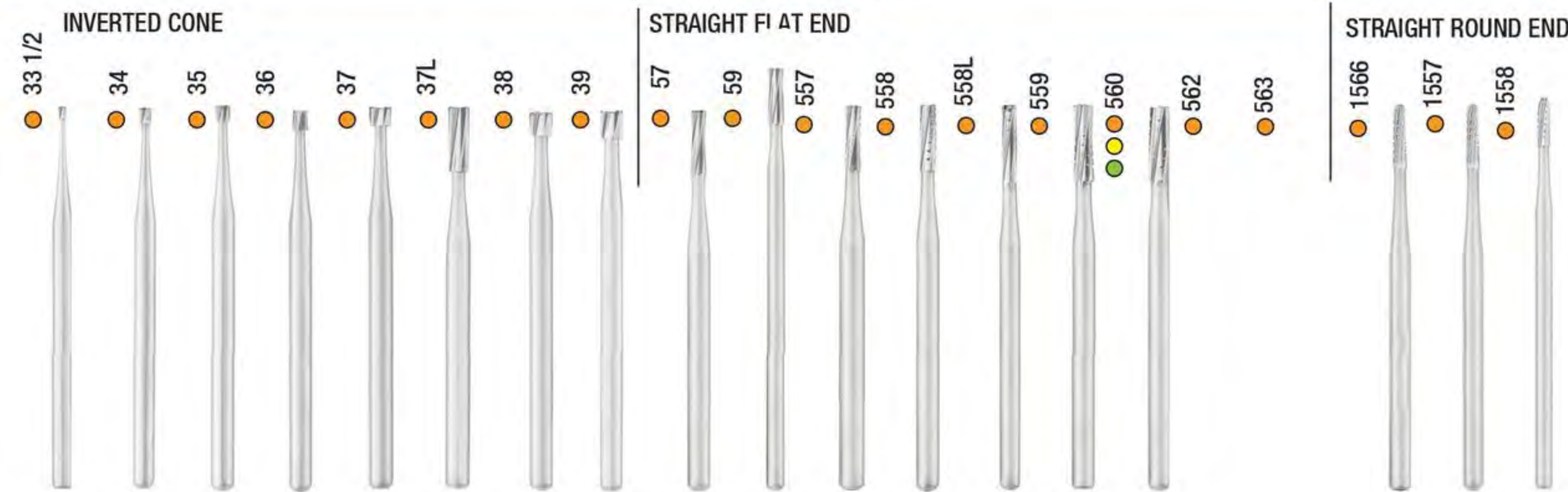
Conduct Post-Procedure Patient Call Backs

When done well, post-treatment calls lead to happier patients and new referrals. We show you how and when to make these important calls.

Oral Surgery Burs



ORAL SURGERY BURS



ORAL SURGERY BURS



SURGICAL BURS

AVAILABLE SURGICAL BUR SHANKS

- FG (FRICTION GRIP)
- RA (RIGHT ANGLE)
- HP (HANDPIECE)



BONE CUTTERS



ZEKRYA BURS



Save
3 to 5
Minutes:
Sectioning
3rd Molars



Combine the
sculpting ability
of a round bur
with a high
performance
of a 703
sectioning bur

Oral Surgery Bur
Shank Length #1-6

(Shank 1 through Shank 6 are Sterile) STERILE R

HP Non-Sterile / 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



Better Patient Outcomes



5 Ways to Stronger Teeth & Longer Lasting Restorations

“Using Fissurotomy® burs can add 12 years of life to the tooth. The reason for failures can be complex but certainly limiting the surface area and forces of mastication while preserving the healthy tissue is key.”

– Dr. Howard Glazer, Past President of the AGD

“SmartBurs®II are one of my top 5 products I use.”

– Dr. Robert A. Lowe, DDS

Legacy Method

Minimally Invasive Method



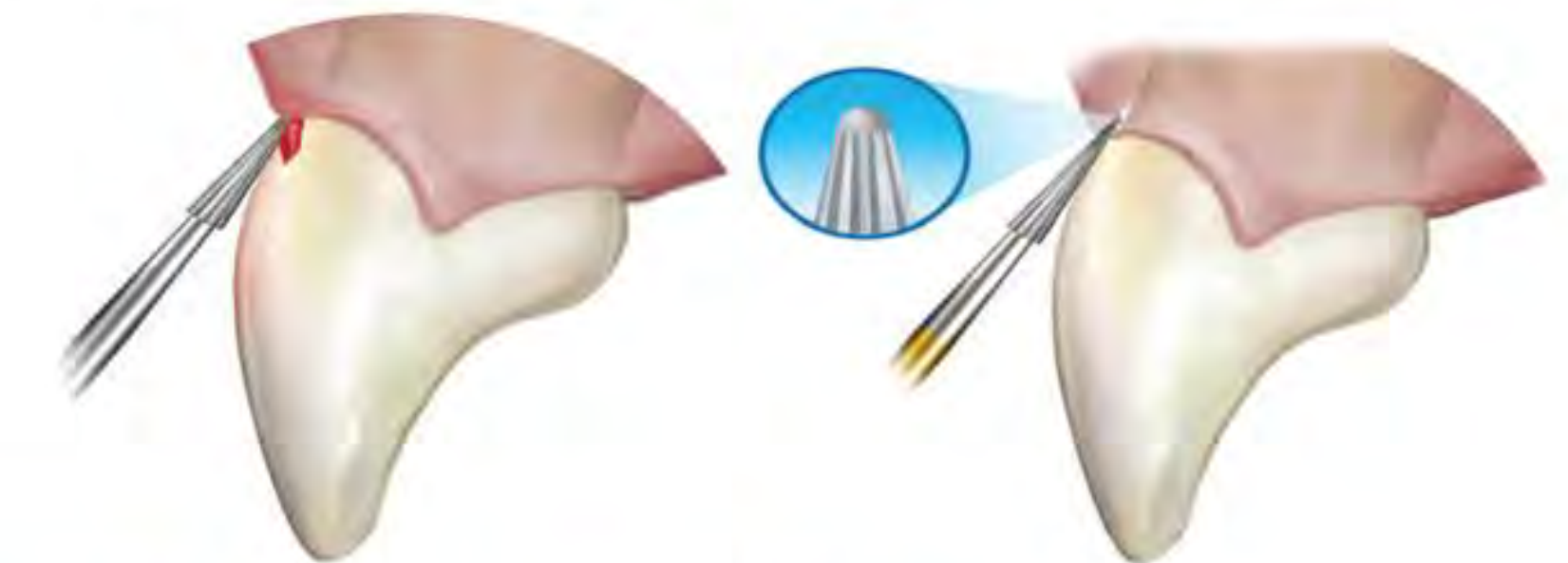
Class I Restoration: Fissurotomy®

557s were designed to help create retentive grooves for amalgam. The Fissurotomy® NTF removes less tooth structure than the 557 and the 330 at 2mm depth.



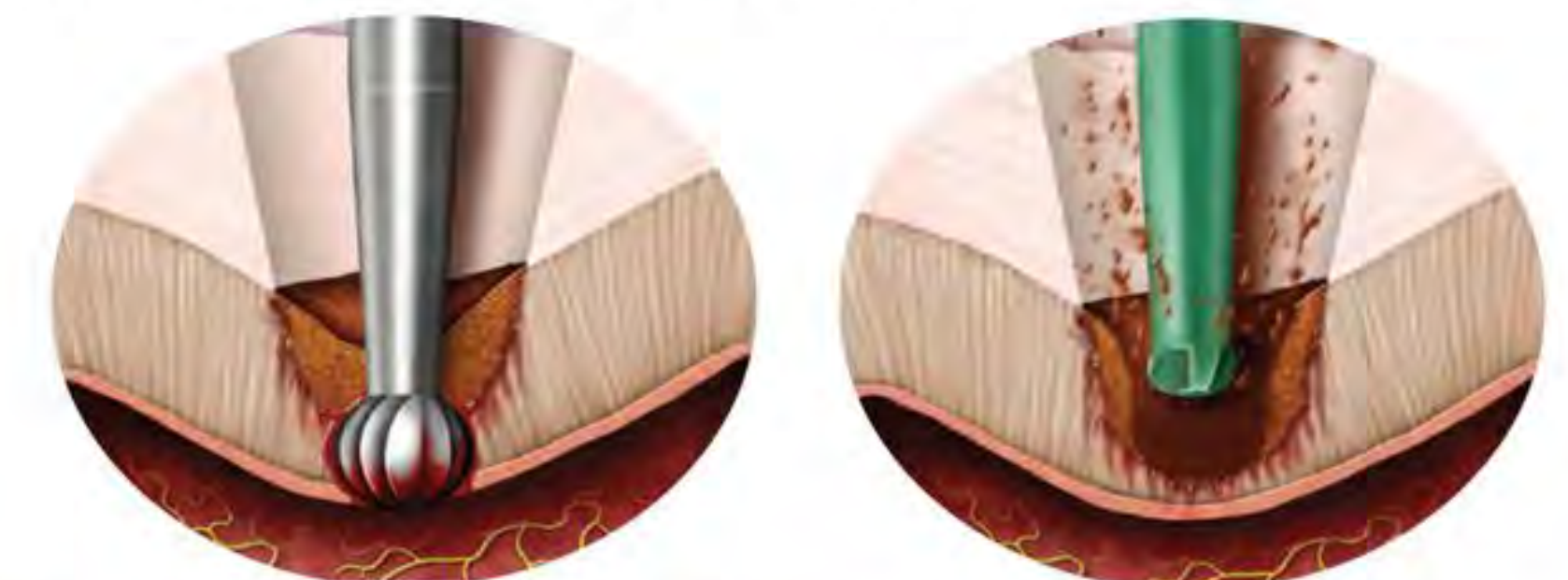
Endodontic Access: EndoGuide®

Round burs were designed to cut both vertically and horizontally, potentially causing run off. EndoGuide® was designed for endo access. The conical shape allows for better feel, accuracy and conservation of healthy dentin.



Finishing at the Gingiva: SafeEnd Finishing Burs

Normal finishing burs and diamonds cut at the tip, which can result in nicked gingiva or inadequate finishing and polishing at the gum line. SS White® Safe Ended Finishing Burs address these issues.



Decay Removal: SmartBurs®II

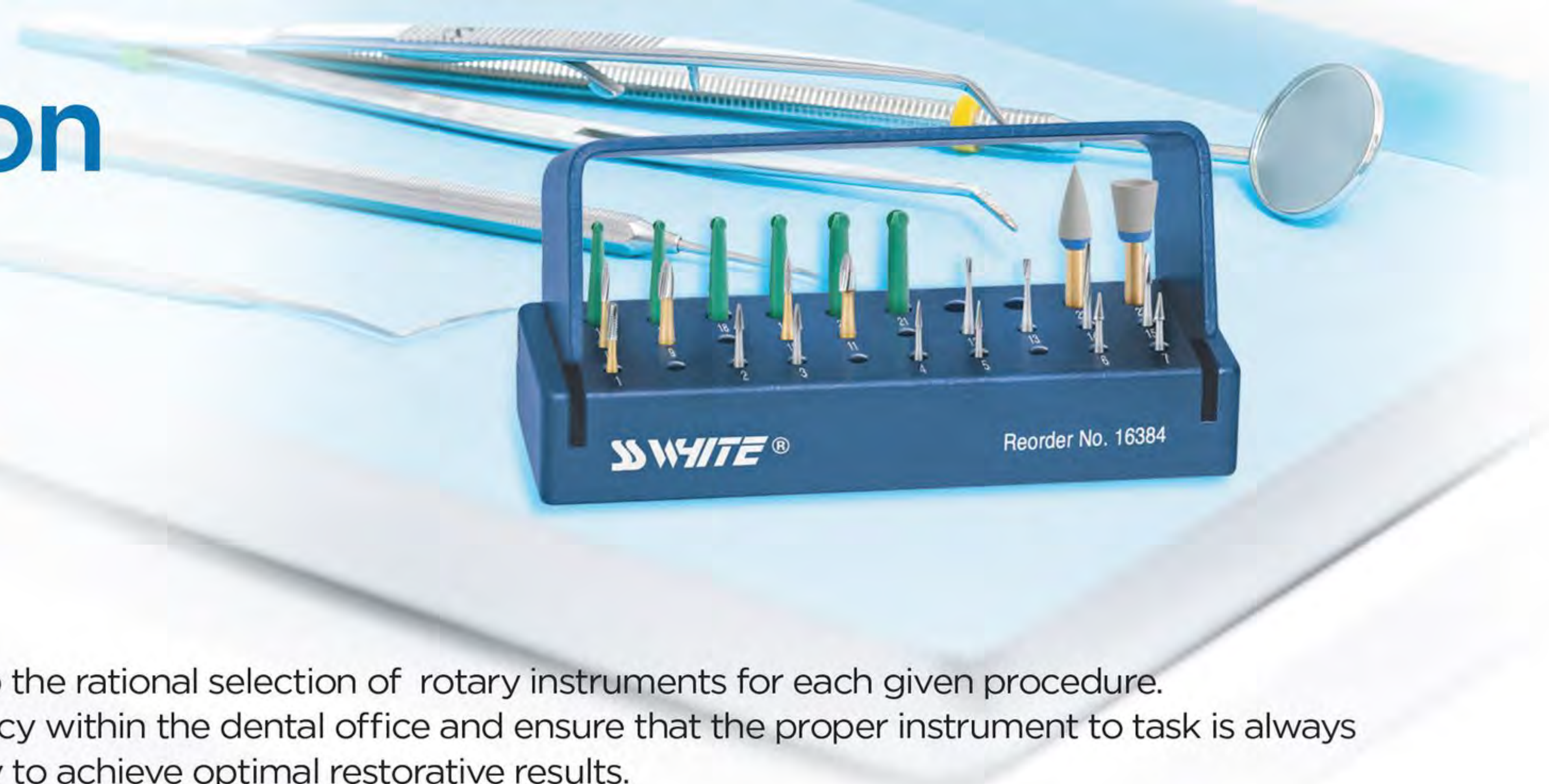
Studies prove that it is impossible to inadvertently cause a pulp exposure with SmartBurs®II, as they are harder than decay yet not as hard as healthy dentin. Studies show that SmartBurs®II are preferred by 84% of patients for comfortable, anesthesia-free removal of decay.



Composite Repair: Fissurotomy®

Removal of the old composite is time-consuming and leads to inadvertent cutting healthy dentin and enamel. Utilizing the Fissurotomy® bur to remove decay and repair leaky composite is a less invasive way to repair and remove composites.

Organization for Every Procedure



SS White® Procedural Kits

Kits provide a systematic approach to the rational selection of rotary instruments for each given procedure. Kits provide 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.

Minimally Invasive



Comfortable Cavity Prep™ Kit
A Comfortable Experience for Your Patients

Fissurotomy® Kit



Minimally Invasive Preparation - Finishing & Polishing Kit

Restorative



Safe End Finishing Bur Kit



Complete Restoration Removal Kit



Complete Composite Finishing and Polishing Kit

Polishing

Jazz® Polishers C2S Composite 2-Step Polishing System



Jazz® Polishers Supreme Composite 1-Step Universal Polishing System



Jazz® P3S Porcelain & Metal Polishing Kit



Scan to View Our Complete Line of Kits

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

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

Bur #	Tip Diameter		Max Diameter	
	MM	Inch	MM	Inch
169	.46	.018	.89	.035
169L	.46	.018	.89	.035
170	.56	.022	.99	.039
170L	.56	.022	.99	.039
171	.76	.030	1.19	.047
699	.46	.018	.89	.035
700	.56	.022	.99	.039
700L	.56	.022	.99	0.3
701	.76	.030	1.19	.0479
701L	.76	.030	1.19	.047
702	1.12	.044	1.60	.063
703	1.55	.061	2.06	.081
1170	.64	.025	.99	.039
1171	.81	.032	1.19	.047

TRIMMING AND FINISHING BURS AND
SAFE END SERIES AVAILABLE IN
FRICTION GRIP ONLY

Oral Surgery Bur Shank Length #1-6

(Shank 1 through Shank 6 are Sterile) STERILE R

HP Non-Sterile / 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



Sterilization and Materials

SS White offers a full line of rotary products in both sterile and non-sterile packaging. We ensure that all of our sterile packed products exceed infection control standards and regulations.



Material Guide

Application	Bur Type	Material	Size (mm)	Speed (RPM)
Cavity Preparation	Standard	Enamel/Dentine	010 to 023	< 450,000
Removal of Fillings	Standard	Amalgam/Composite	010 to 018	60,000 to 120,000
Excavation	Standard	Enamel/Dentine/Bone	010 to 023	< 2,000
Finishing Margins	Finishing	Enamel	010 to 016	10,000 to 20,000
Finishing Restorations	Finishing	Amalgam	012 to 023	18,000 to 30,000
Finishing Restorations	Finishing	Composite	012 to 023	10,000 to 20,000
Finishing Restorations	Finishing	Glass Ionomer	012 to 023	10,000 to 20,000
Cutting Bone	Standard	Bone	018 to 027	500 to 3,000
Crown & Bridge Finishing	Finishing	C&B Polymer	010 to 016	40,000 to 80,000
Crown & Bridge Metal Finishing	Standard	Metals	018 to 027	< 30,000
Prosthetic Polymer Trimming	Standard	Polymer	018 to 027	< 20,000
Endodontic (EndoGuide®)	Specialty	Enamel/Dentin	027 to 034	10,000 to 30,000
Exploration (Fissurotomy®)	Specialty	Enamel/Dentin	0.6 to 1.1	300,000 - 350,000
Cavity Removal (SmartBurs®II)	Specialty	Decay	014 to 023	5,000 - 10,000

Rotary Instrument Reprocessing

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. Instruments indicated as non-sterile single use should be processed following these guidelines before the initial use only and then properly discarded.

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.



SCAN FOR IFUs