



Carbide

SOLUTIONS

Rotary Cutting Instruments

LEADING EDGE CARBIDE TECHNOLOGY

Operatory Burs
Great White™ Series
Fissurotomy® Burs
Trimming & Finishing Burs
Oral Surgery Burs

WYITE®

Changing Dentistry for the Better... Again™



SS White Burs, Inc.
Changing Dentistry for the Better... Again™ Worldwide

Argentina
 Armenia
 Australia
 Austria
 Bolivia
 Brazil
 Brunei
 Bulgaria
 Chile
 Colombia
 Costa Rica
 Cyprus
 Czech Republic
 Denmark
 Ecuador
 Egypt
 El Salvador
 England
 Finland
 Germany
 Greece

Guatemala
 Holland
 Hong Kong
 Hungary
 Israel
 Italy
 Japan
 Korea
 Kyrgyzstan Republic
 Latvia
 Lebanon
 Lithuania
 Malaysia
 Mexico
 Morocco
 New Zealand
 Netherlands
 Nicaragua
 Norway
 Philippines
 Puerto Rico

Dominican Republic
 China
 Romania
 Russia
 Saudi Arabia
 Singapore
 Slovenia
 South Africa
 Spain
 Switzerland
 Syria
 Turkey
 U.A.E.
 Ukraine
 Uruguay
 India
 Poland
 Venezuela
 Vietnam

A Proud Heritage of Innovation, History and Efficiency



SAMUEL STOCKTON WHITE
Founder
1822-1879

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.

To aid in distribution of products and stimulate communication with dentist customers, retail

stores were opened: New York (1846), Boston (1850), Brooklyn (1852), and Chicago (1858). Finding this method inadequate to keep up with demand, the firm then established a system of selling to dealers which could reach dentists at considerable distances and provide them with services they needed.

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 160 Years of Dedication



SS White® introduced the first dental unit with plumbing.

SS White has always strived to bring high quality dental products to market, to enable practitioners to work more accurately and precisely, and to maximize comfort and quality for each and every patient who enters a dental office. The continued enthusiasm of SS White exists in each and every employee still today as we continually work toward creating

innovative products which will advance dentistry.

Innovative and Differentiated Products

1872: First offering of steel burs in round, wheel, cone & inverted cone shapes.

1878: Introduced stoned burs; cutting blades stoned by hand for increased sharpness.

1882: Honed burs introduced; less expensive than stoned burs and provided greater efficiency than regular file cut burs.

1891: Introduced the Revelation® bur, which revolutionized bur manufacturing as it was produced entirely by machinery.



SS White® Ivory Handled Hand Instruments - Circa 1880

1947: Introduced the first carbide bur to the dental profession. Two-piece construction process of a carbide cutting head welded to a steel platform and shank.



1969: First offering of carbide burs for composite preparations.

1977: Introduced amalgam preparation burs.

1989: Introduced surgical length carbide burs.

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A Proud Heritage of Innovation, History and Efficiency

1990: Great White™ restoration removal burs were launched for the rapid and precise removal of all types of semi and non-precious crowns and bridges, amalgams, composites and porcelain.

1991: Sterile single-patient-use diamonds were launched to assist in preventing the risk of cross-contamination and also to provide a fast cutting instrument each and every time.

1999: Fissurotomy® burs were introduced for the early identification and treatment of hidden caries

2001: Launched Express Line® lab metal finishing burs for faster metal finishing.

2003: Introduced Safe End finishing carbide burs.

2004: Great White™ Ultra burs were introduced for fast and smooth crown preparations.

Efficiency

SS White has worked with dentists and dental researchers to develop products that help deliver greater efficiency to the dental practice.

Great White™ Gold Series Operative Carbides: The unique blade geometry provides one of the fastest cutting and efficient operative burs available. Useful for easy crown removal, rapid endodontic access and

quick and smooth amalgam removal. The burs are designed for rapid preparation and tooth reduction with a minimum of chatter.



Great White™ Ultra Crown and Bridge

Preparation Burs:

A more efficient bur for the bulk reduction task in crown prep than traditional diamonds. The scientifically designed blade structure allows debris



to be quickly washed away. This eliminates the "drag" experienced with clogged diamond instruments. In addition, excellent marginal integrity is provided via the cutting blade on the head tip.

Conservation

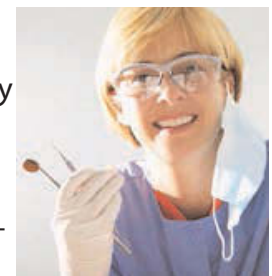
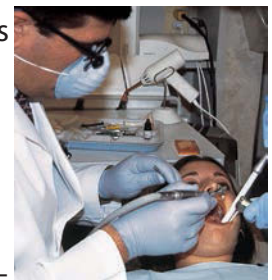
SS White has worked with dentists and dental researchers to develop products that help provide conservative solutions to the dental practice.

Fissurotomy®: SS White worked with Temple University to develop a patented instrument to scientifically examine and excavate suspect pits and fissures for hidden caries. That bur is called the Fissurotomy® bur. This conservatively designed bur allows the explorer to accurately diagnose the presence of decay and also create an ideal cavity form for restoration. The tip head is smaller than a 1/4 round bur shape. The head length is designed to get you just to the DEJ in most cases; thus reducing the need for anesthesia.



Philosophy Remains the Same...

Today, SS White continues on the tradition of the founder of identifying and developing ideas that will improve the quality of dental care or make dentists more efficient. We believe that innovation and the creation of unique and differentiated products are the cornerstone of the company and make SS White one of the most well recognized and trusted name in dentistry today. We are committed to changing dentistry for the better... again.



Our Commitment to Being the Best



Our vision is to be the leading manufacturer of precision rotary cutting instruments, serving worldwide markets.

We can only achieve this goal by providing quality products that deliver total customer satisfaction.

We will conduct our business in an honest and ethical manner.

We will establish an atmosphere of trust and mutual respect with our employees and business partners.



Contact Information

- 1. Call 1-877-SSWBurs (779-2877)** to speak with a SS White Burs Customer Service Representative. 8:00 am to 5:00 pm EST. (Monday thru Friday)
- 2. Fax 1-732-905-0987.**
Fax us your order.
- 3. Contact your dealer of choice.**
- 4. domesticsales@sswhiteburs.com
internationalsales@sswhiteburs.com**



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Trademark Information

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- Great White™ is a trademark of SS White Burs, Inc.

Engineered Like No Other Bur!

Simply stated, "A Bur Is Not A Bur"



Our extensive experience and knowledge results in the production of our high quality line of carbide burs. Many critical factors must be monitored and considered in the manufacturing process to ensure the consistent, high-quality performance of an SS White Bur.

SS White brings over 160 years of continuous improvement in the design and manufacturing of dental instruments. If it's from SS White, it's second to none.



General Information

Shank Types

FG (Friction Grip)



Shank Diameter
.0630" 1.60mm

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

Overall Length
.748" 19.0mm

SS (FG Short Shank)



Shank Diameter
.0630" 1.60mm

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.

Overall Length
.670" 17.0mm

FG SL (FG Surgical Length)



Shank Diameter
.0630" 1.60mm

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

Overall Length
.984" 25.0mm

RA (Right Angle)



Shank Diameter
.0925" 2.35mm

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

Overall Length
.886" 22.5mm

RA SL (Right Angle Surgical Length)



Shank Diameter
.0925" 2.35mm

Overall Length
1.024" 26.0mm

HP (Handpiece)



Shank Diameter
.0925" 2.35mm

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

Overall Length
1.752" 44.5mm

±0.001
-0.030

✓ POWERFUL CUTTING PERFORMANCE

Carefully designed blade structure, rake angle, flute depth and spiral angulation combined with our specially formulated tungsten carbide results in the powerful cutting performance of our burs. SS White burs are engineered to deliver the most efficient cutting rate & performance for the most popular procedures.



✓ MAXIMUM STRENGTH & DURABILITY

Proper selection of tungsten carbide and high quality steel combined with a specialized heat treatment process and controlled welding operation creates the optimum conditions required to attain the impressive strength and durability of an SS White bur.

✓ CONSISTENT QUALITY

SS White is ISO 9001, EN46001 and CE Mark Certified which means an SS White bur is manufactured to the highest quality standards. You can depend on the consistent quality of a SS White bur... in all ways, always.



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ROUND BURS



The smaller SS White round burs are popular for the preparation of conservative single surface cavities. Medium sizes may be used for interproximal cavities in anterior teeth (Class III). Additional applications include gaining root canal access both anteriorly and posteriorly.

Bur No.	1/4	1/2	1	2	3	4
FG	17839	14961	14964	14967	14968	14970
FG (bulk)	13014	13012	13001	13002	13030	13004
SS		14962	14965	15039	14969	17654
SS (bulk)		13013	13010	13022	13031	13041
RA		14717	14718	14721	14724	14727
RA (bulk)				13802		13804
HP	14820	14821	14823	14826	14829	14832
HP (bulk)		12012	12001	12002		12004

Round

Bur No.	5	6	7	8	10
FG	14971	14973	14974	17706	
FG (bulk)	13005	13006	13007	13008	
SS		17657			
SS (bulk)		13066			
RA	14730	14733	14736	14739	
RA (bulk)		13806		13808	
HP	14835	14838	14841	14844	14846
HP (bulk)		12006		12008	

Round

*Standard
operator burs
available in 10-packs.
Bulk 100-pack and 5-packs where indicated.*









For Customer Service Call 1-800-535-2877






PEAR-SHAPE BURS



This shape may be used for much of the preparation of conservative to moderately large occlusal cavities and also for Class III interproximal cavities in anterior teeth. SS White burs will produce rounded internal line angles and occlusally convergent lateral walls for conservative preparation in premolars and molars.

						
Bur No.	1/2 P	1P	2P	4P	329	330
FG	17731	17732	17733	17734	14999	15001
FG (bulk)	13015	13011	13003	13040	13291	13330
SS		17840				15002
SS (bulk)		13009				13290
RA						14764

Pear

					
Bur No.	331	332	330L	331L	332L
FG	15004	15005	15008	15037	15038
FG (bulk)	13331	13332	13300	13333	13334
RA	14765			14768	

Pear



INVERTED CONE



Inverted cone burs are used primarily for producing undercuts at the junction of the pulpal floor and lateral walls in occlusal (Class I), cervical (Class V) cavities, and in the occlusal locks of the Class II cavities. Inverted cone burs are also useful for flattening pulpal and gingival walls. SS White blades are slightly rounded at the corners as an added protection against chipping and to give slightly rounded angles in keeping with adhesive guidelines.

Bur No.	33 1/2	34	35	36
FG	14979	14982	14985	14986
FG (bulk)	13033	13034	13035	13036
SS	14980	14983	15042	
SS (bulk)	13032	13043	13053	
RA	14744	14745	14748	14751
HP	14849	14850	14853	14856

Inverted Cone

Bur No.	37	37L	38	39
FG	14988	15027	14989	14990
FG (bulk)	13037	13070	13038	13039
SS	15026			
SS (bulk)	13073			
RA	14754	14799	14757	14760
HP	14859	14904	14862	14865

Inverted Cone



For Customer Service Call 1-800-535-2877

STRAIGHT/FLAT END PLAIN FISSURE



These SS White burs may be used wherever straight parallel sides and flat floors are desired. Some applications are: establishing of initial outline form, gaining access to carious dentin and preparation of lateral walls.

Bur No.	56	57	57L	58	59
FG	14991	14994	15028	14996	
FG (bulk)	13056	13057	13074	13058	
SS	16893	14995		14993	
SS (bulk)	13065	13075		13085	
RA		14761			14763
HP		14867			14868





Straight/Flat End Plain

Standard Operator Carbides







STRAIGHT/FLAT END CROSSCUT FISSURE



				
Bur No.	556	557	558	559
FG	15003	15006	15009	15034
FG (bulk)	13556	13557	13558	13509
SS	15058	15045	15048	
SS (bulk)	13506	13500	13550	
RA		14766	14769	14772
HP		14871	14874	14877

Straight/Flat End Cross Cut



				
Bur No.	560	556L	557L	558L
FG	15035	15059	15032	15033
FG (bulk)	13560	13507	13577	13551
RA	14775			14802
HP	14880			14907

Straight/Flat End Cross Cut

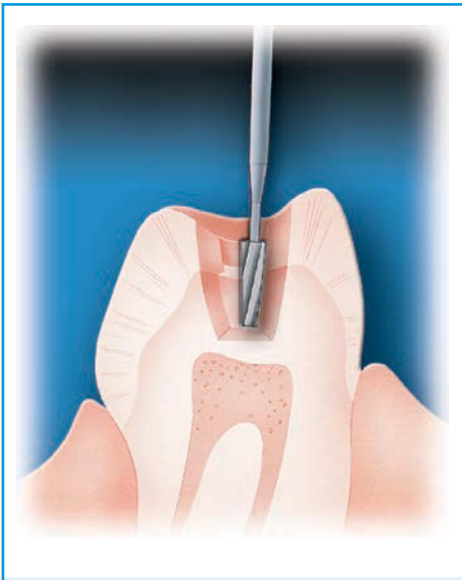
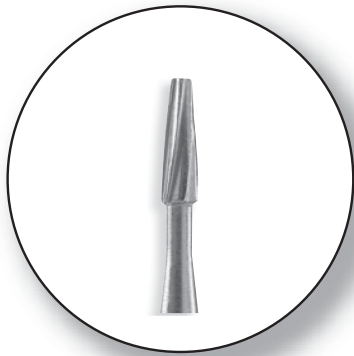
These SS White burs may be used wherever straight parallel sides and flat floors are desired. Some applications are: establishing of initial outline form, gaining access to carious dentin and preparation of lateral walls.

Standard Operator Carbides







For Customer Service Call 1-800-535-2877





TAPER/FLAT END PLAIN FISSURE



Whenever taper is required on cavity walls, such as for inlay or onlay preparations for cast gold, ceramic, or composite resin, SS White taper-fissure burs will accurately cut with a fine degree of divergence and facilitate the avoidance of undercuts.

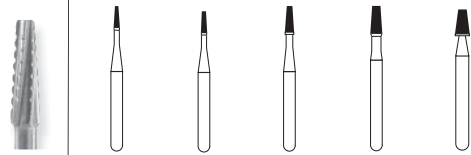
			
Bur No.	169	170	171
FG	16884	14997	15000
FG (bulk)	13169	13170	13171
SS			17660
SS (bulk)			13173
RA		14758	14759

Taper/Flat End Plain

			
Bur No.	169L	170L	171L
FG	16887	15030	15031
FG (bulk)	13168	13172	13174

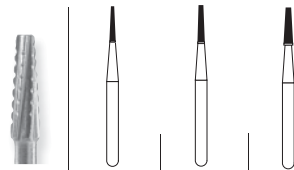
Taper/Flat End Plain

TAPER/FLAT END CROSS CUT FISSURE



Bur No.	699	700	701	702	703
FG	16890	15012	15015	17608	15017
FG (bulk)	13699	13707	13701	13702	13703
SS	16891	15051	15016		
SS (bulk)	13698	13708	13700		
RA		14778	14781	14784	14787
HP	14882	14883	14886	14889	14892
HP (bulk)			12701	12702	12703

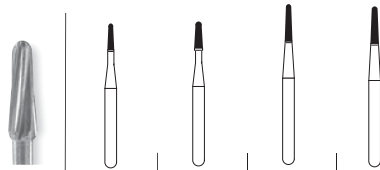
Taper/Flat End Cross Cut



Bur No.	699L	700L	701L
FG	16892	16894	15036
FG (bulk)	13697	13709	13710
RA			14805
HP			14910

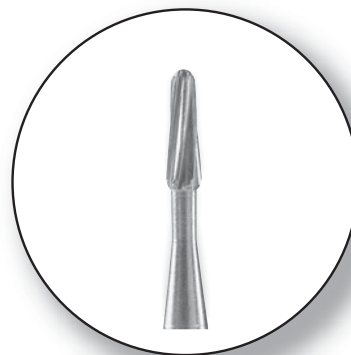
Taper/Flat End Cross Cut

TAPER/ROUND END PLAIN FISSURE



Bur No.	1170	1171	1170L	1171L
FG	17712	17714	17716	17717
FG (bulk)	13117	13114	13119	13113
SS	17713	17715		
SS (bulk)	13118	13112		
RA	14789	14791		

Taper /Round End Plain

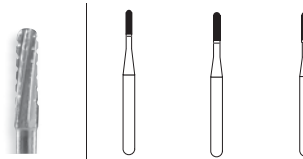


For Customer Service Call 1-800-535-2877

STRAIGHT/ROUND END CROSSCUT FISSURE



The combination of a round head and straight fissure avoids the necessity of changing burs for the two operations of enamel penetration and side cutting. Ideally suited to the preparation of minimal occlusal fissure (Class I) cavities in premolars and molars. An additional feature is the development of rounded internal line angles which increases the dispersion of mastication forces.



Bur No.	1556	1557	1558
FG	15020	15021	15024
FG (bulk)	13516	13559	13580
SS	15019	15022	15025
SS (bulk)	13515	13517	13581
RA	14792	14793	14796
HP	14897	14898	14901
HP (bulk)		12057	12058

Straight/Round End Cross Cut

STRAIGHT/ROUND END PLAIN FISSURE

Bur No.	1156	1157	1158
FG	17707	17708	17709
FG (bulk)	13156	13157	13158
SS	17710	17711	17705
SS (bulk)	13155	13154	13153
RA		14798	

Straight/Round End Plain



Standard Operator Carbides

END CUT



Bur No.	956	957
FG	15007	15018
FG (bulk)	13956	13957
RA		14790
HP		14895
End Cut		

WHEEL

Bur No.	14
FG	14976
FG (bulk)	13140
RA	14742
HP	14847
Wheel	



AMALGAM



Bur No.	244	245	246	256	257	271
FG	15060	15052	15053	15054	15055	15056
FG (bulk)	13244	13245	13246	13256	13257	13271
SS		15057				
SS (bulk)		13243				
Amalgam Prep						



For Customer Service Call 1-800-535-2877

SURGICAL AND ENDODONTIC LENGTH



Bur No.	1	2	4	6	8
FG	14001-5	14002-5	14004-5	14006-5	14008-5
RA		14112-5	14114-5	14116-5	14118-5

Surgical & Endodontic Length

Bur No.	557	558	1557	1558
FG	14057-5	14058-5	14059-5	14060-5
RA	14157-5	14158-5	14159-5	

Surgical & Endodontic Length



Bur No.	700	701	702	703	1702	1703
FG	14070-5	14071-5	14072-5	14073-5	14074-5	14075-5
RA			14172-5	14173-5	14174-5	14175-5

Surgical & Endodontic Length

Surgical & Endo Length

experience
the difference.



GREAT WHITE™ Gold Series

Advanced Technology for Optimal Performance!

Great White™ Gold Series burs have a unique state of the art design. By increasing dentates and incorporating an enhanced blade geometry, the Gold Series bur cuts faster than a standard dentated (crosscut) bur and smoother than a straight bladed bur.

Crown Cutting/Removal

Use the enhanced neck strength and faster cutting rate of a single Great White Gold Series bur to efficiently cut slots through any metal crown.

Rapid Endodontic Access

Select the appropriate Great White Gold Series round bur (GW #2R, GW #4R, GW #6R, GWSL #6R or GW #8R) to penetrate the restoration and or tooth structure to create endo access.

Note: If you are creating access in a PFM Crown and intend to preserve the crown, penetrate the porcelain using a round diamond. Then switch to the appropriate GW bur to complete the access. (Try the Piranha® Diamond #801-016)

Faster, Smoother Cavity Preparations

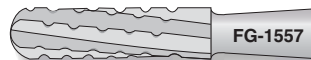
- Aggressively cuts tooth structure and restorative materials.
- Does not grab, catch, stall or break in harder to cut materials such as amalgam, composite, semi-precious and non-precious castings.

Straight Bur



Smooth cutting, but slow and can have difficulties cutting harder materials.

Dentated bur



Faster cutting, but has a tendency to chatter more than the straight bur.

SS White Great White™ Bur



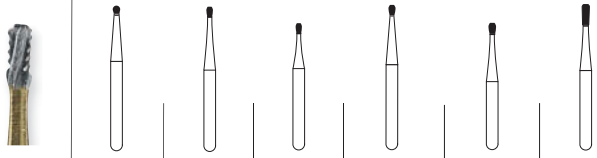
Faster & smoother cutting. Less likely to grab, catch or stall in harder to cut materials.



For Customer Service Call 1-800-535-2877



GREAT WHITE™ PEAR



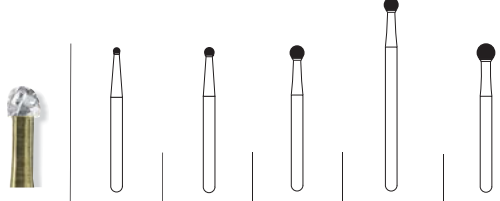
Bur No.	GW2P	GW330	GW330S	GW1 ₍₃₃₁₎	GW1S	GW245
10 PACK	18209	18210	18211	15061	15063	18212
100 PACK		13090		13093	13094	13089

Pear

GREAT WHITE™ ROUND



Easy Endo Access



Bur No.	GW2R	GW4R	GW6R	GWSL6R	GW8R
10 PACK	18202	18204	18206	18207-5	18208
100 PACK	13086	13087	13088		

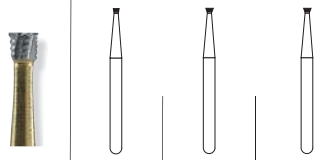
Round

Available in 5-Packs

GREAT WHITE™ INVERTED CONE



Faster & Smoother
Cavity Preps



Bur No.	GW34	GW35	GW37
10 PACK	18214	18215	18216

Inverted Cone

GREAT WHITE™ STRAIGHT FISSURE



Quick Crown Removal

The GW #2 is an ideal instrument for PFM crown and non-precious metal removal

The GW #2 is also ideal for quick titanium abutment adjustments without the sparking associated with diamonds, and for removing old restorations in secondary decay.

Bur No.	GW556	GW557	GW557S	GWSL557
10 PACK	18217	18218	18219	18220-5
100 PACK		13091		

Straight Fissure

Bur No.	GW558	GW1557	GW2(1558)	GW2S
10 PACK	18222	18221	15062	15064
100 PACK		13092	13095	13096

Straight Fissure

Available in 5-Packs

GREAT WHITE™ TAPER FISSURE

Bur No.	GW701	GW702
10 PACK	18223	18224

Taper Fissure



For Customer Service Call 1-800-535-2877

New... For Crown Preps!



Experience a unique carbide bur specifically designed to offer a **FASTER** alternative to diamonds in the crown preparation procedure.

- ✓ Complete bulk reduction; cut through old amalgam and finish with one instrument.
- ✓ Dentated carbide specifically designed for superb cutting action.
- ✓ Cuts fast with minimal clogging.
- ✓ Smooth tip helps ensure marginal integrity.

Versatile Performance

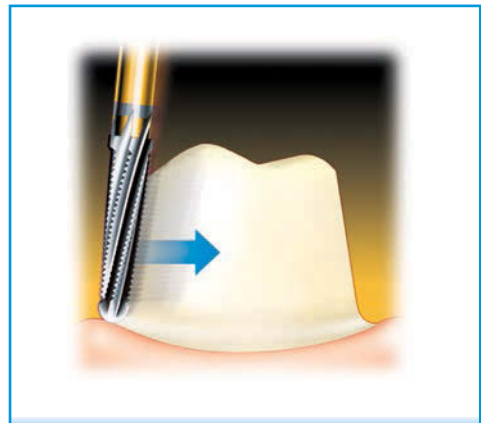
Shoulder Finish Line



Our 847 Series is designed to develop a 90° axial-gingival line angle suitable for anterior all ceramic and PFM restorations.

*Note: Radial break on bur edge eliminates acute line angle.

Chamfer Finish Line



Our 856 Series is designed to create a rounded axial-gingival line angle for metal to ceramic restorations.

Great White™ Ultra

GREAT WHITE™ ULTRA ROUND END TAPER



For use on Chamfer crown & bridge preparation.

Bur No.	GWU 856-016	GWU 856-018	GWU 856-020	GWU 856-023	GWU 855-025
5 PACK	18198-5	18188-5	18189-5	18190-5	18194-5
Round End Taper					

GREAT WHITE™ ULTRA FLAT END TAPER



For use on Shoulder crown & bridge preparation.

Inlay/Onlay Preparations
 GWU 845 series is ideal for the initial reduction and the contouring of internal walls for inlay and onlay preparations. This flat end taper is ideal for preparation of the proximal box with divergent walls with an approximate 6° angle.

Bur No.	GWU 847-016	GWU 847-018	GWU 847-020
5 PACK	18200-5	18191-5	18192-5
Flat End Taper			

Bur No.	GWU 845-016	GWU 845-018	GWU 845-025
5 PACK	18195-5	18196-5	18197-5
Flat End Taper			



For Customer Service Call 1-800-535-2877

GREAT WHITE™ ULTRA FOOTBALL



For use on Occlusal/Lingual Reductions - our GWU 379-023 football shaped bur provides an ideal shape for the concave, lingual surface of the anterior teeth.



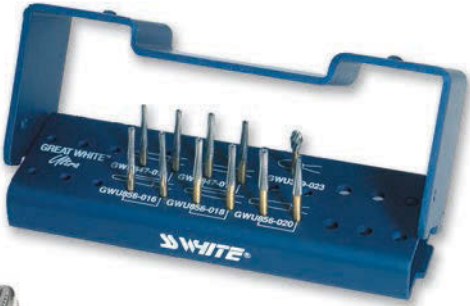
**GREAT WHITE™
ULTRA**

CROWN & BRIDGE PREPARATION KIT

KIT INCLUDES:

- 1 - Autoclavable Bur Block
- 2 - GWU #856-016
- 2 - GWU #856-018
- 2 - GWU #856-020
- 1 - GWU #379-023
- 2 - GWU #847-016
- 2 - GWU #847-018

Order #18150

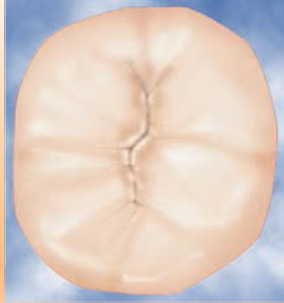


Great White™ Ultra



The Fissurotomy® Bur...

A conservative solution to suspect fissures



Problem: Hidden Caries

Increased fluoride use has made it difficult to detect fissure caries using explorers and x-rays. A large percentage of suspect fissures have decay present.



No Stick



No X-Ray Evidence



Decay Present

Studies have shown that over 90% of pits and fissures with subsurface staining and white decalcification have decay present.

SOLUTION: The Fissurotomy® Bur

The scientifically developed instrument for the conservative diagnosis and treatment of hidden caries.

- ◆ 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....in most cases no anesthesia is needed.
- ◆ Ideal cavity prep form.
- ◆ Cleaner, faster, more controlled and less costly than air abrasion.
- ◆ May perform multiple preps in the same amount of time it takes to do a single prep with anesthesia. Results in more efficiency for your practice.



Fissurotomy Bur creating access



Fissure is clean & contoured

Fissurotomy® Burs have a 100% rating from an independent non-profit dental products testing laboratory.

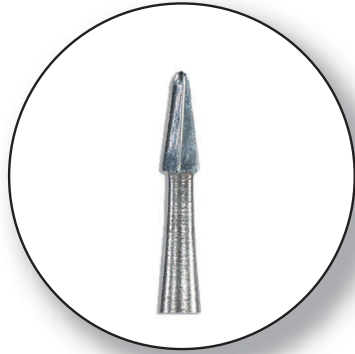
RESULT: Conservative Prep

The Fissurotomy® Bur allows for exploration of fissures. It is virtually pain-free (to the DEJ) and creates an ideal cavity form. You can explore and restore in just 3-5 minutes.



For Customer Service 1-800-535-2877

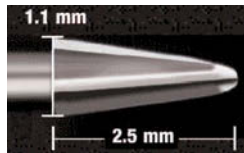
FISSUROTOMY® BURS



Bur No.	Orig.	NTF	STF
FG	18010	18014	18013
FG (bulk)	13097	13100	13099
SS	18011	18016	18015
SS (bulk)	13098		

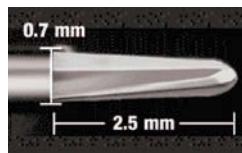
Fissurotomy® Burs

Fissurotomy® Original



For the conservative pit/fissure exploration of adult molars.

**Fissurotomy® Micro NTF
(Narrow Taper Fissure)**



For the ultraconservative pit/fissure exploration of adult molars.

**Fissurotomy® Micro STF
(Shallow Taper Fissure)**



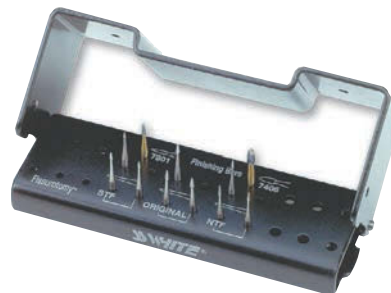
For use in primary teeth, adult premolars and enamelplasty.

FISSUROTOMY®
Diagnostic & Finishing Bur Kit

Kit Contains:

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

Order #18007

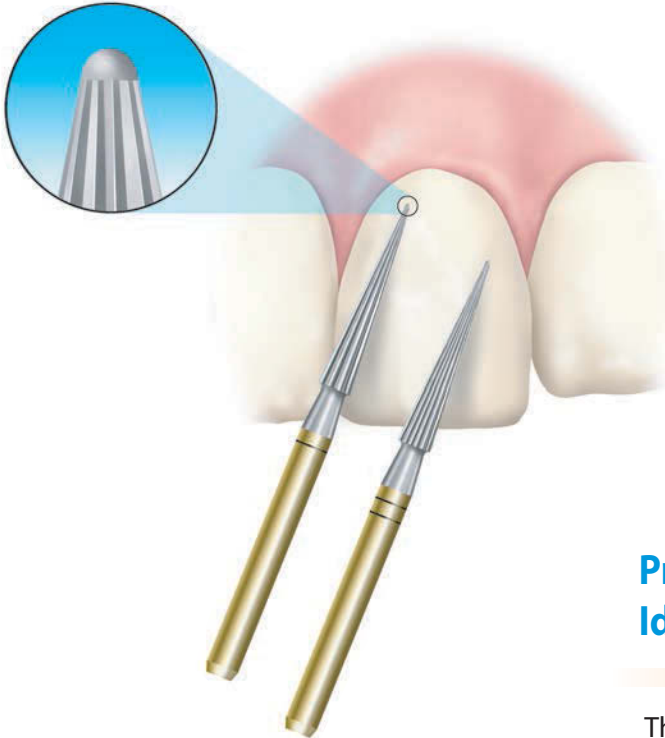


Fissurotomy® Burs

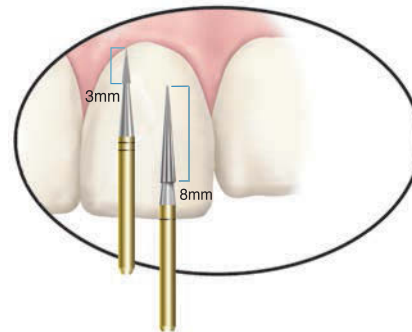


SafeEnd SERIES

Carbide Multi-Bladed Finishing Instruments for Composite Restorations



Procedure Specific Instruments



Procedure Specific Instrument: Ideal Lengths to Contour

Designed to Trim & Finish

The Safe End #3 and #4 instruments are shaped to provide the ideal straight-line emergence profile of natural teeth.

The non cutting tip is designed to trim and finish sub-gingival cosmetic restorations without damaging the sub-gingival margin and tissue.



These procedure specific instruments have dimensions that correspond to the area of the tooth being restored.



Ultimate in Efficiency

Other competitive burs of this type use a sequence of three burs. SS White's system uses two burs to accomplish the same procedure, therefore becoming more efficient for the practice.



For Customer Service 1-800-535-2877

SAFE END TRIMMING & FINISHING BURS



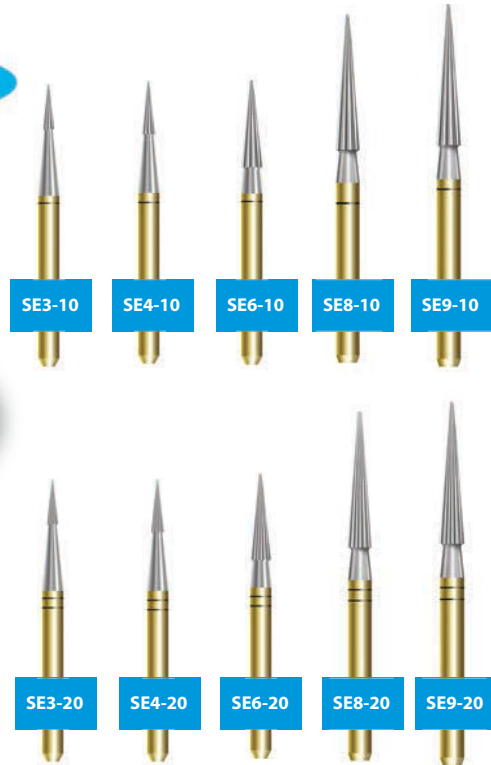
Bur No.	SE3-10	SE4-10	SE6-10	SE8-10	SE9-10
10-Blade	16006-5	16007-5	16007-5	16009-5	16010-5
Bur No.	SE3-20	SE4-20	SE4-20	SE8-20	SE9-20
20-Blade	16030-5	16031-5	16031-5	16033-5	16034-5
Safe End Burs					

SafeEnd
SERIES

Trimming & Finishing Bur Kit



Kit contains:
 One each of the following Safe End Series Burs in an autoclavable bur block.
 SE3-10, SE3-20, SE4-10, SE4-20, SE6-10, SE6-20, SE8-10, SE8-20, SE9-10, SE9-20
 Order # 16051



Trimming & Finishing Burs



12 & 30 Bladed

Finishing Burs

...are specifically designed for the shaping and finishing of all dental materials.

A smoother, more aesthetically pleasing surface can be achieved with carbide finishing burs as opposed to diamonds for most restorative materials. Carbide burs should be used to trim and finish macrofilled composites and hybrid composites.

Grinding & polishing diamonds should be used to trim and finish microfilled composites. Coarse grinding tools leave behind striations; fine and extra fine diamonds are suitable for finishing.



SS White's unique spiral design allows blades to continually remain in contact with the cutting surface, resulting in a smoother finish with less vibration.

TWELVE BLADED

Twelve bladed finishing burs provide a smooth finish on composite, amalgam, enamel, dentin, ortho debonding and other dental materials. Designated by the 7000 series #. Ideal for controlled contouring and finishing.

THIRTY BLADED

Thirty bladed burs will eliminate most surface striations and are recommended to be used prior to abrasive polishing instruments. These instruments are designed to reduce the "shiny dull" phenomenon and save additional polishing time. Designated by the 9000 series #. Ideal for final surface refinement and satin polishing.



For Customer Service 1-800-535-2877

ROUND TRIMMING & FINISHING BURS



SS White® round burs are ideal for:

- Contouring and finishing restorations
- Root planing
- Bone contouring and smoothing

Bur No.	7002	7003	7004
12-Blade	15102-5	15103-5	15086-5
Bur No.			FF9004
30-Blade			14304-5

Round

Bur No.	7006	7008	7009
12-Blade	15088-5	15090-5	15109-5
Bur No.	FF9006	FF9008	
30-Blade	14306-5	14308-5	

Round

FLAME TRIMMING & FINISHING BURS



Bur No.	7104	7106	7108
12-Blade	15091-5	15094-5	15108-5

Flame

CONE TRIMMING & FINISHING BURS



INVERTED TAPER TRIMMING & FINISHING BURS



Trimming & Finishing Burs



For Customer Service 1-800-535-2877

EGG TRIMMING & FINISHING BURS



Bur No.	7379	7404	7406	7408
12-Blade	15379-5	15106-5	15095-5	15408-5
Bur No.			FF9406	
30-Blade			14316-5	
Egg				



Occlusal Margin

This shape may be used for the contouring and finishing of occlusal and lingual surfaces. SS White egg shaped finishing burs are also useful for occlusal adjustments on anterior and posterior teeth.

Trimming & Finishing Burs



STRAIGHT TRIMMING & FINISHING BURS



Bur No.	7572	7583
12-Blade	15572-5	15096-5
Bur No.	FF9561	FF9572
30-Blade	14361-5	14372-5

Straight

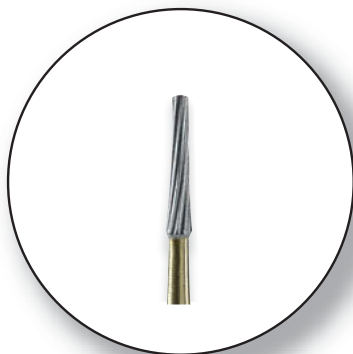
EXTRA LONG TAPER TRIMMING & FINISHING BURS



Bur No.	7642	7664
12-Blade	15642-5	15664-5
Bur No.	FF9642	
30-Blade	14342-5	

Extra Long Taper

TAPER TRIMMING & FINISHING BURS



Bur No.	7702	7713
12-Blade	15702-5	15713-5
Bur No.		FF9713
30-Blade		14313-5

Taper



BULLET TRIMMING & FINISHING BURS



Bur No.	7801	7802	7803	
12-Blade	15801-5	15802-5	15092-5	
Bur No.			FF9803	
30-Blade			14333-5	

Bullet

NEEDLE TRIMMING & FINISHING BURS



Interproximal Cavosurface Margin

The SS White needle shape burs are excellent for the contouring and finishing of: interproximal margins, occlusal margins, facial surfaces and cavosurface margins.

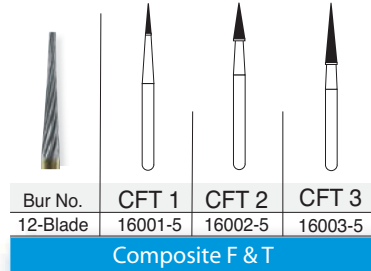


Bur No.	7901	7902	7903	
12-Blade	15121-5	15093-5	15903-5	
Bur No.			FF9903	FF9904
30-Blade			14343-5	14314-5

Needle



COMPOSITE TRIMMING & FINISHING BURS

**Facial Surface Margin**

The SS White CFT (composite, finishing and trimming) burs are ideal for the contouring and finishing of restorative materials subgingivally, cavosurface margins and facial surfaces. The straight bur helps to avoid concavity when finishing composites.



For Customer Service Call 1-800-535-2877

EXPRESS LINE®

Lab Metal Finishing Burs

Technique For High Speed Metal Finishing

SS White® friction grip dental laboratory burs are designed to decrease metal finishing time substantially, while helping to reduce the associated physical stress in the process.

Equipment Requirements:

- High-Speed friction grip handpiece
- Protective eyewear and apron

Safety First:

1. Perform metal finishing in front of a local exhaust station.
2. Wear a full-face shield, or a face mask and safety eyeglasses.
3. Wear a nylon or plastic bib or apron.
4. Metal particles can irritate. Do not touch or rub eyes or face when metal finishing.
5. Wash hands immediately after metal finishing.
6. If skin is sensitive, wear fitted latex gloves during metal finishing.



Instructions For Use

NOTE: For best results use a pencil grip grasp and light pressure. Place the bur on the metal surface and move the rotating bur toward you.

STEP 1: Gross Reduction

Begin gross reduction of the coping (metal substrate) at the sprue area with the EL1. Continue gross reduction of excessive bulk, contouring the metal into the general shape and thickness desired.

STEP 2: Gross Reduction

Further gross reduction may also be accomplished by using the EL2 to finish around metal collars, pontic connectors, and chamfer margins where a designated con-

tour is required.

STEP 3: Textured Finish

Now that the coping (metal substrate) has been contoured to the desired thickness, use the EL3 to place a textured finish on all porcelain bearing surfaces in preparation for porcelain application.

STEP 4: Textured Finish

Use the EL4 to finish all porcelain-bearing surfaces at chamfered margins, under pontics, and at embrasures to attain a textured finish in preparation for porcelain application.

Bur No.	EL-1	EL-2	EL-3	EL-4	EL-5
FG (25 mm)	16101	16102	16103	16104	16105
Express Line® Lab Metal Finishing Burs					

EXPRESS LINE® Lab Metal Finishing Bur Kit

Kit contains:
One each of the following Express Line Lab Metal Finishing Burs in an acrylic block:
EL1, EL2, EL3, EL4, EL5, FG7006

Order #16100



ORAL SURGERY BURS



Less Clogging
Bone removal and discharge of material is done efficiently due to SS White's unique blade geometry.



Fast Cutting
Sectioning teeth into manageable components can be done quickly using SS White burs.



Shape Selection

	SHAPE #	HEAD DIA.	Shank #1 SSW #	Shank #2 SSW #	Shank #3 SSW #	Shank #4 SSW #	Shank #5 SSW #	Shank #6 SSW #	Surgical Length	
									SLRA	SLFG
Round										
	1	1.0	14823							(5-Packs) 14001
	2	1.2	14826						14112	14002
	4	1.4	14832						14114	14004
	6	1.8	14838	30020	30035	30050	30060	30000	14116	14006
	8	2.3	14844	30021	30036	30051	30061	30001	14118	14008
	10	2.7	14846							
Cross Cut Fissure										
	557	1.0	14871						14157	14057
	558	1.2	14874						14158	14058
	560	1.6	14880			30052		30002		
	1557	1.0	14898						14159	14059
	1558	1.2	14901							14060
	700	1.0	14883							14070
	701	1.2	14886	30022		30053	30062			14071
	701L	1.2	14910							
	702	1.6	14889	30023	30037	30054	30063	30003	14172	14072
	702L	1.6	14890	30024		30055	30064	30004		
	1702	1.6	14916						14174	14074
	1702L		14917							
	703	2.1	14892	30025	30038	30056	30065	30005	14173	14073
	703L	2.1	14893	30026	30039	30057	30066	30006		
	1703	2.1	14914	30027	30040	30058	30067	30007	14175	14075
	1703L	2.1	14915	30028		30059	30068	30008		

Sterile Packaging Available in Shanks 2-6

Shank #1



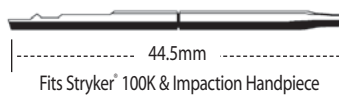
Shank #2



Shank #3



Shank #4



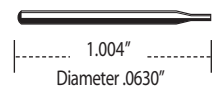
Shank #5



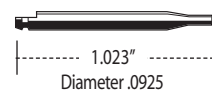
Shank #6



Friction Grip Surgical Length



Right Angle Surgical Length



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



For Customer Service Call 1-800-535-2877

BUR ACCESSORIES

BUR BLOCKS & BRUSHES

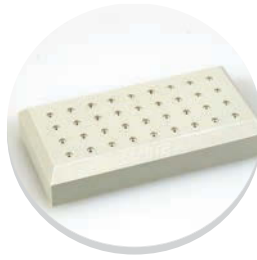
**Wire
Cleaning Brush**
(Autoclavable)
#26040



**FG
Thermo block**
(Autoclavable)
#16392



**HP/RA
Thermo block**
(Autoclavable)
#16407



**Universal
Aluminum Block**
(Autoclavable)
#16391



CARBIDE BURS - Maximum Head Diameters in Millimeters & Inches

Bur#	MM	Inch	Bur#	MM	Inch	Bur#	MM	Inch	Bur#	MM	Inch
1/4	.51	.020	330	.79	.031	57	.99	.039	1558	1.19	.047
1/2	.61	.024	331	.99	.039	57L	.99	.039	558L	1.19	.047
1	.79	.031	331L	.99	.039	58	1.19	.047	559	1.40	.055
2	.99	.039	332	1.19	.047	59	1.40	.055	560	1.60	.063
3	1.19	.047	332L	1.19	.047	556	.79	.031	956	.79	.031
4	1.40	.055	14	1.19	.047	1156	.79	.031	957	.99	.039
5	1.60	.063	331/2	.61	.024				244	.69	.027
6	1.80	.071	34	.9	.031	1556	.79	.031	245	.89	.035
7	2.11	.083	35	.99	.039	556L	.79	.031	246	1.09	.043
8	2.1	.091	36	1.19	.047	557	.99	.039	256	.81	.032
1/2P	.61	.024	37	1.40	.055	1157	.99	.039	257	1.09	.043
1P	.79	.031	37L	1.40	.055	1557	.99	.039	271	1.40	.055
2P	.99	.039	38	1.60	.063	557L	.99	.039			
4P	1.40	.055	39	.071	1.80	558	1.19	.047			
329	.61	.024	56	.79	.031	1158	1.19	.047			

TAPER FISSURE CARBIDE BURS - Tip & Maximum Head Diameters in Millimeters & Inches

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



Recommendations for the care of tungsten carbide burs

CONSIDER SINGLE USE FOR MAIN OPERATORY CARBIDES TO INSURE:

- A consistent, fast cutting bur which saves valuable time
- Greater patient comfort
- Reduced sterilization cost

STEPS TO PROPERLY STERILIZE TUNGSTEN CARBIDE BURS

CLEANING

STEP 1. Wear gloves when handling contaminated instruments. Pre-soak carbide burs in a container of soapy water to loosen debris. Ultrasonic systems may also be used to loosen debris in burs, however burs should be separated from each other in a bur block during immersion to prevent damage.

STEP 2. Brush away remaining debris using a SS White stainless steel wire brush (order no. 26040) and rinse burs under running water.

STEP 3. After rinsing, dry burs thoroughly by placing them on absorbent towels. Pat dry all surfaces.

STERILIZATION

Proper sterilization of carbide burs is extremely important because it eliminates the threat of cross infection of patients and staff with communicable diseases.

1. Dry Heat Sterilizers 170°C (340°F) for 1 hour. These methods, when used according to manufacturers instructions, will not corrode or dull carbide burs.

2. Steam autoclaves 121°C (250°F) for 20 minutes @ 15 p.s.i. These systems will effectively sterilize carbide burs; however, potential for corrosion is present.

AVOID cold sterilizing solutions as they contain oxidizing agents which may weaken carbide burs.

AVOID worn chucks which may cause bur slippage and/or vibration that can lead to breakage.



SSWHITE®

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p: 1-800-535-2877 • 1-732-905-1100 f: 1-732-905-0987



Volume 1, No.1
SSW #64678
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