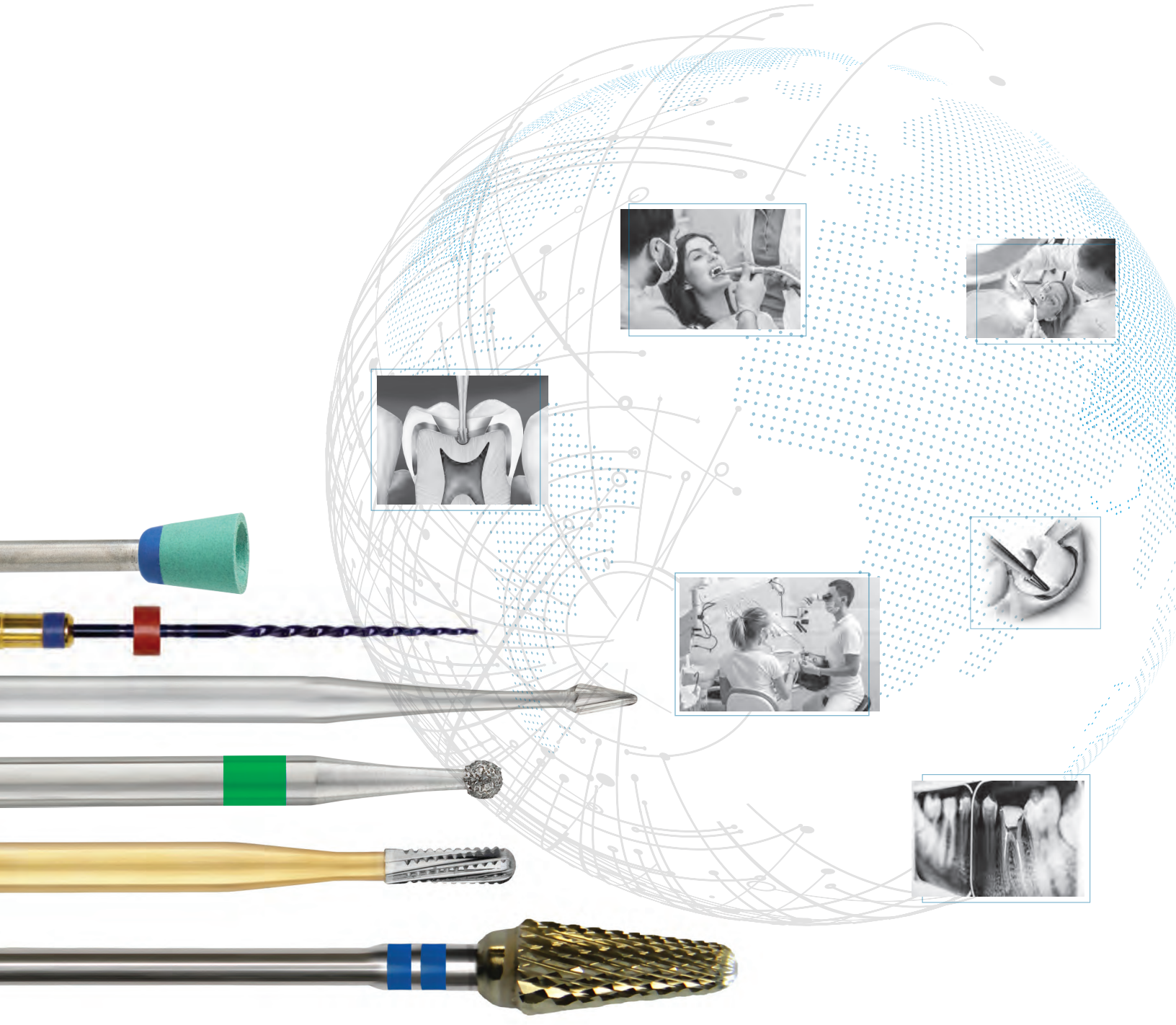
INTERNATIONAL PRODUCT CATALOG



SSWHITE Dental®

Better Patient Outcomes
Improved Efficiency
Faster Practice Growth

sswhitedental.com

A Proud Heritage of Innovation, Collaboration and Achievement

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

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

Samuel Stockton White
SS White® Founder
1822-1879

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

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

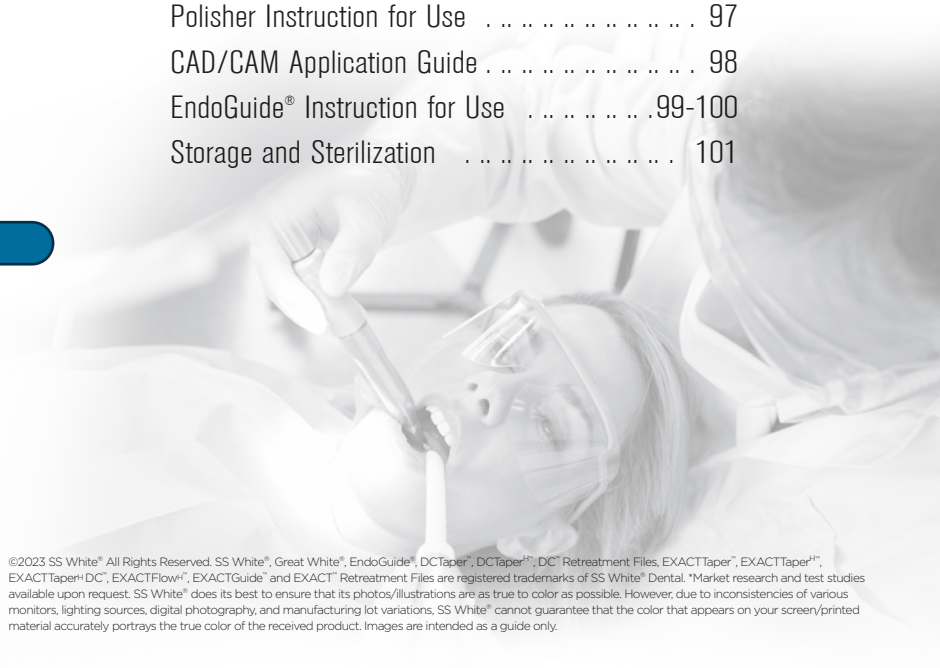
At SS White®, we've been innovating and supporting dentists and their practices since 1844. As a family owned, U.S. based company, SS White® is focused on the success of our customers and the treatment and outcomes of their patients. Each day we stand committed to fulfilling the needs of endodontists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

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

SS White® Dental
Lakewood, NJ

The future is bright with SS White®!

Table of Contents



SS WHITE Dental®

Better Patient Outcomes
Improved Efficiency
Faster Practice Growth

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

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

CARBIDE BURS

ROUND

	1/4	1/2	1	2	3	4	5	6	7	8	10
FG 5 PACK	310213	310093	310095	310097	310098	310100	310101	310102	310103	310196	
FG BULK 50	300024		300011	300012		300014	300015	300016		300018	
SS 5 PACK		310094	310096	310157	310099	310192		310193			
SS BULK 50			300020								
RA 5 PACK		310000	310001	310002	310003	310004	310005	310006	310007	310008	
RA BULK 50						300130		300131		300132	
HP 5 PACK	310045	310046	310047	310048	310049	310050	310051	310052	310053	310054	310055

PEAR

	1/2 P	1P	2P	4P	329	330	331	332	330L	331L	332L
FG 5 PACK	310209	310210	310211	310212	310120	310122	310125	310126	310129	310155	310156
FG BULK 50	300025	300021				300095	300096	300097		300098	
SS 5 PACK		310214				310123					
SS BULK 50						300091					
RA 5 PACK										310021	

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

- Dr. Lou Graham

STRAIGHT/FLAT
END PLAIN

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

STRAIGHT/ROUND
END PLAIN

	1156	1157	1158
FG 5 PACK	310197	310198	310199
FG BULK 50		300075	300076
SS 5 PACK	310200	310201	

STRAIGHT/FLAT
END CROSS CUT

	556	557	558	559	560	562	563	556L	557L	558L
FG 5 PACK	310124	310127	310130	310152	310153			310171	310150	310151
FG BULK 50	300110	300111	300112							
SS 5 PACK	310170	310161	310162							
SS BULK 50			300108							
RA 5 PACK		310020	310022	310023	310024					310043
HP 5 PACK		310066	310067	310068	310071	310069	310070			310084

STRAIGHT/ROUND END
CROSSCUT FISSURE

	1556	1557	1558
FG 5 PACK	310138	310139	310142
FG BULK 50		300113	300116
SS 5 PACK		310140	310143
SS BULK 50		300107	
RA 5 PACK		310037	310040
HP 5 PACK	310080	310081	310082
HP BULK 50			300007

INVERTED
CONE

	33 1/2	34	35	36	37	37L	38	39
FG 5 PACK	310105	310107	310109	310110	310111	310145	310112	310113
FG BULK 50				300033	300034	300046		
SS 5 PACK	310106	310108	310160		310144			
RA 5 PACK	310010	310011	310012	310013	310014	310042	310015	310016
HP 5 PACK	310057	310058	310059	310060	310061	310083	310062	310063

TAPER/FLAT END PLAIN

	169	170	171	169L	170L	171L
FG 5 PACK	310184	310119	310121	310185	310148	310149
FG BULK 50				300077		
SS 5 PACK			310194			

TAPER/ FLAT END CROSS CUT

	699	700	701	702	703	699L	700L	701L	702L	703L	1702	1702L	1703	1703L
FG 5 PACK	310186	310132	310133	310191	310135	310188	310190	310154						
FG BULK 50					300124			300128						
SS 5 PACK			310134											
RA 5 PACK		310025	310028	310029	310031			310044						
HP 5 PACK	310072	310073	310074	310075	310077			310085	310076	310078	310088	310089	310086	310087

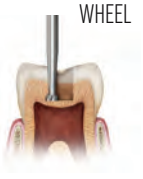
TAPER/ ROUND END PLAIN

	1170	1171	1169L	1170L	1171L
FG 5 PACK	310202	310204	310208	310206	310207
FG BULK 50		300067		300069	
SS 5 PACK	310203	310205			
RA 5 PACK	310033	310035			

END CUT

	956	957
FG 5 PACK	310128	310136
RA 5 PACK		310034
HP 5 PACK		310079

WHEEL



	14
FG 5 PACK	310104
RA 5 PACK	310009

AMALGAM PREP

	244	245	246	256	257	271
FG 5 PACK	310172	310164	310165	310166	310167	310168
FG BULK 50		300086				300090
SS 5 PACK		310169				
SS BULK 50		300084				

SURGICAL & ENDODONTIC LENGTH

	1	2	4	6	8	557	558	1557	1558	700	701
FGSL 10 PACK	350000	350001	350002	350003	350004	350005	350006	350007	350008	350009	350010
RASL 10 PACK		350023	350024	350025	350026	350027	350028	350029			

SURGICAL & ENDODONTIC LENGTH

	702	703	1702	1703
FGSL 10 PACK	350011	350012	350013	350014
RASL 10 PACK	350030	350031	350032	350033

ZEKRYA BURS

NEW PRODUCT

	151	151L
FG 10 PACK	350169	350170
Head Length (mm)	11	11
Head (mm)	1.6	1.6
Tip (mm)	0.8	0.8
LOA (mm)	23.5	28

BONE CUTTERS

NEW PRODUCT

	161-016	162-016	162A-016	267-016	269-016
FG 1 PACK	17735-1	17736-1	17737-1	17738-1	17739-1
Head Length (mm)	9	9	9	9	11
Head (mm)	1.6	1.6	1.6	1.6	1.6
Tip (mm)	1	1	1	1	0.9
LOA (mm)	25.5	25.5	25.5	25.5	25.5

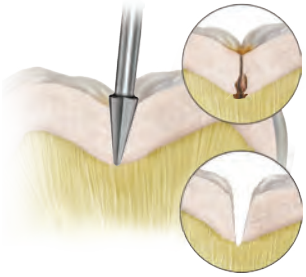
	161-016
RA 1 PACK	17740-1
Head Length (mm)	9
Head (mm)	1.6
Tip (mm)	1
LOA (mm)	34

	161-016	162A-016
HP 1 PACK	17741-1	17742-1
Head Length (mm)	9	9
Head (mm)	1.6	1.6
Tip (mm)	1	1
LOA (mm)	44.5	44.5

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

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

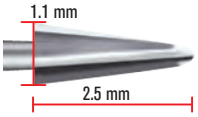
FISSUROTOMY®
CONSERVATIVE PREPARATION & EXPLORATION BURS



ORIGINAL

Fissurotomy® Original
ITEM#
FG (5 PK) 310215
FGSS (5 PK) 310216

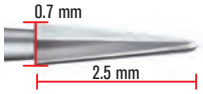
Head Length (mm) 2.5
Tip Diameter (mm) 0.33
Max Head Diameter (mm) 1.1



NARROW TAPER FISSURE

Fissurotomy® NTF
ITEM#
FG (5 PK) 310218
FGSS (5 PK) 310220

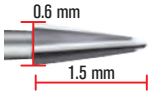
Head Length (mm) 2.5
Tip Diameter (mm) 0.28
Max Head Diameter (mm) 0.7



SHALLOW TAPER FISSURE

Fissurotomy® STF
ITEM#
FG (5 PK) 310217
FGSS (5 PK) 310219

Head Length (mm) 1.5
Tip Diameter (mm) 0.28
Max Head Diameter (mm) 0.8



Diagnostic & Finishing Bur Kit

All-In-One Kit
Designed for the efficient diagnosis of suspect fissures and the finishing of the cavity preparation.
Kit Reorder No. 18007

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

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

CRA Product Review:

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

Source: 1. CRA Newsletter, Volume 25, Issue 7, July 2001, Page 4

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

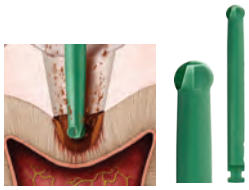
The Only Rotary Cutting Instruments That Discriminate Between Healthy and Carious Zones of Dentin

A clinical study conducted at NYU College of Dentistry showed that 84% of patients preferred use of a SmartBurs®II instrument compared to use of a carbide bur with no local anesthetic for future dental treatment.*

SMARTBURS® II
CONSERVATIVE DECAY REMOVAL INSTRUMENTS

SmartBurs®II
RA # 4
ITEM # 52000
10 PK
Head Diameter (mm) 1.4

SmartBurs®II
RA # 6
ITEM # 52001
10 PK
Head Diameter (mm) 1.8



SmartBurs®II
RA # 8
ITEM # 52002
10 PK
Head Diameter (mm) 2.3

SmartBurs®II Combo
5 each of RA #4; 10 each of RA #6, RA #8)
ITEM # 52003
25 PK

SmartBurs®II Instruments are made for use at standard slow handpiece speeds of 5,000 to 10,000 rpm.

You and Your Patients Will Appreciate

The SmartBurs®II Difference

The NYU patient study showed that there was no postoperative hypersensitivity in either Class I or V procedures conducted on 40 patients.*

*Data on file

SmartBurs®II Instruments conserve remaining healthy dentin to avoid inadvertent pulp exposure.

SmartBurs®II Instruments do not traumatize healthy dentinal tubules, thereby reducing post operative sensitivity.

SmartBurs®II Instruments do no harm to healthy dentinal tubules so patients may experience a more comfortable caries removal procedure without anesthesia.

"SmartBurs®II provides a conservative endpoint during excavation of infected carious dentin. Underlying and potentially protective caries affected dentin is thus preserved. SmartBurs®II relies on dentin hardness to provide a scientifically-based endpoint, and not staining, which can be variable or absent, and not a true indicator of remaining carious dentin."

-- Daniel W. Boston, DMD
Associate Dean for Clinical Comprehensive Care, Temple University Kornberg School of Dentistry

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

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

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

ROUND

	GW2R	GWSL2R	GW4R	GWSL4R	GW6R	GWSL6R	GW8R
5 PK	18202-5	350146	18204-5	350148	18206-5	350150	18208-5
50 PK	300050	10 PACK	300051	10 PACK	300052	10 PACK	

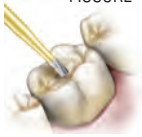
PEAR

	GW2P	GW245	GW330	GW330S
5 PK	18209-5	18212-5	18210-5	18211-5
50 PK		300053	300054	

INVERTED CONE

	GW34	GW35	GW37
5 PK	18214-5	18215-5	18216-5

STRAIGHT FISSURE

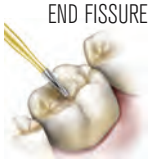


	GWH340	GWH342	GWH342L	GW1557	GWSL1557
5 PK	14918-5	14919-5	14920-5	18221-5	350167
50 PK				300056	10 PACK

STRAIGHT FLAT END FISSURE

	GW556	GW557	GW557S	GWSL557	GW558
5 PK	18217-5	18218-5	18219-5	350162	18222-5
50 PK		300055		10 PACK	

TAPER FLAT END FISSURE



	GW701	GW702
5 PK	18223-5	18224-5

TALON BUR

	T10
5 PK	310297
50 PK	300144
Head Length (mm)	4.2
Head (mm)	1

Great White® Gold Preparation Kit

Kit Contents:
(2) Great White® Gold #GW1
(2) Great White® Gold #GW2
(2) Great White® Gold #1557
(2) Great White® Gold #330
(2) Great White® Gold #6 ROUND
(2) Great White® Ultra #847-018

Kit Reorder No. 18050

RESTORATION REMOVAL

	GW1 (331)	GW2 (1558)	GW1S	GW2S
5 PK	18061-5	18062-5	18063-5	18064-5
50 PK	300057	300059	300058	300060

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

40% Faster Crown Preparations Versus Diamonds.

GREAT WHITE® ULTRA
CROWN & BRIDGE PREPARATION CARBIDE BURS

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

FOOTBALL

	GWU 379-023
10 PK	350138
HEAD LENGTH (mm)	4.2
MAX HEAD DIAMETER (mm)	2.3

SHORT FLAT END TAPER

	GWU 845KR-016	GWU 845KR-018	GWU 845KR-025
10 PK	350140	350141	350142
HEAD LENGTH (mm)	4.0	4.0	4.0
MAX HEAD DIAMETER (mm)	1.6	1.8	2.5

DEPTH CUTTER

	GWDC1	GWDC2
5 PK	310158	310159
HEAD LENGTH (mm)	1.0	2.0
MAX HEAD DIAMETER (mm)	1.8	1.8

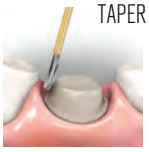
FLAT END TAPER

	GWU 847-016	GWU 847-018	GWU 847-020
10 PK	350144	350136	350137
HEAD LENGTH (mm)	8.0	8.0	8.0
MAX HEAD DIAMETER (mm)	1.6	1.8	2.0

FLAT END TAPER SHORT SHANK

	GWU 847-016S
10 PK	350131
HEAD LENGTH (mm)	8.0
MAX HEAD DIAMETER (mm)	1.6

ROUND END TAPER



	GWU 855-025	GWU 856-016	GWU 856-018	GWU 856-020	GWU856-023
10 PK	350139	350143	350133	350134	350135
HEAD LENGTH (mm)	7.0	8.0	8.0	8.0	8.0
MAX HEAD DIAMETER (mm)	2.5	1.6	1.8	2.0	2.5

ROUND END TAPER SHORT SHANK

	GWU 856-016S	GWU 856-018S	GWU 856-020S
10 PK	350127	350128	350129
HEAD LENGTH (mm)	8.0	4.0	8.0
MAX HEAD DIAMETER (mm)	1.6	1.8	2.0

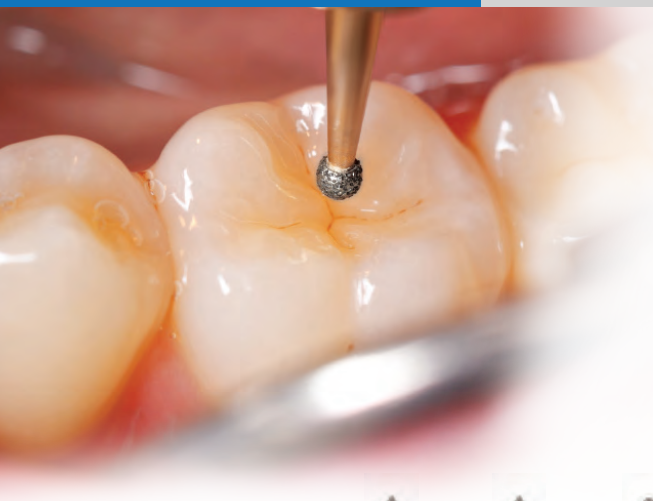
Crown and Bridge Preparation Kit

All-In-One Kit
Designed for the efficient atraumatic removal of failed amalgams, composites, zirconia and PFM Crowns.
Kit Reorder No. 18150

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

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

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



Now, Save Even More Time with the Expanded SS White® Lineup of Zirconia Cutting Great White®Z Diamonds

NEW PRODUCT

Description	368-023F	368-023M	379-023F	379-023M	801-010F	801-012F	801-014F	801-016M	801-018F	801-018M
Part Number	350187	350188	350174	350189	350190	350191	350172	350192	350173	350193
Grit	F	M	F	M	F	F	F	M	F	M
Head Diameter (mm	2.3	2.3	2.3	.2.3	1.0	1.2	1.4	1.6	1.8	1.8
Head Length (mm)	5.0	5.0	4.2	4.3	1.0	1.2	1.3	1.6	1.7	1.7
LOA-Overall Length (mm)	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
Pack Size	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk

NEW PRODUCT

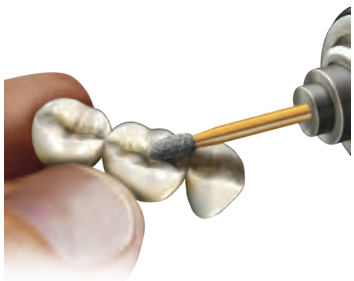
Description	850-018F	850-018M	856-018F	856-018M	856-021F	856-021M	862-012F	862-012M	881-012F	881-016F
Part Number	350194	350195	350171	350196	350197	350198	350199	350200	350201	350202
Grit	F	M	F	M	F	M	F	M	F	F
Head Diameter (mm)	1.8	1.8	1.8	1.8	2.1	2.1	1.2	1.2	1.2	1.6
Head Length (mm)	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
LOA-Overall Length (mm)	23.0	23.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
Pack Size	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk	10/Pk

The proprietary bonding process with fine grit synthetic diamond particles creates more consistent particle coverage, durability and cutting efficiency, while providing significant savings on material cost and chair time.

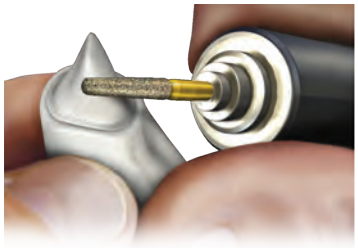
Access Through Zirconia

Zirconia Crown Cutting

Crown Adjustments



Finish Laboratory Copings



Expanded SS White® Lineup of Zirconia Kits

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

Great White®Z Introductory Kit

Kit Contents:

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

Clinicians reported Great White® Z Diamonds create endodontic access in 1 minute through zirconia. On average, clinicians who access 300 crowns that contain zirconia copings will save 45 hours of chairtime.
Kit Reorder No. 18160

Great White®Z Zirconia and Lithium Disilicate Adjustment Kit

Kit Contents:
(1) Great White®Z 368-023F
(1) Great White®Z 368-023M
(1) Great White®Z 850-018F
(1) Great White®Z 850-018M
(1) 89112 - Jazz® Polisher Medium Flame RA ZA2S
(1) 89113 - Jazz® Polisher Medium Cup RA ZA2S
(1) 89117 - Jazz® Polisher Fine Cup RA ZA2S
(1) 89118 - Jazz® Polisher Fine Flame RA ZA2S

The Zirconia & Lithium Disilicate Intra-Oral Adjustment Kit has been developed for use on layered and monolithic zirconium oxide restorations and allows for fast and smooth bite adjustment, similar to that delivered by a coarse grits without the risk of micro-fracturing ,chipping and, without excessive heat. Great White®Z diamonds will leave a very fine finish without striations on all types of ceramic such as Zirconia, Lithium Disilicate, e.max® and BruxZir®. Finish to a fine sheen with zirconia polishers. **Kit Reorder No. 16401**

Great White®Z Master Zirconia Kit

Kit Contents:
(2) Great White®Z 801-016M
(2) Great White®Z 856-018M
(2) Great White®Z 850-018M

The Master Zirconia Crown Removal Kit helps eliminate the problems associated with removing ceramic, zirconia and lithium disilicate crowns and bridges such as the Lava®, Procera®, InCeram™, Empress® I, II, Vita®, Procad®, e.max® and BruxZir®.
Kit Reorder No. 16402

Great White®Z Endodontic Zirconia Kit

Kit Contents:
(1) Great White®Z 801-010F
(1) Great White®Z 801-012F
(1) Great White®Z 801-014F
(1) Great White®Z 801-018F
(1) Great White®Z 856-018F
(1) Great White®Z 850-018F
(1) Great White®Z 881-016F

The Endodontic Zirconia Access Kit is specifically designed for smooth endo access through the hardest of materials. Endo access diamonds are manufactured to tunnel through the porcelain layer in seconds, and the zirconia or lithium disilicate based crown or bridge with efficiency previously thought impossible. Great White®Z Diamonds are designed for Endo Access in all types of ceramic crowns such as Zirconia, Lithium Disilicate, e.max® and BruxZir®, reducing the chance of micro-fracture.
Kit Reorder No. 16403

Great White®Z Lab Zirconia Adjustment Kit

Kit Contents:
(1) Great White®Z 368-023F
(1) Great White®Z 379-023F
(1) Great White®Z 850-018F
(1) Great White®Z 856-018F
(1) Great White®Z 856-021F
(1) Great White®Z 862-012F
(1) Great White®Z 881-012F
(1) Great White®Z 881-016F

The SS White® Lab Zirconia Adjustment Kit has been developed for the adjusting, contouring and finsihing of Zirconia substructures to create the final luster for use on layered and monolithic zirconium oxide restorations. One of the keys to adjusting and polishing these materials is to perform the tasks quickly and without creating excessive heat.
Kit Reorder No. 16404

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

Create More Beautiful Smiles by Design

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

TRIMMING & FINISHING BURS

SOLD IN 10 PACKS

ROUND

	7002	7003	7004	7006	7008	7009	8006	9004	9006	9008
10 PACK 12 BLADE	350053	350054	350043	350044	350045	350057				
10 PACK 20 BLADE							350016			
10 PACK 30 BLADE								350034	350035	350036

EGG

	7377	7378	7379	8377	8378	8379
10 PACK 12 BLADE	350074	350070	350076			
10 PACK 20 BLADE				350075	350071	350077

BEVEL

	7878	8878	7283
10 PACK 12 BLADE	350095		350178
10 PACK 20 BLADE		350096	

NEEDLE

	7901	7902	7903	7904	8901	8902	8903	8904	9903	9904
10 PACK 12 BLADE	350058	350048	350097	350015						
10 PACK 20 BLADE					350018	350019	350020	350021		
10 PACK 30 BLADE									350041	350037

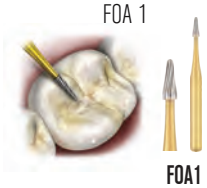
RELIANT

	118S	118L	218
10 PACK 18 BLADE	350059	350060	350061

FOOTBALL

	7404	7406	7408	8404	8406	8408	9406
10 PACK 12 BLADE	350055	350050	350082				
10 PACK 20 BLADE				350080	350081	350083	
10 PACK 30 BLADE							350038

FOA 1



	FOA1
10 PACK 12 BLADE	350101

BULLET

	7801	7802	7803	9803
10 PACK 12 BLADE	350093	350094	350047	350039

FLAME

	7104	7106	7108	7274	8274
10 PACK 12 BLADE	350046	350049	350056	350066	
10 PACK 20 BLADE					350067

INVERTED TAPER

	7303	7304
10 PACK 12 BLADE	350068	350069

STRAIGHT

	7572
10 PACK 30 BLADE	350084

ROUND END TAPER

	7675	7676	8675	8676
10 PACK 12 BLADE	350087	350089		
10 PACK 20 BLADE			350088	350090

TAPER

	7702	7713	7642	7664	8642	9642
10 PACK 12 BLADE	350091	350092	350085	350086		
10 PACK 20 BLADE					350017	
10 PACK 30 BLADE						350040

FLAT END TAPER

	7204	7205	7206	7375	7376	8375	8376
10 PACK 12 BLADE	350063	350064	350065	350072	350078		
10 PACK 20 BLADE						350073	350079

CFT

	CFT1	CFT2	CFT3
10 PACK FG	350098	350099	350100

SURGICAL LENGTH FINISHING

	7902SL	7104SL	7106SL
10 PACK 12 BLADE	350116	350114	350022

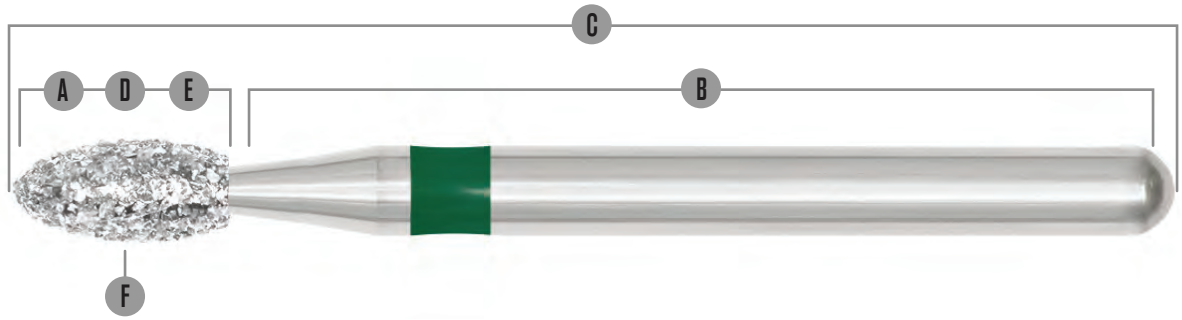
LONG FLAME

	48L-010	48L-012
10 PACK 12 BLADE	350175	350176

SAFE END SERIES

	SE3	SE4	SE6	SE8	SE9
10 PACK 10 BLADE	350102	350103	350104	350105	350106
10 PACK 20 BLADE	350107	350108	350109	350110	350111

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



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

ISO 6360 shank type for International Diamond Line in this catalog

16 mm
312 FG Shorter than Short **Ø 1.60 mm**

from 16 to 20 mm
313 FG Short **Ø 1.60 mm**

from 19 to 24 mm
314 FG Standard **Ø 1.60 mm**

from 22 to 27 mm
204 RA Standard Right Angle **Ø 2.35 mm**

44.5 mm
104 HP **Ø 2.35 mm**

Grit sizes for diamond instruments (ISO 7711/3)

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

Method of use

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

Diamond Instruments

Shank Material	Working Part
Stainless Steel	Natural Diamond

Sterilization Process

Autoclave	Chemical Clave C_2H_4O	HOT AIR STERILIZATION
3 bar 135°C	130°C	180°C

SS White® International Diamond Line

Premium quality diamond instruments

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

DIAMOND INSTRUMENTS

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

POINTED FOOTBALL

ISO 257						
1/10 mm		368-016	368-018	368-020	368-021	368-023
L mm		3	4.5	4.5	4.5	5
314 FG Standard						
5 PK	806 **314** 257 **544**					FG368SC023
5 PK	806 **314** 257 **534**	FGC0368016		FGC0368020	FGC0368021	FGC0368023
5 PK	806 **314** 257 **524**	FG368016	FG368018		FG368021	FG368023
5 PK	806 **314** 257 **514**	FG368F016			FG368F021	FG368F023
5 PK	806 **314** 257 **504**	FG368C016				FG368C023
25 PK	806 **314** 257 **534**	FGC0368016-25		FGC0368020-25	FGC0368021-25	FGC0368023-25
25 PK	806 **314** 257 **524**	FG368016-25	FG368018-25		FG368021-25	FG368023-25
25 PK	806 **314** 257 **514**				FG368F021-25	FG368F023-25
25 PK	806 **314** 257 **504**	FG368C016-25				FG368C023-25

SPECIALITY SHAPES

ISO 507		
1/10 mm		369A-023
L mm		6
314 FG Standard		
5 PK	806 **314** 507 **524**	FG369A023
25 PK	806 **314** 507 **524**	FG369A023-25

SPECIALITY SHAPES

ISO 260		
1/10 mm		378-018
L mm		3.4
314 FG Standard		
5 PK	806 **314** 260 **504**	FG378C018

FOOTBALL

ISO 277			
1/10 mm		379-018	379-023
L mm		3	4.5
314 FG Standard			
5 PK	806 **314** 277 **544**		FG379SC023
5 PK	806 **314** 277 **534**	FGC0379018	FGC0379023
5 PK	806 **314** 277 **524**	FG379018	FG379023
5 PK	806 **314** 277 **514**	FG379F018	FG379F023
5 PK	806 **314** 277 **504**	FG379C018	FG379C023
25 PK	806 **314** 277 **544**		FG379SC023-25
25 PK	806 **314** 277 **534**	FGC0379018-25	FGC0379023-25
25 PK	806 **314** 277 **524**	FG379018-25	FG379023-25
25 PK	806 **314** 277 **514**	FG379F018-25	FG379F023-25
25 PK	806 **314** 277 **504**	FG379C018-25	FG379C023-25

FOOTBALL

ISO 274		
1/10 mm		390-014
L mm		3.5
314 FG Standard		
5 PK	806 **314** 274 **514**	FG390F014
5 PK	806 **314** 274 **504**	FG390C014
25 PK	806 **314** 274 **514**	FG390F014-25
25 PK	806 **314** 274 **504**	FG390C014-25

MOSQUITO NOSE

ISO 465		
1/10 mm		392-016
L mm		5
314 FG Standard		
5 PK	806 **314** 465 **514**	FG392F016
5 PK	806 **314** 465 **504**	FG392C016

SPECIALITY SHAPES

ISO 015
1/10 mm
L mm
314 FG Standard

	432-016	
	2.1	
5 PK •	806 **314** 015 **524**	FG432016

SPECIALITY SHAPES

ISO 195
1/10 mm
L mm
314 FG Standard

	467-005	
	3	
5 PK •	806 **314** 195 **524**	FG467005
25 PK •	806 **314** 195 **524**	FG467005-25

SPECIALITY SHAPES

1/10 mm
L mm
314 FG Standard

	508-016	508-018	
	3	3	
5 PK •	806 **314** **534**	FGC0508016	
5 PK •	806 **314** **524**	FG508016	
5 PK •	806 **314** **514**	FG508F016	
25 PK •	806 **314** **534**	FGC0508016-25	FGC0508018-25

SPECIALITY SHAPES

ISO 162
1/10 mm
L mm
314 FG Standard

	800L-010	
	2	
5 PK •	806 **314** 162 **524**	FG800L010

ROUND

ISO 001
1/10 mm
L mm
314 FG Standard

		801-008	801-009	801-010	801-012	801-013	801-014	801-015	801-016	801-018	801-021	801-023	801-027	801-035
		.08	.09	1.0	1.2	1.3	1.4	1.5	1.6	1.8	2.1	2.3	2.7	3.5
5 PK •	806 **314** 001 **544**											FG801SC023		
5 PK •	806 **314** 001 **534**				FGC0801012		FGC0801014		FGC0801016	FGC0801018	FGC0801021	FGC0801023		
5 PK •	806 **314** 001 **524**	FG801008	FG801009	FG801010	FG801012	FG801013	FG801014	FG801015	FG801016	FG801018	FG801021	FG801023		FG801035
5 PK •	806 **314** 001 **514**					FG801F013	FG801F014	FG801F015	FG801F016	FG801F018	FG801F021	FG801F023		
5 PK •	806 **314** 001 **504**						FG801C014			FG801C018		FG801C023		FG801C035
5 PK ○	806 **314** 001 **494**				FG801CS012		FG801CS014			FG801CS018		FG801CS023		
25 PK •	806 **314** 001 **544**											FG801SC023-25		
25 PK •	806 **314** 001 **534**				FGC0801012-25		FGC0801014-25		FGC0801016-25	FGC0801018-25	FGC0801021-25	FGC0801023-25		
25 PK •	806 **314** 001 **524**	FG801008-25	FG801009-25	FG801010-25	FG801012-25	FG801013-25	FG801014-25	FG801015-25	FG801016-25	FG801018-25FG8	FG801021-25	FG801023-25		FG801035-25
25 PK •	806 **314** 001 **514**					FG801F013-25	FG801F014-25	FG801F015-25	FG801F016-25	FG801F018-25	FG801F021-25	FG801F023-25		
25 PK •	806 **314** 001 **504**									FG801C018-25		FG801C023-25		
25 PK ○	806 **314** 001 **494**						FG801CS014-25							

313 FG Short

5 PK •	806 **313** 001 **524**			FG801S010			FG801S014							
25 PK •	806 **313** 001 **524**			FG801S010-25			FG801S014-25							

204 RA Standard

5 PK •	806 **204** 001 **524**	CA801008	CA801009	CA801010	CA801012		CA801014		CA801016	CA801018		CA801023	CA801027	
5 PK ○	806 **204** 001 **494**						CA801CS014					CA801CS023		

204 RA Standard

25 PK •	806 **204** 001 **524**				CA801012-25		CA801014-25							

104 HP

1 PK •	806 **104** 001 **524**		HP801009				HP801014		HP801016	HP801018		HP801023	HP801027	

ROUND

ISO 001
1/10 mm
L mm
314 FG Standard

		801L-014	801L-016	801L-018	801L-021
		1.4	1.6	1.8	2.1
5 PK •	806 **314** 001 **534**	FGC0801L014	FGC0801L016	FGC0801L018	FGC0801L021
5 PK •	806 **314** 001 **524**	FG801L014	FG801L016	FG801L018	FG801L021
25 PK •	806 **314** 001 **534**	FGC0801L014-25			FGC0801L021-25
25 PK •	806 **314** 001 **524**	FG801L014-25	FG801L016-25	FG801L018-25	FG801L021-25

ROUND

ISO 002
1/10 mm
L mm
314 FG Standard

		802-009	802-010	802-012	802-014	802-016	802-018
		2.5	2.5	2.5	3	3	3.2
5 PK •	806 **314** 002 **534**				FGC0802014		
5 PK •	806 **314** 002 **524**	FG802009	FG802010	FG802012	FG802014	FG802016	FG802018
25 PK •	806 **314** 002 **524**	FG802009-25	FG802010-25	FG802012-25	FG802014-25	FG802016-25	

204 RA Standard

5 PK •	806 **204** 002 **524**			CA802012	CA802014	CA802016	CA802018

INVERTED CONE

ISO 010

1/10 mm

L mm

		805-010	805-012	805-014	805-016	805-018	805-021	805-027
		1.0	1.2	1.4	1.6	1.8	2.1	2.7
314 FG Standard								
5 PK	• 806 **314** 010 **534**	FGC0805010	FGC0805012	FGC0805014	FGC0805016	FGC0805018		
5 PK	• 806 **314** 010 **524**	FG805010	FG805012	FG805014	FG805016	FG805018	FG805021	
5 PK	• 806 **314** 010 **514**			FG805F014				
25 PK	• 806 **314** 010 **534**			FGC0805014-25	FGC0805016-25	FGC0805018-25		
25 PK	• 806 **314** 010 **524**	FG805010-25	FG805012-25	FG805014-25	FG805016-25	FG805018-25	FG805021-25	
313 FG Short								
5 PK	• 806 **313** 010 **524**	FG805S010						
204 RA Standard								
5 PK	• 806 **204** 010 **524**			CA805014		CA805018		
25 PK	• 806 **204** 010 **524**				CA805016-25			
104 HP								
1 PK	• 806 **104** 010 **524**				HP805016	HP805018		HP805027

INVERTED CONE LONG

ISO 019

1/10 mm

L mm

		806-010	806-012	806-014	806-016	806-018
		2.5	2.5	3	3	3.2
314 FG Standard						
5 PK	• 806 **314** 019 **534**	FGC0806010	FGC0806012	FGC0806014	FGC0806016	
5 PK	• 806 **314** 019 **524**	FG806010	FG806012	FG806014	FG806016	FG806018
25 PK	• 806 **314** 019 **534**	FGC0806010-25	FGC0806012-25		FGC0806016-25	
25 PK	• 806 **314** 019 **524**	FG806010-25	FG806012-25	FG806014-25	FG806016-25	FG806018-25
204 RA Standard						
5 PK	• 806 **204** 019 **524**		CA806012	CA806014		

INVERTED CONE LONG

ISO 225

1/10 mm

L mm

		807-014	807-016	807-018	807-021	807L-024
		3	4	5	5	10
314 FG Standard						
5 PK	• 806 **314** 225 **534**	FGC0807014	FGC0807016			
5 PK	• 806 **314** 225 **524**	FG807014	FG807016	FG807018		FG807L024
25 PK	• 806 **314** 225 **534**	FGC0807014-25	FGC0807016-25			
25 PK	• 806 **314** 225 **524**	FG807014-25	FG807016-25	FG807018-25		FG807L024-25
104 HP						
1 PK	• 806 **104** 225 **524**			HP807018	HP807021	

BARREL

ISO 038

1/10 mm

L mm

		811-031	811-033	811-037	811-047
		038	038	039	039
		4	5.5	7	7
314 FG Standard					
5 PK	• 806 **314** 038 **544**	FG811SC031	FG811SC033	FG811SC037	
5 PK	• 806 **314** 038 **534**	FGC0811031	FGC0811033	FGC0811037	FGC0811047
5 PK	• 806 **314** 038 **524**	FG811031	FG811033		FG811047
5 PK	• 806 **314** 038 **514**	FG811F031			
25 PK	• 806 **314** 038 **544**		FG811SC033-25	FG811SC037-25	
25 PK	• 806 **314** 038 **534**	FGC0811031-25	FGC0811033-25	FGC0811037-25	FGC0811047-25
25 PK	• 806 **314** 038 **524**	FG811031-25			FG811047-25
25 PK	• 806 **314** 038 **514**	FG811F031-25			

DOUBLE INVERTED CONE

ISO 032

1/10 mm

L mm

		813-010	813-012	813-014	813-018
		1.5	1.5	1.5	1.5
314 FG Standard					
5 PK	• 806 **314** 032 **524**	FG813010	FG813012	FG813014	FG813018
25 PK	• 806 **314** 032 **524**	FG813010-25	FG813012-25	FG813014-25	
313 FG Short					
5 PK	• 806 **313** 032 **524**			FG813S014	

WHEEL

ISO 042
1/10 mm
L mm
314 FG Standard

		815-012	815-016	815-018
		0.5	0.5	0.5
5 PK	• 806 **314** 042 **524**	FG815012	FG815016	FG815018
25 PK	• 806 **314** 042 **524**	FG815012-25	FG815016-25	FG815018-25

WHEEL

ISO 041
1/10 mm
L mm
314 FG Standard

		818-045	818-060
		0.5	0.5
5 PK	• 806 **314** 041 **534**	FGC0818045	
5 PK	• 806 **314** 041 **524**	FG818045	
25 PK	• 806 **314** 041 **524**	FG818045-25	FG818060-25

WHEEL

ISO 042
1/10 mm
L mm
314 FG Standard

		819-035
		0.9
5 PK	• 806 **314** 042 **534**	FGC0819035
5 PK	• 806 **314** 042 **524**	FG819035
25 PK	• 806 **314** 042 **524**	FG819035-25

WHEEL

ISO 042
1/10 mm
L mm
314 FG Standard

		820-042	820-050
		1.5	2
5 PK	• 806 **314** 042 **534**	FGC0820042	
5 PK	• 806 **314** 042 **524**	FG820042	FG820050
25 PK	• 806 **314** 042 **524**	FG820042-25	

204 RA Standard

5 PK	• 806 **204** 042 **524**	CA820050

104 HP

1 PK	• 806 **104** 042 **524**	HP820050

MUSHROOM

ISO 304
1/10 mm
L mm
314 FG Standard

		825-016	825-023	825-042
		0.5	0.8	1.2
5 PK	• 806 **314** 304 **524**	FG825016	FG825023	FG825042
25 PK	• 806 **314** 304 **524**			FG825042-25

ISO 304
1/10 mm
L mm
104 HP

		826-025
		1.0
1 PK	• 806 **104** 304 **524**	HP826025

DEPTH CUTTER

ISO 054
1/10 mm
L mm
314 FG Standard

		828-022	828-026
		1	1
5 PK	• 806 **314** 054 **524**	FG828022	FG828026
25 PK	• 806 **314** 054 **524**	FG828022-25	FG828026-25

PEAR

ISO 237
1/10 mm
L mm
314 FG Standard

		830-008	830-010	830-012	830-016
		2.5	3	3	3
5 PK	• 806 **314** 237 **534**	FGC0830008	FGC0830010	FGC0830012	
5 PK	• 806 **314** 237 **524**	FG830008	FG830010	FG830012	FG830016
5 PK	• 806 **314** 237 **514**		FG830F010		
25 PK	• 806 **314** 237 **534**	FGC0830008-25	FGC0830010-25	FGC0830012-25	
25 PK	• 806 **314** 237 **524**	FG830008-25	FG830010-25	FG830012-25	FG830016-25
25 PK	• 806 **314** 237 **514**				FG830F016-25

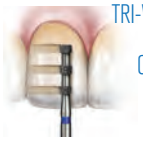
313 FG Short

5 PK	• 806 **313** 237 **524**	FG830S008

PEAR LONG

ISO 239
1/10 mm
L mm
314 FG Standard

		830L-014	830L-021
		5	5
5 PK	• 806 **314** 239 **524**	FG830L014	FG830L021
5 PK	• 806 **314** 239 **514**	FG830LF014	
25 PK	• 806 **314** 239 **524**	FG830L014-25	FG830L021-25
25 PK	• 806 **314** 239 **514**	FG830LF014-25	



TRI-WHEEL DEPTH CUTTER

ISO 552

1/10 mm		834-016	834-021
L mm		6	6
T mm		0.3	0.5
314 FG Standard			
5 PK	• 806 **314** 552 **524**	FG834016	FG834021
25 PK	• 806 **314** 552 **524**	FG834016-25	FG834021-25

FLAT END CYLINDER

ISO 108

1/10 mm		835-008	835-009	835-010	835-012	835-014	835-016
L mm		3	3	4	4	4	4
314 FG Standard							
5 PK	• 806 **314** 108 **534**	FGC0835008	FGC0835009	FGC0835010	FGC0835012	FGC0835014	
5 PK	• 806 **314** 108 **524**	FG835008	FG835009	FG835010	FG835012	FG835014	FG835016
5 PK	• 806 **314** 108 **514**			FG835F010		FG835F014	
25 PK	• 806 **314** 108 **534**	FGC0835008-25	FGC0835009-25	FGC0835010-25	FGC0835012-25	FGC0835014-25	
25 PK	• 806 **314** 108 **524**	FG835008-25	FG835009-25	FG835010-25	FG835012-25	FG835014-25	FG835016-25
25 PK	• 806 **314** 108 **514**			FG835F010-25		FG835F014-25	
	313 FG Short						
5 PK	• 806 **313** 108 **524**		FG835S009	FG835S010	FG835S012	FG835S014	
	204 RA Standard						
5 PK	• 806 **204** 108 **524**				CA835012	CA835014	CA835016
	104 HP						
1 PK	• 806 **104** 108 **524**			HP835010	HP835012		HP835016

FLAT END CYLINDER

ISO 110

1/10 mm		836-012	836-014
L mm		6	6
314 FG Standard			
5 PK	• 806 **314** 110 **534**	FGC0836012	FGC0836014
5 PK	• 806 **314** 110 **524**	FG836012	FG836014
5 PK	• 806 **314** 110 **514**	FG836F012	
25 PK	• 806 **314** 110 **534**	FGC0836012-25	FGC0836014-25
25 PK	• 806 **314** 110 **524**	FG836012-25	FG836014-25
25 PK	• 806 **314** 110 **514**	FG836F012-25	
5 PK	204 RA Standard		
	• 806 **204** 110 **524**	CA836012	
1 PK	104 HP		
	• 806 **104** 110 **524**	HP836012	

FLAT END CYLINDER

ISO 111

1/10 mm		837-012	837-014	837-016	837-018	837-021	837-027
L mm		8	8	8	8	8	8
314 FG Standard							
5 PK	• 806 **314** 111 **544**		FG837SC014				
5 PK	• 806 **314** 111 **534**	FGC0837012	FGC0837014	FGC0837016	FGC0837018		
5 PK	• 806 **314** 111 **524**	FG837012	FG837014	FG837016	FG837018		
5 PK	• 806 **314** 111 **514**		FG837F014				
25 PK	• 806 **314** 111 **544**		FG837SC014-25				
25 PK	• 806 **314** 111 **534**	FGC0837012-25	FGC0837014-25	FGC0837016-25	FGC0837018-25		
25 PK	• 806 **314** 111 **524**	FG837012-25	FG837014-25	FG837016-25	FG837018-25		
25 PK	• 806 **314** 111 **514**		FG837F014-25				
	313 FG Short						
5 PK	• 806 **313** 111 **524**		FG837S014				
	204 RA Standard						
5 PK	• 806 **204** 111 **524**		CA837014	CA837016			
	104 HP						
1 PK	• 806 **104** 111 **524**	HP837012		HP837016		HP837021	HP837027

ROUND END CYLINDER



ISO 139

1/10 mm		**838-010**	**838-012**	**838-014**
L mm		4	4	4
314 FG Standard				
5 PK	• 806 **314** 139 **544**	FG838SC010	FG838SC012	
5 PK	• 806 **314** 139 **534**	FGC0838010	FGC0838012	FGC0838014
5 PK	• 806 **314** 139 **524**	FG838010	FG838012	FG838014
5 PK	• 806 **314** 139 **514**		FG838F012	
25 PK	• 806 **314** 139 **544**	FG838SC010-25	FG838SC012-25	
25 PK	• 806 **314** 139 **534**		FGC0838012-25	
25 PK	• 806 **314** 139 **524**	FG838010-25	FG838012-25	FG838014-25
25 PK	• 806 **314** 139 **514**		FG838F012-25	

MODIFIED BEVELED CYLINDER

ISO 289

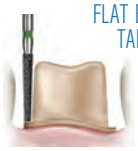
1/10 mm		**839-016**
L mm		8
314 FG Standard		
5 PK	• 806 **314** 289 **534**	FGC0839016
5 PK	• 806 **314** 289 **524**	FG839016
25 PK	• 806 **314** 289 **534**	FGC0839016-25
25 PK	• 806 **314** 289 **524**	FG839016-25

FLAT END TAPER

ISO 171

1/10 mm		**844-012**	**844-014**
L mm		6	6
314 FG Standard			
5 PK	• 806 **314** 171 **524**	FG844012	FG844014
25 PK	• 806 **314** 171 **524**	FG844012-25	FG844014-25

FLAT END TAPER






ISO 170

1/10 mm			**845-009**	**845-010**	**845-012**	**845-014**	**845-016**
L mm			4	4	4	4	4
314 FG Standard							
5 PK	• 806 **314** 170 **534**			FGC0845010	FGC0845012	FGC0845014	
5 PK	• 806 **314** 170 **524**		FG845009	FG845010	FG845012	FG845014	
5 PK	• 806 **314** 170 **514**				FG845F012		
5 PK	• 806 **314** 170 **534**					FGC0845014-25	
5 PK	• 806 **314** 170 **524**		FG845009-25	FG845010-25	FG845012-25	FG845014-25	
204 RA Standard							
25 PK	• 806 **204** 170 **524**						CA845016-25
104 HP							
1 PK	• 806 **104** 170 **524**			HP845010	HP845012		

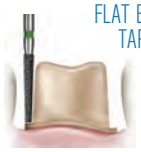
MODIFIED FLAT END TAPER



ISO 544

1/10 mm		**845KR-016**	**845KR-018**	**845KR-025**
L mm		4	4	4
314 FG Standard				
5 PK	• 806 **314** 544 **534**	FGC0845KR016	FGC0845KR018	FGC0845KR025
5 PK	• 806 **314** 544 **524**		FG845KR018	FG845KR025
25 PK	• 806 **314** 544 **534**	FGC0845KR016-25		FGC0845KR025-25
25 PK	• 806 **314** 544 **524**		FG845KR018-25	FG845KR025-25
313 FG Short				
5 PK	• 806 **313** 544 **534**		FGC0845KRS018	

FLAT END TAPER





ISO 171

1/10 mm		**846-014**	**846-016**	**846-018**	**846-021**
L mm		6	6	6	6
314 FG Standard					
5 PK	• 806 **314** 171 **534**	FGC0846014	FGC0846016	FGC0846018	FGC0846021
5 PK	• 806 **314** 171 **524**	FG846014	FG846016	FG846018	FG846021
5 PK	• 806 **314** 171 **514**	FG846F014	FG846F016		
25 PK	• 806 **314** 171 **534**	FGC0846014-25		FGC0846018-25	FGC0846021-25
25 PK	• 806 **314** 171 **524**	FG846014-25	FG846016-25	FG846018-25	FG846021-25
25 PK	• 806 **314** 171 **514**	FG846F014-25	FG846F016-25		
104 HP					
1 PK	• 806 **104** 171 **524**		HP846016		

MODIFIED FLAT END TAPER

ISO 545

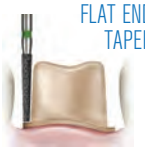
1/10 mm	846KR-014	846KR-016	846KR-018
L mm	6	6	6
314 FG Standard			
5 PK • 806 **314** 545 **534**	FGC0846KR014	FGC0846KR016	
5 PK • 806 **314** 545 **524**	FG846KR014	FG846KR016	FG846KR018
25 PK • 806 **314** 545 **534**	FGC0846KR014-25	FGC0846KR016-25	FGC0846KR018-25
25 PK • 806 **314** 545 **524**	FG846KR014-25	FG846KR016-25	FG846KR018-25

FLAT END TAPER

ISO 172

1/10 mm	847-012	847-014	847-016	847-018	847-020	847-021
L mm	8	8	8	8	8	8
314 FG Standard						
5 PK • 806 **314** 172 **544**		FG847SC014	FG847SC016	FG847SC018		
5 PK • 806 **314** 172 **534**	FGC0847012	FGC0847014	FGC0847016	FGC0847018	FGC0847020	
5 PK • 806 **314** 172 **524**	FG847012	FG847014	FG847016	FG847018		FG847021
5 PK • 806 **314** 172 **514**		FG847F014	FG847F016	FG847F018		
25 PK • 806 **314** 172 **544**			FG847SC016-25			
25 PK • 806 **314** 172 **534**	FGC0847012-25	FGC0847014-25	FGC0847016-25	FGC0847018-25	FGC0847020-25	
25 PK • 806 **314** 172 **524**	FG847012-25	FG847014-25	FG847016-25	FG847018-25		FG847021-25
25 PK • 806 **314** 172 **514**		FG847F014-25	FG847F016-25	FG847F018-25		
313 FG Short						
5 PK • 806 **313** 172 **534**		FGC0847S014				
312 FG Shorter than Short						
5 PK • 806 **312** 172 **544**		FG847SC014SS	FG847SC016SS			
204 RA Standard						
5 PK • 806 **204** 172 **524**		CA847014	CA847016			CA847021
104 HP						
1 PK • 806 **104** 172 **524**		HP847014	HP847016	HP847018		

FLAT END TAPER



ISO 172

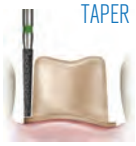
1/10 mm	847L-014	847L-016
L mm	9	9
314 FG Standard		
5 PK • 806 **314** 172 **534**	FGC0847L014	FGC0847L016
5 PK • 806 **314** 172 **524**	FG847L014	FG847L016
5 PK • 806 **314** 172 **514**	FG847LF014	
25 PK • 806 **314** 172 **524**	FG847L014-25	FG847L016-25
25 PK • 806 **314** 172 **514**	FG847LF014-25	FG847LF016-25

MODIFIED FLAT END TAPER

ISO 546

1/10 mm	847KR-016	847KR-018
L mm	8	8
314 FG Standard		
5 PK • 806 **314** 546 **544**	FG847KRSC016	FG847KRSC018
5 PK • 806 **314** 546 **534**		FGC0847KR018
5 PK • 806 **314** 546 **524**	FG847KR016	FG847KR018
5 PK • 806 **314** 546 **514**	FG847KRF016	FG847KRF018
25 PK • 806 **314** 546 **534**	FGC0847KR016-25	FGC0847KR018-25
25 PK • 806 **314** 546 **524**	FG847KR016-25	FG847KR018-25
25 PK • 806 **314** 546 **514**	FG847KRF016-25	FG847KRF018-25
313 FG Short		
5 PK • 806 **313** 546 **544**	FG847KRSCS016	
312 FG Shorter than Short		
5 PK • 806 **312** 546 **544**	FG847KRSC016SS	

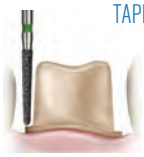
FLAT END TAPER



ISO 173
1/10 mm
L mm

		848-016	848-018	848-021	848-023
		10	10	10	10
314 FG Standard					
5 PK	● 806 **314** 173 **544**	FG848SC016	FG848SC018		
5 PK	● 806 **314** 173 **534**	FGC0848016	FGC0848018	FGC0848021	
5 PK	● 806 **314** 173 **524**	FG848016	FG848018	FG848021	
5 PK	● 806 **314** 173 **514**	FG848F016	FG848F018		
5 PK	● 806 **314** 173 **504**		FG848C018		
5 PK	○ 806 **314** 173 **494**		FG848CS018		
25 PK	● 806 **314** 173 **544**		FG848SC018-25		
25 PK	● 806 **314** 173 **534**	FGC0848016-25	FGC0848018-25	FGC0848021-25	
25 PK	● 806 **314** 173 **524**	FG848016-25	FG848018-25	FG848021-25	
25 PK	● 806 **314** 173 **514**		FG848F018-25		
25 PK	● 806 **314** 173 **504**		FG848C018-25		
25 PK	○ 806 **314** 173 **494**		FG848CS018-25		
313 FG Short					
5 PK	● 806 **313** 173 **524**	FG848S016	FG848S018		
204 RA Standard					
5 PK	● 806 **204** 173 **524**	CA848016			CA848023
104 HP					
1 PK	● 806 **104** 173 **524**	HP848016			HP848023

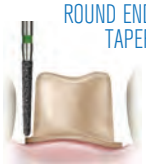
ROUND END TAPER



ISO 195
1/10 mm
L mm

		849-011	849-012
		4	4
314 FG Standard			
5 PK	● 806 **314** 195 **534**		FGC0849012
5 PK	● 806 **314** 195 **524**		FG849012
5 PK	● 806 **314** 195 **514**	FG849F011	FG849F012
5 PK	● 806 **314** 195 **504**	FG849C011	
25 PK	● 806 **314** 195 **534**		FGC0849012-25
25 PK	● 806 **314** 195 **524**		FG849012-25
25 PK	● 806 **314** 195 **514**	FG849F011-25	FG849F012-25
104 HP			
1 PK	● 806 **104** 195 **524**		HP849012

ROUND END TAPER



ISO 199
1/10 mm
L mm

		850-012	850-014	850-016	850-018	850-021
		10	10	10	10	10
314 FG Standard						
5 PK	● 806 **314** 199 **544**	FG850SC012	FG850SC014	FG850SC016	FG850SC018	
5 PK	● 806 **314** 199 **534**	FGC0850012	FGC0850014	FGC0850016	FGC0850018	FGC0850021
5 PK	● 806 **314** 199 **524**	FG850012	FG850014	FG850016	FG850018	FG850021
5 PK	● 806 **314** 199 **514**	FG850F012	FG850F014	FG850F016	FG850F018	FG850F021
25 PK	● 806 **314** 199 **544**	FG850SC012-25	FG850SC014-25	FG850SC016-25	FG850SC018-25	
25 PK	● 806 **314** 199 **534**		FGC0850014-25	FGC0850016-25	FGC0850018-25	FGC0850021-25
25 PK	● 806 **314** 199 **524**	FG850012-25	FG850014-25	FG850016-25	FG850018-25	FG850021-25
25 PK	● 806 **314** 199 **514**	FG850F012-25	FG850F014-25	FG850F016-25	FG850F018-25	FG850F021-25
313 FG Short						
5 PK	● 806 **313** 199 **534**			FGC0850S016		
5 PK	● 806 **313** 199 **524**			FG850S016	FG850S018	FG850S021
25 PK	● 806 **313** 199 **524**					FG850S021-25
204 RA Standard						
5 PK	● 806 **204** 199 **514**				CA850F018	

SAFE END TAPER

ISO 219
1/10 mm
L mm

		851-010	851-012	851-014	851-016
		8	8	8	8
314 FG Standard					
5 PK	● 806 **314** 219 **524**	FG851010	FG851012	FG851014	FG851016
5 PK	● 806 **314** 219 **514**		FG851F012	FG851F014	FG851F016
25 PK	● 806 **314** 219 **524**		FG851012-25	FG851014-25	FG851016-25
25 PK	● 806 **314** 219 **514**			FG851F014-25	FG851F016-25

CHRISTMAS TREE

ISO 164
1/10 mm
L mm

		852-010	852-012	852-023
		6	6	6
314 FG Standard				
5 PK	● 806 **314** 164 **534**	FGC0852010	FGC0852012	
5 PK	● 806 **314** 164 **524**	FG852010	FG852012	
5 PK	● 806 **314** 164 **514**		FG852F012	
5 PK	● 806 **314** 164 **504**		FG852C012	
5 PK	○ 806 **314** 164 **494**		FG852CS012	
25 PK	● 806 **314** 164 **534**	FGC0852010-25		
25 PK	● 806 **314** 164 **524**	FG852010-25	FG852012-25	
25 PK	● 806 **314** 164 **514**		FG852F012-25	
25 PK	● 806 **314** 164 **504**		FG852C012-25	
25 PK	○ 806 **314** 164 **494**		FG852CS012-25	
313 FG Short				
5 PK	● 806 **313** 164 **524**		FG852S012	
204 RA Standard				
5 PK	● 806 **204** 164 **524**			CA852023
25 PK	● 806 **204** 164 **524**		CA853012-25	
104 HP				
1 PK	● 806 **104** 164 **524**		HP852012	

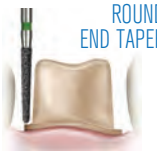
ISO 219
1/10 mm
L mm

		853-012
		6
204 RA Standard		
25 PK	● 806 **204** 219 **524**	CA853012-25

ISO 199
1/10 mm
L mm

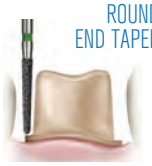
		854-016	854-018
		6	6
314 FG Standard			
5 PK	● 806 **314** 199 **524**	FG854016	FG854018

ROUND END TAPER



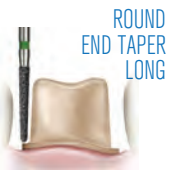
ISO 197
1/10 mm
L mm

		855-012	855-014	855-016	855-018	855-025
		6	6	6	6	7
314 FG Standard						
5 PK	● 806 **314** 197 **544**		FG855SC014	FG855SC016	FG855SC018	FG855SC025
5 PK	● 806 **314** 197 **534**		FGC0855014	FGC0855016	FGC0855018	FGC0855025
5 PK	● 806 **314** 197 **524**	FG855012	FG855014	FG855016	FG855018	FG855025
5 PK	● 806 **314** 197 **514**	FG855F012	FG855F014	FG855F016	FG855F018	
25 PK	● 806 **314** 197 **544**			FG855SC016-25		
25 PK	● 806 **314** 197 **534**			FGC0855016-25	FGC0855018-25	
25 PK	● 806 **314** 197 **524**	FG855012-25	FG855014-25	FG855016-25	FG855018-25	FG855025-25
25 PK	● 806 **314** 197 **514**	FG855F012-25	FG855F014-25	FG855F016-25	FG855F018-25	
313 FG Short						
5 PK	● 806 **313** 197 **534**		FGC0855S014			
5 PK	● 806 **313** 197 **524**			FG855S016		
25 PK	● 806 **313** 197 **524**					FG855S025-25
104 HP						
1 PK	● 806 **104** 197 **524**		HP855014			



ISO 198
1/10 mm
L mm

		856-012	856-014	856-016	856-018	856-020	856-021	856-023	856-024	856-025
		8	8	8	8	8	8	8	8	8
	314 FG Standard									
5 PK	• 806 **314** 198 **544**	FG856SC012	FG856SC014	FG856SC016	FG856SC018	FG856SC020	FG856SC021			FG856SC025
5 PK	• 806 **314** 198 **534**	FGC0856012	FGC0856014	FGC0856016	FGC0856018	FGC0856020	FGC0856021			FGC0856025
5 PK	• 806 **314** 198 **524**	FG856012	FG856014	FG856016	FG856018		FG856021			FG856025
5 PK	• 806 **314** 198 **514**	FG856F012	FG856F014	FG856F016	FG856F018		FG856F021	FG856F023	FG856F024	
25 PK	• 806 **314** 198 **544**			FG856SC016-25	FG856SC018-25	FG856SC020-25	FG856SC021-25			FG856SC025-25
25 PK	• 806 **314** 198 **534**	FGC0856012-25	FGC0856014-25	FGC0856016-25	FGC0856018-25	FGC0856020-25	FGC0856021-25			FGC0856025-25
25 PK	• 806 **314** 198 **524**	FG856012-25	FG856014-25	FG856016-25	FG856018-25		FG856021-25			FG856025-25
25 PK	• 806 **314** 198 **514**	FG856F012-25	FG856F014-25	FG856F016-25	FG856F018-25		FG856F021-25	FG856F023-25	FG856F024-25	
	313 FG Short									
5 PK	• 806 **313** 198 **534**	FGC0856S012	FGC0856S014	FGC0856S016						
5 PK	• 806 **313** 198 **524**			FG856S016						
	312 FG Shorter than Short									
5 PK	• 806 **312** 198 **544**			FG856SC016SS						
	204 RA Standard									
5 PK	• 806 **204** 198 **524**			CA856016						
	104 HP									
1 PK	• 806 **104** 198 **524**			HP856016						



ISO 198
1/10 mm
L mm

		856L-014	856L-016	856L-018
		9	9	9
	314 FG Standard			
5 PK	• 806 **314** 198 **544**	FG856LSC014	FG856LSC016	FG856LSC018
5 PK	• 806 **314** 198 **534**	FGC0856L014	FGC0856L016	FGC0856L018
5 PK	• 806 **314** 198 **524**	FG856L014	FG856L016	FG856L018
5 PK	• 806 **314** 198 **514**	FG856LF014	FG856LF016	FG856LF018
25 PK	• 806 **314** 198 **544**	FG856LSC014-25	FG856LSC016-25	FG856LSC018-25
25 PK	• 806 **314** 198 **534**	FGC0856L014-25	FGC0856L016-25	FGC0856L018-25
25 PK	• 806 **314** 198 **524**	FG856L014-25	FG856L016-25	FG856L018-25
25 PK	• 806 **314** 198 **514**	FG856LF014-25	FG856LF016-25	FG856LF018-25

SAFE END TAPER

ISO 220
1/10 mm
L mm

		857-014	857-016
		10	10
	314 FG Standard		
5 PK	• 806 **314** 220 **524**	FG857014	FG857016
25 PK	• 806 **314** 220 **524**	FG857014-25	FG857016-25
	204 RA Standard		
5 PK	• 806 **204** 220 **524**		CA857016

NEEDLE

ISO 165
1/10 mm
L mm

	858-008	858-012	858-013	858-014	858-016	858-018
	8	8	8	8	8	8
314 FG Standard						
5 PK ● 806 **314** 165 **544**				FG858SC014		
5 PK ● 806 **314** 165 **534**				FGC0858014	FGC0858016	FGC0858018
5 PK ● 806 **314** 165 **524**	FG858008	FG858012	FG858013	FG858014	FG858016	FG858018
5 PK ● 806 **314** 165 **514**	FG858F008		FG858F013	FG858F014	FG858F016	
5 PK ● 806 **314** 165 **504**	FG858C008			FG858C014		
25 PK ● 806 **314** 165 **544**				FG858SC014-25		
25 PK ● 806 **314** 165 **534**				FGC0858014-25		FGC0858018-25
25 PK ● 806 **314** 165 **524**	FG858008-25	FG858012-25	FG858013-25	FG858014-25	FG858016-25	FG858018-25
25 PK ● 806 **314** 165 **514**	FG858F008-25		FG858F013-25	FG858F014-25	FG858F016-25	
● 806 **314** 165 **504**	FG858C008-25			FG858C014-25		
313 FG Short						
25 PK ● 806 **313** 165 **524**				FG858S014-25		
204 RA Standard						
5 PK ● 806 **204** 165 **524**				CA858014	CA858016	
5 PK ● 806 **204** 165 **514**				CA858F014		
104 HP						
1 PK ● 806 **104** 165 **524**				HP858014		

NEEDLE

ISO 167
1/10 mm
L mm

	859-010	859-014	859-016	859-018	859-023
	10	10	10	12	12
314 FG Standard					
5 PK ● 806 **314** 167 **534**	FGC0859010	FGC0859014	FGC0859016	FGC0859018	
5 PK ● 806 **314** 167 **524**	FG859010	FG859014	FG859016	FG859018	
5 PK ● 806 **314** 167 **514**	FG859F010	FG859F014	FG859F016	FG859F018	
5 PK ● 806 **314** 167 **504**		FG859C014	FG859C016	FG859C018	
5 PK ○ 806 **314** 167 **494**		FG859CS014	FG859CS016		
25 PK ● 806 **314** 167 **534**	FGC0859010-25	FGC0859014-25	FGC0859016-25	FGC0859018-25	
25 PK ● 806 **314** 167 **524**	FG859010-25	FG859014-25	FG859016-25	FG859018-25	
25 PK ● 806 **314** 167 **514**	FG859F010-25	FG859F014-25	FG859F016-25	FG859F018-25	
25 PK ● 806 **314** 167 **504**		FG859C014-25	FG859C016-25	FG859C018-25	
25 PK ○ 806 **314** 167 **494**	FG859CS010-25	FG859CS014-25	FG859CS016-25		
313 FG Short					
5 PK ● 806 **313** 167 **524**	FG859S010				
25 PK ● 806 **313** 167 **534**		FGC0859S014-25			
25 PK ● 806 **313** 167 **524**	FG859S010-25				
204 RA Standard					
5 PK ● 806 **204** 167 **524**				CA859018	CA859018
5 PK ● 806 **204** 167 **514**				CA859F018	
5 PK ● 806 **204** 167 **504**				CA859C018	
25 PK ● 806 **204** 167 **534**				CA859C018-25	
104 HP					
1 PK ● 806 **104** 167 **524**			HP859016	HP859018	

LONG NEEDLE

ISO 222
1/10 mm
L mm

	859R-016
	10
314 FG Standard	
5 PK ● 806 **314** 222 **524**	FG859R016
5 PK ● 806 **314** 222 **514**	FG859RF016
25 PK ● 806 **314** 222 **524**	FG859R016-25
25 PK ● 806 **314** 222 **514**	FG859RF016-25

ISO 247
1/10 mm
L mm

		860-010	860-012	860-014	860-016
		3	4	5	5
314 FG Standard					
5 PK	806 **314** 247 **534**	FGC0860010		FGC0860014	FGC0860016
5 PK	806 **314** 247 **524**	FG860010	FG860012	FG860014	FG860016
5 PK	806 **314** 247 **514**		FG860F012		
5 PK	806 **314** 247 **504**		FG860C012		
5 PK	806 **314** 247 **494**		FG860CS012		
25 PK	806 **314** 247 **524**		FG860012-25	FG860014-25	FG860016-25
204 RA Standard					
5 PK	806 **204** 247 **524**	CA860010			
5 PK	806 **204** 247 **514**		CA860F012		
104 HP					
1 PK	806 **104** 247 **524**		HP860012	HP860014	

ISO 249
1/10 mm
L mm

		862-010	862-012	862-014	862-016	862-017
		8	8	8	8	8
314 FG Standard						
5 PK	806 **314** 249 **544**		FG862SC012	FG862SC014	FG862SC016	
5 PK	806 **314** 249 **534**	FGC0862010	FGC0862012	FGC0862014	FGC0862016	
5 PK	806 **314** 249 **524**	FG862010	FG862012	FG862014	FG862016	FG862017
5 PK	806 **314** 249 **514**	FG862F010	FG862F012	FG862F014	FG862F016	FG862F017
5 PK	806 **314** 249 **504**	FG862C010	FG862C012	FG862C014		
5 PK	806 **314** 249 **494**		FG862CS012	FG862CS014		
25 PK	806 **314** 249 **534**			FGC0862014-25	FGC0862016-25	
25 PK	806 **314** 249 **524**		FG862012-25	FG862014-25	FG862016-25	FG862017-25
25 PK	806 **314** 249 **514**		FG862F012-25	FG862F014-25	FG862F016-25	FG862F017-25
25 PK	806 **314** 249 **504**	FG862C010-25	FG862C012-25	FG862C014-25		
313 FG Short						
5 PK	806 **313** 249 **544**		FG862SCS012			
312 FG Shorter than Short						
5 PK	806 **312** 249 **544**		FG862SC012SS			
5 PK	806 **312** 249 **534**		FGC0862SS012			
104 HP						
1 PK	806 **104** 249 **524**			HP862014		

ISO 248
1/10 mm
L mm

		861-012	861-016
		5	6
314 FG Standard			
5 PK	806 **314** 248 **534**		FGC0861016
5 PK	806 **314** 248 **524**	FG861012	FG861016
25 PK	806 **314** 248 **534**		FGC0861016-25
25 PK	806 **314** 248 **524**	FG861012-25	FG861016-25
104 HP			
1 PK	806 **104** 248 **524**		HP861016

ISO 249
1/10 mm
L mm

		862L-018
		9
314 FG Standard		
5 PK	806 **314** 249 **534**	FGC0862L018
5 PK	806 **314** 249 **524**	FG862L018
5 PK	806 **314** 249 **514**	FG862LF018
25 PK	806 **314** 249 **524**	FG862L018-25

FLAME

ISO 250
1/10 mm
L mm

		863-012	863-014	863-016	863-018
		8	8	8	8
314 FG Standard					
5 PK	806 **314** 250 **534**	FGC0863012	FGC0863014	FGC0863016	FGC0863018
5 PK	806 **314** 250 **524**	FG863012	FG863014	FG863016	FG863018
5 PK	806 **314** 250 **514**	FG863F012	FG863F014	FG863F016	FG863F018
25 PK	806 **314** 250 **534**		FGC0863014-25	FGC0863016-25	FGC0863018-25
25 PK	806 **314** 250 **524**	FG863012-25	FG863014-25	FG863016-25	FG863018-25
25 PK	806 **314** 250 **514**		FG863F014-25	FG863F016-25	FG863F018-25
313 FG Short					
5 PK	806 **313** 250 **524**	FG863S012	FG863S014	FG863S016	
204 RA Standard					
5 PK	806 **204** 250 **524**				CA863018
104 HP					
1 PK	806 **104** 250 **524**		HP863014		HP863018

POINTED FOOTBALL

ISO 243
1/10 mm
L mm

		868-016	868-018	868-021	868-022	868-023	868-024
		5	5	5	5	5	5
314 FG Standard							
5 PK	806 **314** 243 **534**	FGC0868016	FGC0868018	FGC0868021			FGC0868024
5 PK	806 **314** 243 **524**	FG868016	FG868018	FG868021			FG868024
5 PK	806 **314** 243 **514**	FG868F016	FG868F018		FG868F022	FG868F023	
5 PK	806 **314** 243 **504**	FG868C016	FG868C018	FG868C021		FG868C023	
5 PK	806 **314** 243 **494**	FG868CS016	FG868CS018	FG868CS021			
25 PK	806 **314** 243 **534**	FGC0868016-25	FGC0868018-25	FGC0868021-25			FGC0868024-25
25 PK	806 **314** 243 **524**	FG868016-25	FG868018-25	FG868021-25			FG868024-25
25 PK	806 **314** 243 **514**	FG868F016-25	FG868F018-25		FG868F022-25	FG868F023-25	
25 PK	806 **314** 243 **504**	FG868C016-25	FG868C018-25	FG868C021-25		FG868C023-25	
25 PK	806 **314** 243 **494**	FG868CS016-25	FG868CS018-25	FG868CS021-25			
204 RA Standard							
5 PK	806 **204** 243 **524**		CA868018				CA868024
5 PK	806 **204** 243 **514**		CA868F018				
5 PK	806 **204** 243 **504**		CA868C018				
5 PK	806 **204** 243 **494**		CA868CS018				

MODIFIED CHAMFER/ CURETTAGE

ISO 296
1/10 mm
L mm

		876K-012
		5
314 FG Standard		
5 PK	806 **314** 296 **524**	FG876K012

MODIFIED BEVELED CYLINDER

ISO 288
1/10 mm
L mm

		877-010	877-012
		6	6
314 FG Standard			
5 PK	806 **314** 288 **534**	FGC0877010	FGC0877012
5 PK	806 **314** 288 **524**	FG877010	FG877012
5 PK	806 **314** 288 **514**	FG877F010	FG877F012
25 PK	806 **314** 288 **524**		FG877012-25
204 RA Standard			
5 PK	806 **204** 288 **524**		CA877012

CURETTAGE

ISO 297
1/10 mm
L mm

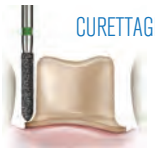
		877K-012	877K-014	887K-016
		6	6	6
314 FG Standard				
5 PK	806 **314** 297 **534**			FGC0877K016
5 PK	806 **314** 297 **524**	FG877K012	FG877K014	FG877K016
5 PK	806 **314** 297 **514**		FG877KF014	FG877KF016
25 PK	806 **314** 297 **534**			FGC0877K016-25
25 PK	806 **314** 297 **524**	FG877K012-25	FG877K014-25	FG877K016-25
25 PK	806 **314** 297 **514**			FG877KF016-25

MODIFIED BEVELED CYLINDER

ISO 289

		878-012	878-014	878-016
1/10 mm				
L mm		6	6	6
314 FG Standard				
5 PK ●	806 **314** 289 **534**	FGC0878012	FGC0878014	FGC0878016
5 PK ●	806 **314** 289 **524**	FG878012	FG878014	FG878016
5 PK ●	806 **314** 289 **514**	FG878F012	FG878F014	FG878F016
25 PK ●	806 **314** 289 **534**			FGC0878016-25
25 PK ●	806 **314** 289 **524**	FG878012-25	FG878014-25	FG878016-25
25 PK ●	806 **314** 289 **514**			FG878F016-25
204 RA Standard				
5 PK ●	806 **204** 289 **524**	CA878012	CA878014	

CURETTAGE



ISO 298

		878K-012	878K-014	878K-016	878K-018	878K-021
1/10 mm						
L mm		8	8	8	8	8
314 FG Standard						
5 PK ●	806 **314** 298 **544**		FG878KSC014	FG878KSC016	FG878KSC018	
5 PK ●	806 **314** 298 **534**	FGC0878K012	FGC0878K014	FGC0878K016	FGC0878K018	FGC0878K021
5 PK ●	806 **314** 298 **524**	FG878K012	FG878K014	FG878K016	FG878K018	FG878K021
5 PK ●	806 **314** 298 **514**	FG878KF012	FG878KF014	FG878KF016	FG878KF018	FG878KF021
25 PK ●	806 **314** 298 **544**		FG878KSC014-25	FG878KSC016-25	FG878KSC018-25	
25 PK ●	806 **314** 298 **534**	FGC0878K012-25	FGC0878K014-25	FGC0878K016-25	FGC0878K018-25	
25 PK ●	806 **314** 298 **524**	FG878K012-25	FG878K014-25	FG878K016-25	FG878K018-25	FG878K021-25
25 PK ●	806 **314** 298 **514**	FG878KF012-25	FG878KF014-25		FG878KF018-25	

MODIFIED BEVELED CYLINDER

ISO 290

		879-012	879-014	879-016
1/10 mm				
L mm		10	10	10
314 FG Standard				
5 PK ●	806 **314** 290 **534**	FGC0879012	FGC0879014	FGC0879016
5 PK ●	806 **314** 290 **524**	FG879012	FG879014	FG879016
5 PK ●	806 **314** 290 **514**	FG879F012	FG879F014	FG879F016
25 PK ●	806 **314** 290 **534**		FGC0879014-25	
25 PK ●	806 **314** 290 **524**	FG879012-25	FG879014-25	FG879016-25
25 PK ●	806 **314** 290 **514**	FG879F012-25		FG879F016-25
204 RA Standard				
5 PK ●	806 **204** 290 **524**		CA879014	

CURETTAGE

ISO 299

		879K-012	879K-014	879K-016	879K-017	879K-018	879K-021
1/10 mm							
L mm		10	10	10	10	10	10
314 FG Standard							
5 PK ●	806 **314** 299 **534**	FGC0879K012	FGC0879K014	FGC0879K016		FGC0879K018	FGC0879K021
5 PK ●	806 **314** 299 **524**	FG879K012	FG879K014	FG879K016	FG879K017	FG879K018	FG879K021
5 PK ●	806 **314** 299 **514**	FG879KF012	FG879KF014	FG879KF016	FG879KF017	FG879KF018	FG879KF021
25 PK ●	806 **314** 299 **534**			FGC0879K016-25			FGC0879K021-25
25 PK ●	806 **314** 299 **524**	FG879K012-25	FG879K014-25	FG879K016-25	FG879K017-25	FG879K018-25	FG879K021-25
25 PK ●	806 **314** 299 **514**	FG879KF012-25		FG879KF016-25	FG879KF017-25		

ROUND END CYLINDER

ISO 140

		880-010	880-012	880-014	880-021
1/10 mm					
L mm		6	6	6	6
314 FG Standard					
5 PK ●	806 **314** 140 **534**	FGC0880010	FGC0880012	FGC0880014	FGC0880021
5 PK ●	806 **314** 140 **524**	FG880010	FG880012	FG880014	FG880021
5 PK ●	806 **314** 140 **514**	FG880F010	FG880F012	FG880F014	
25 PK ●	806 **314** 140 **534**		FGC0880012-25		
25 PK ●	806 **314** 140 **524**	FG880010-25	FG880012-25	FG880014-25	FG880021-25
25 PK ●	806 **314** 140 **514**		FG880F012-25	FG880F014-25	

ROUND END CYLINDER

ISO 141
1/10 mm
L mm
314 FG Standard

		881-009	881-010	881-012	881-014	881-016	881-018
		8	8	8	8	8	8
5 PK	806 **314** 141 **544**					FG881SC016	FG881SC018
5 PK	806 **314** 141 **534**	FGC0881009		FGC0881012	FGC0881014	FGC0881016	FGC0881018
5 PK	806 **314** 141 **524**		FG881010	FG881012	FG881014	FG881016	FG881018
5 PK	806 **314** 141 **514**		FG881F010	FG881F012	FG881F014	FG881F016	FG881F018
5 PK	806 **314** 141 **504**					FG881C016	
25 PK	806 **314** 141 **534**	FGC0881009-25		FGC0881012-25	FGC0881014-25	FGC0881016-25	FGC0881018-25
25 PK	806 **314** 141 **524**		FG881010-25	FG881012-25	FG881014-25	FG881016-25	FG881018-25
25 PK	806 **314** 141 **514**		FG881F010-25	FG881F012-25		FG881F016-25	
25 PK	806 **314** 141 **504**					FG881C016-25	

ROUND END CYLINDER

ISO 142
1/10 mm
L mm
314 FG Standard

		882-010	882-016
		10	10
5 PK	806 **314** 142 **534**		FGC0882016
5 PK	806 **314** 142 **524**	FG882010	
25 PK	806 **314** 142 **524**	FG882010-25	

SPECIALITY SHAPES

ISO 539
1/10 mm
L mm
314 FG Standard

		883-007	883-010
		3	3
5 PK	806 **314** 539 **534**		FGC0883010
5 PK	806 **314** 539 **524**	FG883007	FG883010
5 PK	806 **314** 539 **514**	FG883F007	
25 PK	806 **314** 539 **534**		FGC0883010-25
25 PK	806 **314** 539 **524**		FG883010-25
25 PK	806 **314** 539 **514**	FG883F007-25	

BEVELED CYLINDER

ISO 129
1/10 mm
L mm
314 FG Standard

		884-010	884-012
		6	6
5 PK	806 **314** 129 **534**		FGC0884012
5 PK	806 **314** 129 **524**	FG884010	FG884012
5 PK	806 **314** 129 **514**		FG884F012
25 PK	806 **314** 129 **524**	FG884010-25	FG884012-25

BEVELED CYLINDER

ISO 130
1/10 mm
L mm
314 FG Standard

		885-010	885-012	885-014	885-016
		8	8	8	8
5 PK	806 **314** 130 **544**			FG885SC014	
5 PK	806 **314** 130 **534**	FGC0885010	FGC0885012	FGC0885014	FGC0885016
5 PK	806 **314** 130 **524**	FG885010	FG885012	FG885014	FG885016
5 PK	806 **314** 130 **514**		FG885F012	FG885F014	FG885F016
5 PK	806 **314** 130 **504**		FG885C012		FG885C016
25 PK	806 **314** 130 **534**	FGC0885010-25	FGC0885012-25	FGC0885014-25	
25 PK	806 **314** 130 **524**	FG885010-25	FG885012-25	FG885014-25	FG885016-25
25 PK	806 **314** 130 **514**		FG885F012-25	FG885F014-25	

MODIFIED BEVELED CYLINDER

ISO 130
1/10 mm
L mm
314 FG Standard

		885K-020
		8
25 PK	806 **314** 130 **514**	FG885KF020-25

BEVELED CYLINDER

ISO 131

		886-012	886-014	886-016
	1/10 mm			
	L mm	10	10	10
	314 FG Standard			
5 PK	806 **314** 131 **534**	FGC0886012	FGC0886014	FGC0886016
5 PK	806 **314** 131 **524**	FG886012	FG886014	FG886016
5 PK	806 **314** 131 **514**	FG886F012	FG886F014	FG886F016
25 PK	806 **314** 131 **524**	FG886012-25	FG886014-25	FG886016-25

FLAME

ISO 496

		888-012	888-016	888-018
	1/10 mm			
	L mm	7	7	7
	314 FG Standard			
5 PK	806 **314** 496 **544**	FG888SC012		
5 PK	806 **314** 496 **534**	FGC0888012	FGC0888016	
5 PK	806 **314** 496 **524**	FG888012	FG888016	FG888018
5 PK	806 **314** 496 **514**	FG888F012		
5 PK	806 **314** 496 **504**	FG888C012		
25 PK	806 **314** 496 **534**	FGC0888012-25		
25 PK	806 **314** 496 **524**	FG888012-25	FG888016-25	FG888018-25

SPECIALITY SHAPES

ISO 540

		889-010
	1/10 mm	
	L mm	4
	314 FG Standard	
5 PK	806 **314** 540 **534**	FGC0889010
5 PK	806 **314** 540 **524**	FG889010
5 PK	806 **314** 540 **514**	FG889F010
25 PK	806 **314** 540 **534**	FGC0889010-25
25 PK	806 **314** 540 **524**	FG889010-25
25 PK	806 **314** 540 **514**	FG889F010-25

ACORN

ISO 031

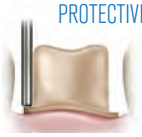
		905-023	905-027	905-031
	1/10 mm			
	L mm	2.6	2.7	3
	314 FG Standard			
5 PK	806 **314** 031 **524**	FG905023	FG905027	FG905031
5 PK	806 **314** 031 **514**	FG905F023	FG905F027	FG905F031
25 PK	806 **314** 031 **524**	FG905023-25	FG905027-25	FG905031-25
25 PK	806 **314** 031 **514**		FG905F027-25	

WHEEL

ISO 068

		909-031	909-033	909-035	909-040	909-042	909-055
	1/10 mm						
	L mm	1	1.5	1.5	1.5	1.5	1.6
	314 FG Standard						
5 PK	806 **314** 068 **544**				FG909SC040	FG909SC042	
5 PK	806 **314** 068 **534**	FGC0909031	FGC0909033	FGC0909035		FGC0909042	
5 PK	806 **314** 068 **524**	FG909031		FG909035	FG909040	FG909042	FG909055
5 PK	806 **314** 068 **514**			FG909F035	FG909F040		
25 PK	806 **314** 068 **534**	FGC0909031-25	FGC0909033-25	FGC0909035-25		FGC0909042-25	
25 PK	806 **314** 068 **524**	FG909031-25		FG909035-25	FG909040-25	FG909042-25	FG909055-25
25 PK	806 **314** 068 **514**			FG909F035-25	FG909F040-25		
	104 HP						
1 PK	806 **104** 068 **524**						HP909055

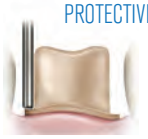
TISSUE PROTECTIVE END



ISO 150
1/10 mm
L mm
314 FG Standard

			10839-010	10839-012	10839-014	10839-016
			0.4	0.4	0.4	0.4
5 PK	• 806 **314** 150 **524**		FG10839010	FG10839012	FG10839014	FG10839016
25 PK	• 806 **314** 150 **524**		FG10839010-25	FG10839012-25	FG10839014-25	FG10839016-25

TISSUE PROTECTIVE END



ISO 150
1/10 mm
L mm
314 FG Standard

			10839L-010
			0.4
5 PK	• 806 **314** 150 **524**		FG10839L010
25 PK	• 806 **314** 150 **524**		FG10839L010-25

PROSTHESIS CYLINDER AND CONE

ISO
1/10 mm
L mm
314 FG Standard

			BR1 016	BR2 018	BR3 018	BR4 020
			7	10	8	10
5 PK	• 806 **314**	**524**	FGBR1016	FGBR2018	FGBR3018	FGBR4020
25 PK	• 806 **314**	**524**		FGBR2018-25	FGBR3018-25	

KS

ISO 141
1/10 mm
L mm
314 FG Standard

			KS03 KS-009	KS13 KS-012	KS23 KS-014	KS33 KS-016	KS35 KS-016
			7	7	8	8	8
5 PK	• 806 **314** 141 **544**		FGKS03SC009	FGKS13SC012	FGKS23SC014	FGKS33SC016	FGKS35SC016
25 PK	• 806 **314** 141 **544**		FGKS03SC009-25	FGKS13SC012-25	FGKS23SC014-25	FGKS33SC016-25	FGKS35SC016-25

FINISHING

ISO 216
ISO 217
ISO 218
ISO 219
1/10 mm
L mm
314 FG Standard

			SE3 SE-010	SE4 SE-012	SE6 SE-016	SE8 SE-016	SE9 SE-016
			216 3	217 4	218 6	219 8	219 9
5 PK	• 806 **314**	**514**	FGSE3F010	FGSE4F012	FGSE6F016	FGSE8F016	FGSE9F016
5 PK	• 806 **314**	**504**	FGSE3C010	FGSE4C012	FGSE6C016	FGSE8C016	FGSE9C016
25 PK	• 806 **314**	**514**	FGSE3F010-25	FGSE4F012-25	FGSE6F016-25	FGSE8F016-25	FGSE9F016-25
25 PK	• 806 **314**	**504**	FGSE3C010-25	FGSE4C012-25	FGSE6C016-25	FGSE8C016-25	

TDA® Turbo-Double Action Diamond Instruments

High cutting efficiency means reduced chair time!

TDA®
DIAMOND INSTRUMENTS
TURBO DOUBLE ACTION

FG • 5 PACK • BULK 25 PACK

Fast, Efficient Gross Reduction and Simultaneous Finishing

The TDA®'s patented spiral-channel design allows for rapid, non-traumatic gross reduction and also reduces the need and time for separate finishing. Here's why. The blade-like channel edges of the TDA® increase cutting speed by chipping enamel and dentin away followed by the immediate abrasive action of the diamond particles which smooth the fresh cut surface. (Fig.1)

Self-Removal of Debris

The spiral-channel design of the TDA® directs a "turbo" flow of cool, lubricating water spray from the high-speed handpiece through the spiral channels to flush away debris and prevent clogging. This feature helps reduce drag on the handpiece and result in more rapid and efficient tooth reduction. (Fig. 2&3)

Rapid Heat Dissipation: Less Tooth Trauma

The opposing spiral channels are essential to creating cooler cutting. When the TDA® is activated with a high-speed handpiece the rotational forces recover the water spray and convey it to the working point along the spiral channel groves. This allows longer contact of the cooling spray with the tooth and the instrument, thereby creating a more efficient thermal exchange. The result is cooler cutting less tooth trauma and improved diamond life.

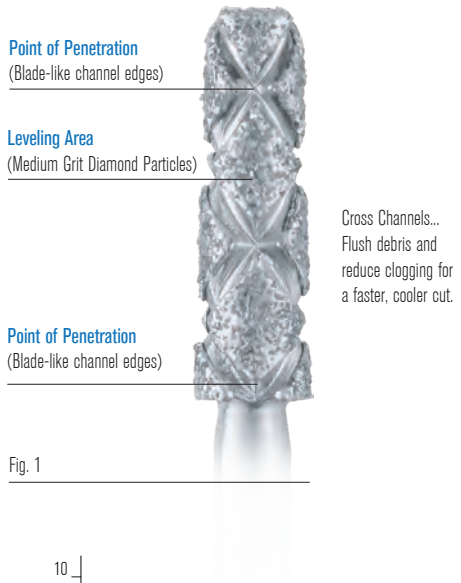


Fig. 1

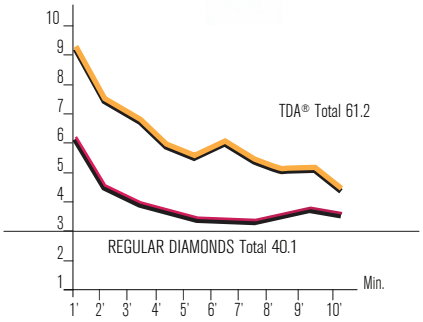


Fig. 2

Penetration (mm.) from 0 to 10 minutes.
Pressure: 200 G.
Material: glass
Cooling: water
RPM: 324.000

Fig. 3

Material removed (mm^3) in 10 minutes.
Pressure: 200 G.
Material: glass
Cooling: water
RPM: 324.000

FG • 5 PACK • BULK 25 PACK


847

Diameter mm	016	018	020	024
Head Length mm	8	8	8	8
• 847 FG Standard	016	018	020	024
5 PACK	TD847016	TD847018	TD847020	TD847024
BULK 25 PACK	TD847016-25	TD847018-25	TD847020-25	
Applications	SP	SP	SP	SP


848

Diameter mm	020
Head Length mm	10
• 848 FG Standard	020
5 PACK	TD848020
BULK 25 PACK	TD848020-25
Applications	SP


849

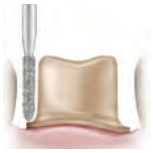
Diameter mm	012	018	022
Head Length mm	4	4	4
• 849 FG Standard	012	018	022
5 PACK	TD849012	TD849018	TD849022
BULK 25 PACK	-	TD849018-25	TD849022-25
Applications	BC	CP	CP


854

Diameter mm	018
Head Length mm	10
• 854 FG Standard	018
5 PACK	TD854018
BULK 25 PACK	TD854018-25
Applications	CP


855

Diameter mm	014	018	023
Head Length mm	6	6	6
• 855 FG Standard	014	018	023
5 PACK	TD855014	TD855018	TD855023
BULK 25 PACK	TD855014-25	TD855018-25	TD855023-25
Applications	BC	CP	CP

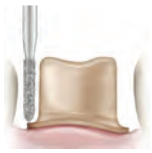



856

Diameter mm	016	018	020	024
Head Length mm	8	8	8	8
• 856 FG Standard	016	018	020	024
5 PACK	TD856016	TD856018	TD856020	TD856024
BULK 25 PACK	TD856016-25	TD856018-25	TD856020-25	TD856024-25
Applications	BC	CP	CP	CP


868

Diameter mm	018	024
Head Length mm	5	5
• 868 FG Standard	018	024
5 PACK	TD868018	TD868024
BULK 25 PACK	TD868018-25	TD868024-25
Applications	OL	OL




877

Diameter mm	014
Head Length mm	6
• 877K FG Standard	014
5 PACK	TD877014
Applications	MC

APPLICATIONS:

BC: Break Contact
CP: Chamfer Prep
SP: Shoulder Prep
MC: Modified Chamfer
OL: Occlusal/Lingual
BP: Bevel Prep

TDA® DIAMOND INSTRUMENTS TURBO DOUBLE ACTION

FG • 5 PACK • BULK 25 PACK

878

Diameter mm	016
Head Length mm	8
• 878 FG Standard	016
5 PACK	TD878016
BULK 25 PACK	TD878016-25
Applications	MC

878K

Diameter mm	016	018	020
Head Length mm	8	8	8
• 878K FG Standard	016	018	020
5 PACK	TD878K016	TD878K018	TD878K020
BULK 25 PACK	TD878K016-25	TD878K018-25	TD878K020-25
Applications	MC	MC	MC

879

Diameter mm	018
Head Length mm	10
• 878 FG Standard	018
5 PACK	TD879018
Applications	MC

880

Diameter mm	014
Head Length mm	6
• 880 FG Standard	014
5 PACK	TD880014
BULK 25 PACK	TD880014-25
Applications	CP

881

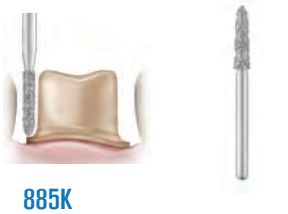
Diameter mm	016
Head Length mm	8
• 881 FG Standard	016
5 PACK	TD881016
BULK 25 PACK	TD881016-25
Applications	CP

882

Diameter mm	018
Head Length mm	10
• 882 FG Standard	018
5 PACK	TD882018
BULK 25 PACK	TD882018-25
Applications	CP

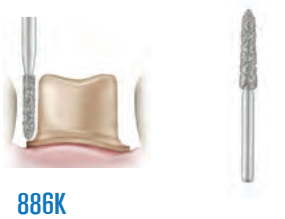
885

Diameter mm	012	016
Head Length mm	8	8
• 885 FG Standard	016	016
5 PACK	TD885012	TD885016
BULK 25 PACK	TD885012-25	TD885016-25
Applications	BP	BP



885K

Diameter mm	020
Head Length mm	8
• 885K FG Standard	020
5 PACK	TD885K020
Applications	BP



886K

Diameter mm	023
Head Length mm	10
• 886 FG Standard	023
5 PACK	TD886K023
Applications	BP

APPLICATIONS:

BC: Break Contact
CP: Chamfer Prep
SP: Shoulder Prep
MC: Modified Chamfer
OL: Occlusal/Lingual
BP: Bevel Prep

TDA® DIAMOND INSTRUMENTS TURBO DOUBLE ACTION

TDA® Technique Tips:

How to produce a bevel, shoulder or chamfer preparation with one or two instruments.

The Goal: Uniform Finish Lines Result in Precision-Fit Restorations

The Procedure:

1. Match the instrument to the task

The shape of the tooth preparation is determined by the shape of the TDA® Diamond Instrument that is used.
For each type of crown preparation (i.e., bevel, shoulder, or chamfer) select the apporiate shape of TDA® Diamond.

2. Measure the preparation depth easily

The amount of tooth structure to be removed is determined by cutting to a depth equal to one half the diameter of the TDA® Diamod.
Select the size TDA® Diamond having a diameter at least equal to twice the depth od the preparation required
(when measured at the gingival margin)

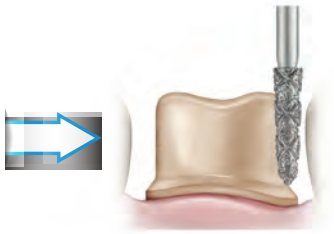
3. Measure the preparation depth easily

As a first step, to assure no trauma to surrounding gingival tissue, begin all preparations at the gingival margin are with a 50º bevel angle using the TDA® Diamond 885K 020. Then resume preparations for shoulder (90º angle) or chamfer or bevel (50º angle) with the appropriate size and shape TDA® Diamond.

The Technique:

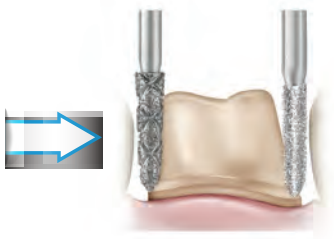
Create a bevel (50º angle)

1. For a bevel finish line (50º angle) position the tip of the TDA® Diamond FG 885K 020.



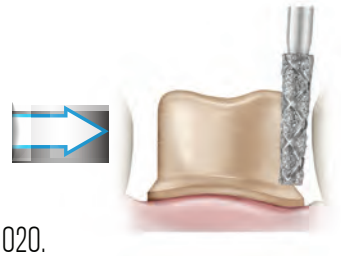
Finish the (50º angle)

2. Finish with TDA® Diamond FG 885KF 020



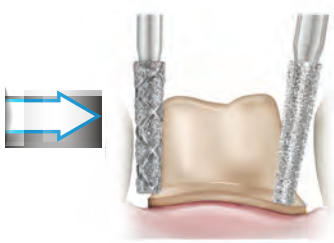
Create a shoulder (90º angle)

1. For a shoulder preparation (90º angle) use the "flat end" TDA® Diamond 847-020 to complete the angle after creating a bevel with a FG 885K 020.



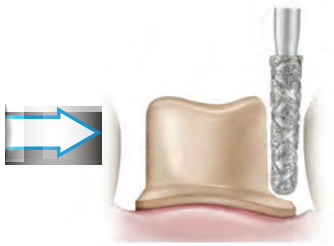
Finishing the (90º angle)

2. Finish with TDA® Diamond FG 847F 020.



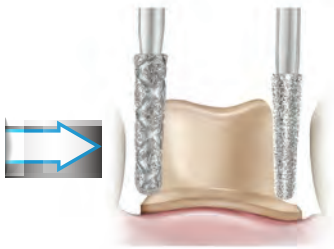
Create a chamfer

1. For a chamfer preparation use the "round end" TDA® Diamond FG 856-020 to complete the chamfer finish line after creating a bevel with the FG 885K-020



Finishing the (90º angle)

2. Finish with TDA® Diamond FG 856F-021.



Create Faster, More Beautiful, Polishes with Jazz® Polishers

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

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

For Porcelain, Metal and CAD/CAM Restorations

JAZZ® POLISHERS P2S
PORCELAIN & METAL 2-STEP SINGLE-PATIENT POLISHING SYSTEM

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

20 PK - RA Latch Type


Medium Flame
Item #89017


Medium Cup
Item #89018


Fine Flame
Item #89019


Fine Cup
Item #89020

JAZZ® POLISHERS P3S
PORCELAIN & METAL 3-STEP POLISHING SYSTEM

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

3 PK - RA Latch Type


Coarse Flame
Item #89004


Coarse Cup
Item #89005


Coarse Knife Edge
Item #89006


Coarse Small Flame
Item #89007

1. Use the coarse grit polisher for reducing and trimming


Medium Flame
Item #89008


Medium Cup
Item #89009


Medium Knife Edge
Item #89010


Medium Small Flame
Item #89011

2. Follow with the medium grit polisher for smoothing


Fine Flame
Item #89012


Fine Cup
Item #89013


Fine Knife Edge
Item #89014


Fine Small Flame
Item #89015

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

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

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

For Composites

When only the highest shine will do:

JAZZ® POLISHERS SUPREME
COMPOSITE 1-STEP UNIVERSAL POLISHING SYSTEM


Flame
Item #89031


Cup
Item #89033


Knife Edge
Item #89032


Small Flame
Item #89034

Breakthrough technology produces the highest shine possible.

Single-step system saves time.

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

Re-usable for multiple-patient-use.

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

3 PK - RA Latch Type

When you need one polishing system for all composite materials:

JAZZ® POLISHERS C2S
COMPOSITE 2-STEP POLISHING SYSTEM


Medium Flame
Item #89022


Medium Cup
Item #89024


Medium Knife Edge
Item #89023


Medium Small Flame
Item #89025

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

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

Re-usable for multiple-patient-use.

Shanks are made of stainless steel.

3 PK - RA Latch Type


Fine Flame
Item #89026


Fine Cup
Item #89028


Fine Knife Edge
Item #89027


Fine Small Flame
Item #89029

When you need to save time without compromising quality:

JAZZ® POLISHERS C1S
COMPOSITE 1-STEP SINGLE-PATIENT POLISHING SYSTEM


Flame
Item #89036


Cup
Item #89037


Knife Edge
Item #89038

Diamond impregnanted to achieve a high gloss on all direct esthetic materials.

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

Single-patient-use system saves sterilization cost and time.

Shanks are made of high performance polymer.

20 PK - RA Latch Type

For Zirconia

When you need one polishing system for Zirconia:

JAZZ POLISHERS
ZA2S
ZIRCONIA - ALUMINA 2-STEP UNIVERSAL POLISHING SYSTEM

NEW PRODUCT

A specially formulated polisher for full contour zirconia restorations.

High diamond grit for more efficiency and durability.

Achieve a high gloss and eliminate the need for glazing.

3 PK

1. Use the medium grit polisher for reducing and smoothing


Medium Flame FG
Item #89110


Medium Small Flame RA
Item #89111


Medium Flame RA
Item #89112


Medium Cup RA
Item #89113


Medium Knife Edge RA
Item #89114

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


Fine Flame FG
Item #89115


Fine Small Flame RA
Item #89116


Fine Flame RA
Item #89117


Fine Cup RA
Item #89118


Fine Knife Edge RA
Item #89119

For Polishing

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

JAZZ POLISHERS
PRO BRUSH POLISHER
PORCELAIN - METAL-COMPOSITE POLISHING SYSTEM

NEW PRODUCT

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

Produces glossy surfaces after minimal processing time.

Low heat generation with minimal polishing paste required.

3 PK - RA Latch Type

Diamond Impregnated


Brush Polisher PMC2S
Medium Large Cup/Brush
Item #89120


Brush Polisher PMC2S
Medium Small Cup/Brush
Item #89121


Brush Polisher PMC2S
Medium Flame/Brush
Item #89122

Silicon Carbide Impregnated


Brush Polisher PMC2S
Fine Large Cup/Brush
Item #89123


Brush Polisher PMC2S
Fine Small Cup / Brush
Item #89124


Brush Polisher PMC2S
Fine Flame / Brush
Item #89125

Interproximal Diamond Finishing Strips

Perforated finishing strips

JAZZ® POLISHERS
PRO FINISHING STRIP
PORCELAIN-METAL-COMPOSITE-ENAMEL POLISHING SYSTEM

NEW PRODUCT

Flexible silicon carbide coated metal strips for manual surface adjustments.

Perforation removes the cut material cleanly.

Strips are specially designed for easier interproximal application.

● Coarse ● Medium ● Fine

Pro Finishing Strip PMCE3S Coarse - Item #89127 - 3PK
Dimensions (mm): 4 x 150

Pro Finishing Strip PMCE3S Coarse - Item #89130 - 3PK
Dimensions (mm): 2.5 x 150

Pro Finishing Strip PMCE3S Medium - Item #89128 - 3PK
Dimensions (mm): 4 x150

Pro Finishing Strip PMCE3S Medium - Item #89131 - 3PK
Dimensions (mm): 2.5 x 150

Pro Finishing Strip PMCE3S Fine - Item #89129 - 3PK
Dimensions (mm): 4 x 150

Pro Finishing Strip PMCE3S Fine - Item #89132 - 3PK
Dimensions (mm): 2.5 x 150

FOR DENTURE & ORTHO ACRYLICS

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

JAZZ® POLISHERS
DENTURE POLISHER
DENTURE & ORTHO ACRYLICS POLISHING SYSTEM

NEW PRODUCT

Chairside denture adjustments and polishing.

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

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

6 PK

Denture Polisher (A3S)
Acrylic 3 Step Polisher
Large Flame
Grit: Coarse
Head Length: 24 mm
Total Length: 56.5 mm
Diameter: 10.5 mm
Item #89165
6 PK HP Shank

Denture Polisher (A3S)
Acrylic 3 Step Polisher
Large Flame
Grit: Medium
Head Length: 24 mm
Total Length: 56.5 mm
Diameter: 10.5 mm
Item #89166
6 PK HP Shank

Denture Polisher (A3S)
Acrylic 3 Step Polisher
Large Flame
Grit: Fine
Head Length: 24 mm
Total Length: 56.5 mm
Diameter: 10.5 mm
Item #89167
6 PK HP Shank

Kits and Assortment Packs

JAZZ POLISHERS SUPREME
COMPOSITE 1-STEP UNIVERSAL POLISHING SYSTEM

4 Pc. Kit in Autoclavable Bur Block
Item #89035

Kit Includes (1 of each):
#89031 Universal Flame
#89032 Universal Knife Edge
#89033 Universal Cup
#89034 Universal Small Flame

JAZZ POLISHERS C2S
COMPOSITE 2-STEP POLISHING SYSTEM

8 Pc. Kit in Autoclavable Bur Block
Item #89030

Kit Includes (1 of each):
#89022 Medium Flame
#89023 Medium Knife Edge
#89024 Medium Cup
#89025 Medium Small Flame
#89026 Fine Flame
#89027 Fine Knife Edge
#89028 Fine Cup
#89029 Fine Small Cup

JAZZ POLISHERS C1S
COMPOSITE 1-STEP SINGLE-PATIENT POLISHING SYSTEM

12 Pc. Assortment Pack
Item #89039

Assortment Pack Includes (4 of each):
#89037 Universal Cup
#89038 Universal Knife Edge
#89036 Universal Flame

JAZZ POLISHERS P2S
PORCELAIN-METAL-CAD-CAM 2-STEP SINGLE-PATIENT POLISHING SYSTEM

12 Pc. Assortment Pack
Item #89021

Assortment Pack Includes (3 of each):
#89018 Medium Cup
#89017 Medium Flame
#89020 Fine Cup
#89019 Fine Flame

JAZZ POLISHERS P3S
PORCELAIN & METAL 3-STEP POLISHING SYSTEM

12 Pc. Kit in Autoclavable Bur Block
Item #89016

Kit Includes (1 of each):
#89004 Coarse Flame
#89005 Coarse Cup
#89006 Coarse Knife Edge
#89007 Coarse Small Flame
#89008 Medium Flame
#89009 Medium Cup
#89010 Medium Knife Edge
#89011 Medium Small Flame
#89012 Fine Flame
#89013 Fine Cup
#89014 Fine Knife Edge
#89015 Fine Small Edge

Complete Composite Finishing & Polishing Kit
Item #18220

Kit Includes (1 of each):

Safe End Series
SE3-10
SE3-20
SE6-10
SE6-20
SE9-10
SE9-20

Trimming and Finishing
FG 7379
FG 8379
FG 7274
FG 8274

Jazz® Polishers
Jazz® Supreme Cup
Jazz® Supreme Large Flame

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

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

(SOLD IN 5 PACKS)

ORAL SURGERY BUR SHAPE SELECTION

Round		NON-STERILE Shank #1	STERILE Shank #1	STERILE Shank #2	STERILE Shank #3		STERILE Shank #5
Size	Head Dia.	Part #	Part #	Part #	Part #		Part #
1	1.0	310047					
2	1.2	310048					
4	1.4	310050					
6	1.8	310052	310290	310249	310260		310278
8	2.3	310054	310289	310250	310261		310279
10	2.7	310055	310291				

Cross Cut Fissure		NON-STERILE Shank #1	STERILE Shank #1	STERILE Shank #2	STERILE Shank #3	STERILE Shank #4	STERILE Shank #5	STERILE Shank #6
Size	Head Dia.	Part #		Part #	Part #	Part #	Part #	Part #
557	1.0	310066						
558	1.2	310067						
560	1.6	310071						
1557	1.0	310081						
1558	1.2	310082						
700	1.2	310073						
701	1.2	310074	310292	310251		310271	310280	
701L	1.2	310085						
702	1.6	310075	310293	310252	310262	310272	310281	
702L	1.6	310076		310253			310282	
1702	1.6	310088		310258				
1702L	1.6	310089		310259		310267		
703	2.1	310077	310294	310254	310263		310283	310245
703L	2.1	310078		310255	310264		310284	
1703	2.1	310086	310295	310256	310265			
1703L	2.1	310087	310296	310257				

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

ORAL SURGERY BURS

Oral Surgery Bur Shank Length #1-6

Shank #1 – 44.5mm
Fits Hall® & Most Standard Hand Pieces for Medium Bur Guard

Shank #2 – 51mm
Fits Hall® & MicroAire® Hand Pieces with Medium Bur Guard

Shank #3 – 65mm
Fits Hall® & MicroAire® Hand Pieces with Long Bur Guard

Shank #4 – 44.5mm
Fits Stryker® 100K & Impaction Handpiece

Shank #5 – 59mm
Fits Stryker® 100K & Impaction Handpiece

Shank #6 – 44.5mm
Fits Stryker® 50K & Osteotome Drill J-Notch

Third Molar Extractions

Reduced Clogging

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

More Efficient Cutting

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

Reduced Bur Breakage

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

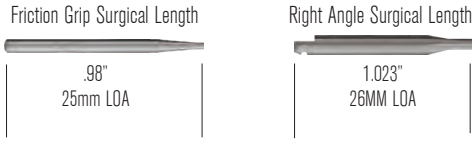
Packaged Sterile

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

Surgical Length Non-Sterile Burs

(SOLD IN 10 PACKS)

Surgical Bur (SL) Shank Length



Surgical Bur (SL) Shank Length - Round

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

Surgical Bur (SL) Shank Length - Cross Cut

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

Surgical Bur (SL) Shank Length - Cross Cut

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

Zekrya Burs (FG)

NEW PRODUCT

FG 10 PACK	151	151L
	350169	350170
Head Length (mm)	11	11
Head (mm)	1.6	1.6
Tip (mm)	0.8	0.8
LOA (mm)	23.5	28

Bone Cutters (FG)

NEW PRODUCT

FG 1 PACK	161-016	162-016	162A-016	267-016	269-016
	17735-1	17736-1	17737-1	17738-1	17739-1
Head Length (mm)	9	9	9	9	11
Head (mm)	1.6	1.6	1.6	1.6	1.6
Tip (mm)	1	1	1	1	0.9
LOA (mm)	25.5	25.5	25.5	25.5	25.5

Bone Cutters (RA)

NEW PRODUCT

RA 1 PACK	161-016
	17740-1
Head Length (mm)	9
Head (mm)	1.6
Tip (mm)	1
LOA (mm)	34

Bone Cutters (HP)

NEW PRODUCT

HP 1 PACK	161-016	162A-016
	17741-1	17742-1
Head Length (mm)	9	9
Head (mm)	1.6	1.6
Tip (mm)	1	1
LOA (mm)	44.5	44.5

Increased Performance and Durability with Zirconium Nitride Coated Lab Cutters

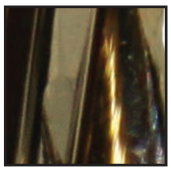
- 10X increased durability and longevity with extremely hard cutting surface of 2,800 Vickers
- Abrasion resistance reduces surface heat and vibration for a cooler, more consistent surface finish
- Comprehensive selection of shapes, sizes and grits, manufactured with tungsten carbide heads and stainless steel shanks
- Sold in packs of 1 ea.

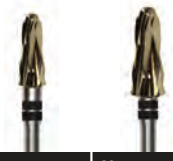
SGE SERIES™

Cross Cut

Model Plaster
BULK REDUCTION ON WET PLASTER

Soft Reline - REMOVAL



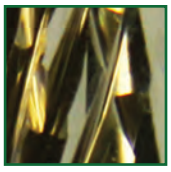


Shank ISO Shape	200	201
SSW Item Number	GW79-050SGE -4	GW79-070SGE-4
ISO Grit	223	223
Head Dia	050	070
Head Length mm	13	14
Color Band		
Max Speed	30K	20K
Brasseler Number	H79SGE.11.050	H79SGE.11.070
Edenta Number	-	-

GE SERIES™

Cross Cut

Model Plaster - BULK MATERIAL REDUCTION OF PLASTER
Acrylic - BULK REDUCTION
Non-Precious Alloy - BULK REDUCTION

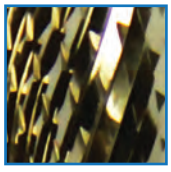


Shank ISO Shape	143	237	257	200	200	201
SSW Item Number	GW72-060GE-4	GW77-060GE-4	GW78-060GE-4	GW79-045GE-4	GW79-050GE-4	GW79-060GE-4
ISO Grit	220	220	220	220	220	220
Head Dia	060	060	060	045	050	060
Head Length mm	13	11	12	13	13	14
Color Band						
Max Speed	20K	20K	20K	30K	30K	20K
Brasseler Number	-	-	-	-	H79GE.11.050	-
Edenta Number	5850.060HP	5150.060HP	5350.060HP	5650.045HP	-	5550.060HP
Dedeco Number	-	-	-	-	-	-

E SERIES™

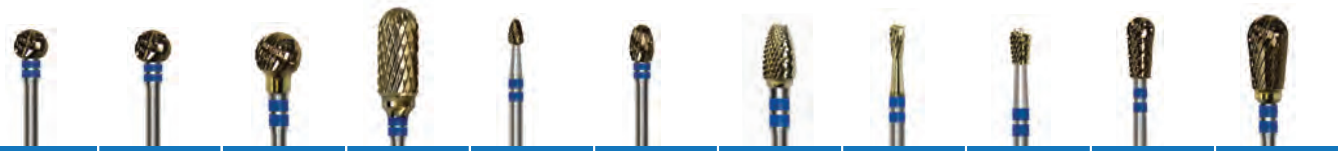
Cross Cut

Chrome Cobalt - TRIMMING PARTIAL DENTURE FRAMEWORK
Hard Acrylic - TRIMMING DENTURES, TRAYS, TEMPORARY RESTORATIONS
Metal Alloy - TRIMMING CROWN AND BRIDGE METAL SUBSTRUCTURES
Composite - TRIMMING TEMPORARY APPLIANCE AND RESTORATIONS
Plaster & Stone - TRIMMING MODELS & DIES



Shank ISO Shape	201	275	200	200
SSW Item Number	GW79-070GE-4	GW251-060GE-4	GW351-060GE-4	GW351-070GE-4
ISO Grit	220	220	220	220
Head Dia	070	060	060	070
Head Length mm	14	14	13	13
Color Band				
Max Speed	20K	20K	20K	20K
Brasseler Number	H79GE.11.070	H251GE.11.060	H351GE.11.060	H351GE.11.070
Edenta Number	-	5450.060HP	5250.060HP	6050.070HP
Dedeco Number	-	G251GE-060	G351GE-060	-

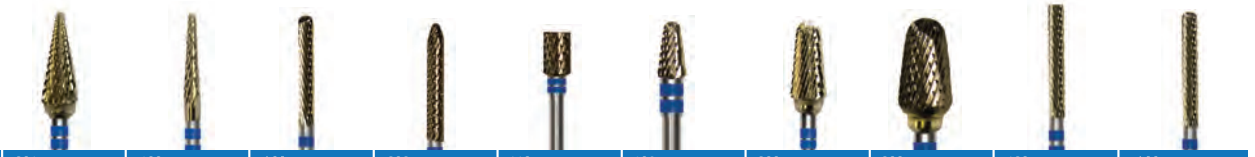
Shank ISO Shape	001	001	001	001	001
SSW Item Number	GW71-014E-4	GW71-023E-4	GW71-027E-4	GW71-031E-4	GW71-040E-4
ISO Grit	190	190	190	190	190
Head Dia	014	023	027	031	040
L mm	1.25	2.1	2.5	2.6	3.5
Color Band					
Max Speed	40K	40K	40K	30K	30K
Brasseler Number	H71E.11.014	H71E.11.023	H71E.11.027	H71E.11.031	H71E.11.040
Edenta Number	-	7110.023HP	7110.027HP	7110.031HP	7110.040HP
Dedeco Number	-	G071E-023	G071E-027	-	G071E-040



Shank ISO Shape	001	001	001	143	277	277	277	237	237	237	237
SSW Item Number	GW71-050E-4	GW71-060E-4	GW71-070E-4	GW72-060E-4	GW73-023E-4	GW73-040E-4	GW73-060E-4	GW77-023E-4	GW77-029E-4	GW77-040E-4	GW77-060E-4
ISO Grit	190	190	190	190	190	190	190	190	190	190	190
Head Dia	050	060	070	060	023	040	060	023	029	040	060
L mm	4.5	5.5	6.5	13	3.8	6	10	5.5	5.5	9	11
Color Band											
Max Speed	30K	20K	20K	20K	40K	30K	20K	40K	40K	30K	20K
Brasseler Number	H71E.11.050	H71E.11.060	H71E.11.070	H72E.11.060	H73E.11.023	H73E.11.040	H73E.11.060	H77E.11.023	H77E.11.029	H77E.11.040	H77E.11.060
Edenta Number	7110.050HP	7110.060HP	-	5810.060HP	1810.023HP	-	6310.060HP	7710.023HP	7710.029HP	-	7010.060HP
Dedeco Number	G071E-050	-	-	G072E-060	-	-	-	-	G077E-029	-	G0771E-060

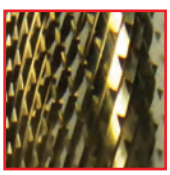
Shank / ISO Shape	257	257	257	199	200	200	200	201	139	225
SSW Item Number	GW78-023E-4	GW78-040E-4	GW78-060E-4	GW79-031E-4	GW79-040E-4	GW79-045E-4	GW79-050E-4	GW79-060E-4	GW129-014E-4	GW137-016E-4
ISO Grit	190	190	190	190	190	190	190	190	190	190
Head Dia	023	040	060	031	040	045	050	060	014	016
Head Length mm	6	9	12	11.5	13	13	13	14	4	4
Color Band										
Max Speed	40K	30K	20K	30K	30K	30K	30K	20K	40K	40K
Brasseler Number	H78E.11.023	-	H78E.11.060	-	H79E.11.040	-	H79E.11.050	-	H129E.11.014	H137E.11.016
Edenta Number	-	6110.040HP	5310.060HP	6410.031HP	5710.040HP	5610.045HP	-	5510.060HP	-	0910.023HP
Dedeco Number	-	G078E-040	-	G079E-031	G079E-040	G079E-045	-	G079E-060	-	-

Shank / ISO Shape	225	225	198	289	141	275	273	275	275	187
SSW Item Number	GW137-023E-4	GW137-060E-4	GW138-023E-4	GW139-023E-4	GW141-023E-4	GW250-040E-4	GW251-040E-4	GW251-060E-4	GW251-070E-4	GW257-023E-4
ISO Grit	190	190	190	190	190	190	190	190	190	190
Head Dia	023	060	023	023	023	040	040	060	070	023
Head Length mm	5.5	8	8	8	8	13	9	14	14	15
Color Band										
Max Speed	40K	20K	440K	40K	40K	30K	30K	20K	20K	40K
Brasseler Number	-	H137E.11.060	H138E.11.023	H139E.11.023	H141E.11.023	H250E.11.040	H251E.11.040	H251E.11.060	H251E.11.070	-
Edenta Number	0910.023HP	-	0710.023HP	0810.023HP	-	-	7210.040HP	5410.060HP	-	0610.023HP
Dedeco Number	G137E-023	-	-	-	-	-	-	G251E-060L	-	-



Shank / ISO Shape	201	199	144	292	110	198	200	200	123	144
SSW Item Number	GW257-060RE-4	GW261-023E-4	GW293-023E-4	GW295-023E-4	GW296-040E-4	GW351-040E-4	GW351-060E-4	GW351-070E-4	GW364-023E-4	GW364-023RE-4
ISO Grit	190	190	190	190	190	190	190	190	190	190
Head Dia	060	023	023	023	040	040	060	070	023	023
Head Length mm	14	11.5	15	15	6	8	13	13	15	15
Color Band										
Max Speed	20K	40K	40K	40K	30K	30K	20K	20K	40K	40K
Brasseler Number	H257RE.11.060	H261E.11.023	H293E.11.023	H295E.11.023	H296E.11.040	H351E.11.040	H351E.11.060	H351E.11.070	H364E.11.023	H364RE.10.023
Edenta Number	5910.060HP	0110.023HP	-	0410.023HP	-	6210.040HP	5210.060HP	-	0310.023HP	0210.023HP
Dedeco Number	G257RE-060	G261E-023	-	G295E-023	-	G351E-040	G351E-060	-	-	-

EF SERIES™
Cross Cut

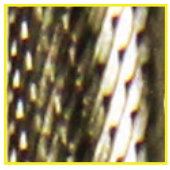


Chrome Cobalt - TRIMMING DENTURE FRAMEWORK
Hard Acrylic - TRIMMING DENTURES, TRAYS, TEMPORARY RESTORATIONS
Metal Alloy - TRIMMING CROWN AND BRIDGE METAL SUBSTRUCTURES
Composite - TRIMMING TEMPORARY APPLIANCE AND RESTORATIONS
Plaster & Stone - TRIMMING MODELS & DIES

Shank / ISO Shape	277	237	237	257	199	200	200	201	141	198
SSW Item Number	GW73-023EF-4	GW77-023EF-4	GW77-029EF-4	GW78-060EF-4	GW79-031EF-4	GW79-040EF-4	GW79-045EF-4	GW79-060EF-4	GW129-023EF-4	GW138-023EF-4
ISO Grit	140	140	140	140	140	140	140	140	140	140
Head Dia	023	023	029	060	031	040	045	060	023	023
Head Length mm	3.8	5.5	5.5	12	11.5	13	13	14	8	8
Color Band										
Max Speed	40K	40K	40K	20K	30K	30K	30K	20K	40K	40K
Brasseler Number	H73EF.11.023	H77EF.11.023	H77EF.11.029	H78EF.11.060	-	H79EF.11.040	-	-	H129EF.11.023	H138EF.11.023
Edenta Number	1820.023HP	7720.023HP	7720.029HP	5320.060HP	6420.031HP	5720.040HP	5620.045HP	5520.060HP	1720.023HP	0720.023HP
Dedeco Number	-	-	-		G261EF-023	G079EF-040	G079EF-045	G079EF-060	-	G138EF-023

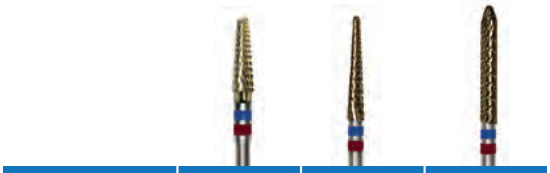
Shank ISO Shape	289	275	187	187	199	292	200	144
SSW Item Number	GW139-023EF-4	GW251-060EF-4	GW257-023EF-4	GW257-060EF-4	GW261-023EF-4	GW295-023EF-4	GW351-060EF-4	GW364-023REF-4
ISO Grit	140	140	140	140	140	140	140	140
Head Dia	023	060	023	060	023	023	060	023
Head Length mm	8	14	15	14	11.5	15	13	15
Color Band								
Max Speed	40K	20K	40K	20K	40K	40K	20K	40K
Brasseler Number	H139EF.11.023	H251EF.11.060	H257EF.11.023	H257EF.11.060	H261EF.11.023	H295EF.11.023	H351EF.11.060	H364R.11.023
Edenta Number	0820.023HP	5420.060HP	0620.023HP	-	0120.023HP	0420.023HP	5220.060HP	0220.023HP
Dedeco Number	-	G251EF-060	G257EF-023	-	G261EF-023	G295EF-023	G351EF-060	-

EUF SERIES™
High Noble Alloys - TRIMS WITHOUT FOLDING
Gold Cast Restorations - TRIM AND ADJUST
Cross Cut



Shank ISO Shape	277	289
SSW Item Number	GW73-014EUF-4	GW139-023EUF-4
ISO Grit	110	110
Head Dia	014	023
L mm	2.9	8
Color Band		
Max Speed	40K	40K
Brasseler Number	H73EUF.11.014	H139EUF.11.023
Edenta Number	-	-

Left Handed
EL SERIES™
Cross Cut

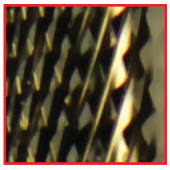


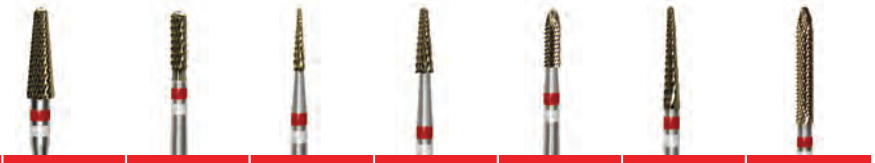
Shank ISO Shape	200	199	292
SSW Item Number	GW79-040EL-4	GW261-023EL-4	GW295-023EL-4
ISO Grit	192	192	192
Head Dia	040	023	023
L mm	13	11.5	15
Color Band			
Max Speed	30K	40K	40K
Brasseler Number	H79EL.11.040	H261EL.11.023	H295EL.11.023
Edenta Number	-	-	-

Left Handed
EFL SERIES™
Cross Cut

Shank ISO Shape	200
SSW Item Number	GW79-040EFL-4
ISO Grit	142
Head Dia	040
Head Length mm	13
Color Band	
Max Speed	30K
Brasseler Number	H79EFL.11.040
Edenta Number	-

DF SERIES™
Precision Metal- Crowns and Bridges - FINISHING PRIOR TO VENEERING
Non-Precious Metal - Crowns and Bridges - FINISHING PRIOR TO VENEERING
Porcelain to Metal Margins - FINE ADJUSTMENTS
Cross Cut





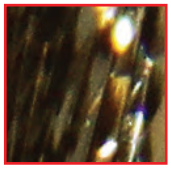
Shank ISO Shape	200	141	219	198	289	199	292
SSW Item Number	GW79-040DF-4	GW129-023DF-4	GW136-016DF-4	GW138-023DF-4	GW139-023DF-4	GW261-023DF-4	GW295-023DF-4
ISO Grit	141	141	141	141	141	141	141
Head Dia	040	023	016	023	023	023	023
L mm	13	8	8	8	8	11.5	15
Color Band							
Max Speed	30K	40K	40K	40K	40K	40K	40K
Brasseler Number	H79DF.11.040	H129DF.11.023	H136DF.11.016	H138DF.11.023	H139DF.11.023	H261DF.11.023	H295DF.11.02
Edenta Number	-	-	-	-	-	-	-

UM SERIES™
Precious Metal Castings - TRIM, CONTOUR AND FINISH
Chrome Cobalt - ADJUST AND FINISH
Non-Precious Metal Casting - TRIM, CONTOUR AND FINISH
Partial Denture Framework- TRIM AND CONTOUR
Cross Cut

Shank ISO Shape	277	237	200	141	198	289	275	273	275	200
SSW Item Number	GW73-014UM-4	GW77-023UM-4	GW79-040UM-4	GW129-023UM-4	GW138-023UM-4	GW139-023UM-4	GW250-040UM-4	GW251-040UM-4	GW251-060UM-4	GW351-060UM-4
ISO Grit	145	145	145	145	145	145	145	145	145	145
Head Dia	014	023	040	023	023	023	040	040	060	060
Head Length mm	2.9	5.5	13	8	8	8	13	9	14	13
Color Band										
Max Speed	40K	40K	30K	40K	40K	40K	30K	30K	20K	20K
Brasseler Number	H73UM.11.014	H77UM.11.023	H79UM.11.040	H129UM.11.023	H138UM.11.023	H139UM.11.023	H250UM.11.040	H251UM.11.040	H251UM.11.060	H351UM.11.060
Edenta Number	-	-	-	-	-	-	-	-	-	-

UK SERIES™
Cross Cut

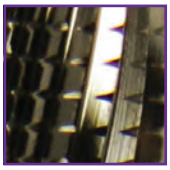
Ceramic Restorations - TRIM AND FINISH
Composite Restorations - TRIM AND FINISH
Acrylic Appliances - TRIM AND CONTOUR



Shank ISO Shape	198	289
SSW Item Number	GW138-023UK-4	GW139-023UK-4
ISO Grit	144	144
Head Dia	023	023
Head Length mm	8	8
Color Band		
Max Speed	40K	40K
Brasseler Number	H138UK.11.023	H139UK.11.023
Edenta Number	-	-

Q SERIES™
Cross Cut

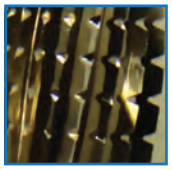
Acrylic - ADJUST AND CONTOUR
Titanium - LIGHT TRIMMING
Plaster - TRIM



Shank ISO Shape	200	275	200	272
SSW Item Number	GW79-040Q-4	GW251-060Q-4	GW351-060Q-4	GW390-016Q-4
ISO Grit	176	176	176	176
Head Dia	040	060	060	016
Head Length mm	13	14	13	3.5
Color Band				
Max Speed	30K	20K	20K	40K
Brasseler Number	H79Q.11.040	H251Q.11.060	H351Q.11.060	H390Q.11.016
Edenta Number	-	-	-	-

GSQ SERIES™
Cross Cut

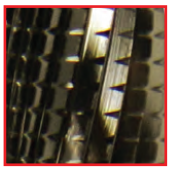
Soft Acrylic or Silicone Denture Reline - TRIM
Non-Precious Alloy - BULK REDUCTION



Shank ISO Shape	200	201	275	199	200	200
SSW Item Number	GW79-040GSQ-4	GW79-070GSQ-4	GW251-060GSQ-4	GW261-023GSQ-4	GW351-060GSQ-4	GW351-070GSQ-4
ISO Grit	172	172	172	172	172	172
Head Dia	040	070	060	023	060	070
Head Length mm	13	14	14	11.5	13	13
Color Band						
Max Speed	30K	20K	20K	40K	20K	20K
Brasseler Number	H79GSQ.11.040	H79GSQ.11.070	H251GSQ.11.060	H261GSQ.11.023	H351GSQ.11.060	-
Edenta Number	-	-	7275.060HP	0175.023HP	5275.060HP	6075.070HP
Dedeco Number	-	-	G251GSQ-060	G261GSQ-023	-	-

FSQ SERIES™
Cross Cut

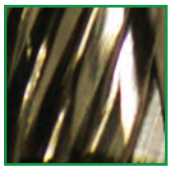
Titanium Implant Abutments - TRIM AND CONTOUR
Soft Acrylic Denture Reline - TRIM
Acrylic Appliances - TRIM



Shank ISO Shape	200	201	141	289	275
SSW Item Number	GW79-040FSQ-4	GW79-070FSQ-4	GW129-023FSQ-4	GW139-023FSQ-4	GW251-060FSQ-4
ISO Grit	132	132	132	132	132
Head Dia	040	070	023	023	060
Head Length mm	13	14	8	8	14
Color Band					
Max Speed	30K	20K	40K	40K	20K
Brasseler Number	H79FSQ.11.040	H79FSQ.11.070	H129FSQ.11.023	H139FSQ.11.023	H251FSQ.11.060
Edenta Number	6927.040HP	-	1727.023HP	0827.023HP	7227.060HP

G SERIES™ Plaster and Stone - TRIM Acrylic - TRIM

Spiral Fluted



Shank ISO Shape	143	143	237	257	200	200	201	201	275	200
SSW Item Number	GW72-060G-4	GW72-070G-4	GW77-060G-4	GW78-060G-4	GW79-045G-4	GW79-050G-4	GW79-060G-4	GW79-070G-4	GW251-060G-4	GW351-060G-4
ISO Grit	215	215	215	215	215	215	215	215	215	215
Head Dia	060	070	060	060	045	050	060	070	060	060
Head Length mm	13	13	11	12	13	13	14	14	14	13
Color Band										
Max Speed	20K	20K	20K	20K	30K	30K	20K	20K	20K	20K
Brasseler Number	H726.11.060	H726.11.070	H776.11.060	-	-	H796.11.050	-	H796.11.070	-	H3516.11.060
Edenta Number	5880.060HP	-	-	5380.060HP	5680.045HP	-	5580.060HP	-	5480.060HP	5280.060HP

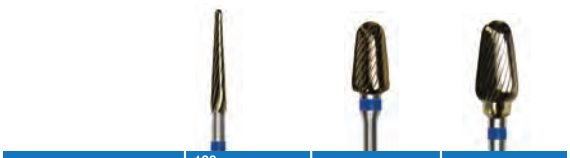
M SERIES™ Plaster & Stone - TRIM Acrylic - BULK REDUCTION

Spiral Fluted

Shank ISO Shape	200
SSW Item Number	GW351-070G-4
ISO Grit	215
Head Dia	070
Head Length mm	13
Color Band	
Max Speed	20K
Brasseler Number	H351G.11.070
Edenta Number	-

Shank ISO Shape	001	001	001	143	277	237	257	257
SSW Item Number	GW71-016M-4	GW71-040M-4	GW71-050M-4	GW72-060M-4	GW73-060M-4	GW77-060M-4	GW78-023M-4	GW78-060M-4
ISO Grit	175	175	175	175	175	175	175	175
Head Dia	016	040	050	060	060	060	023	060
Head Length mm	1.4	3.5	4.5	13	10	11	6	12
Color Band								
Max Speed	40K	30K	30K	20K	20K	20K	40K	20K
Brasseler Number	H71.11.016	H71.11.040	H71.11.050	H72.11.060	H73.11.060	H77.11.060	H78.11.023	H78.11.060
Edenta Number	-	7170.040HP	7170.050HP	5870.060HP	6370.060HP	5170.060HP		5370.060HP

Shank ISO Shape	199	200	200	200	201	201	275	275	187	201
SSW Item Number	GW79-031M-4	GW79-040M-4	GW79-045M-4	GW79-050M-4	GW79-060M-4	GW79-070M-4	GW251-060M-4	GW251-070M-4	GW257-023M-4	GW257-060RM-4
ISO Grit	175	175	175	175	175	175	175	175	175	175
Head Dia	031	040	045	050	060	070	060	070	023	060
Head Length mm	11.5	13	13	13	14	14	14	14	15	14
Color Band										
Max Speed	30K	30K	30K	30K	20K	20K	20K	20K	40K	20K
Brasseler Number	-	H79.11.040	-	H79.11.050	-	H79.11.070	251.11.060	H251.11.070	H257.11.023	H257R.11.060
Edenta Number	6470.031HP	5770.040HP	5670.045HP	-	5570.060HP	-	5470.060HP	-	-	5970.060HP



Shank ISO Shape	199	200	200
SSW Item Number	GW261-023M-4	GW351-060M-4	GW351-070M-4
ISO Grit	175	175	175
Head Dia	023	060	070
Head Length mm	11.5	13	13
Color Band			
Max Speed	40K	20K	20K
Brasseler Number	H261.11.023	H351.11.060	H351.11.070
Edenta Number	-	5270.060HP	-

HP CARBIDE BURS

Increase your production with SS White® industry leading strength, cutting rate and concentricity.

CARBIDE BURS

ROUND

	1/4	1/2	1	2	3	4	5	6	7	8	10
HP 5 PACK	310045	310046	310047	310048	310049	310050	310051	310052	310053	310054	310055

STRAIGHT/FLAT END PLAIN

	57	59
HP 5 PACK	310064	310065

STRAIGHT/FLAT END CROSS CUT

	557	558	559	560	562	563	558L
HP 5 PACK	310066	310067	310068	310071	310069	310070	310084

STRAIGHT/ROUND END CROSSCUT FISSURE

	1556	1557	1558
HP 5 PACK	310080	310081	310082
HP BULK 50			300007

INVERTED CONE

	33 1/2	34	35	36	37	37L	38	39
HP 5 PACK	310057	310058	310059	310060	310061	310083	310062	310063

TAPER/ FLAT END CROSS CUT

	699	700	701	702	703	701L	702L	703L
HP 5 PACK	310072	310073	310074	310075	310077	310085	310076	310078

TAPER/ ROUND END CROSS CUT

	1702	1702L	1703	1703L
HP 5 PACK	310088	310089	310086	310087

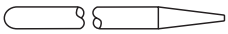
END CUT

	957
HP 5 PACK	310079

EXPRESS LINE™ DIAMOND DISCS

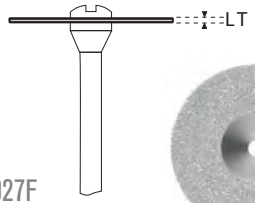
Express Line™ diamond discs increase efficiency when separating crowns and bridges, contouring composite and ceramic or cutting ceramic due to the high diamond particle density which creates a faster and more precise cutting instrument that also lasts up to 30% longer than competitor discs.
Uniform spacing between the diamond particles ensure immediate removal of debris and less clogging

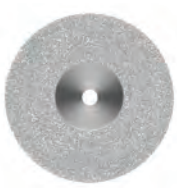
- Sold in packs of 1 ea.

Standard Straight Handpiece
.0925" 
.118" 

Usage: Recommended maximum speed 20,000 RPMS

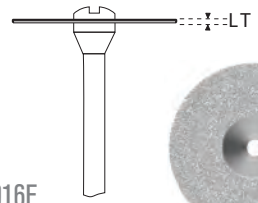
FLEX Mounted Diamond Discs

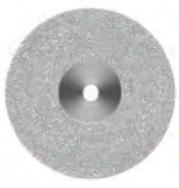





927F
Double Sided

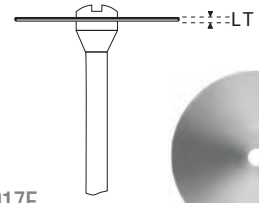
Order #	927F200M	927F220M
Head Size (1/10mm)	200	220
Thickness (mm)	0.24	0.24
Grit	Fine	Fine






916F
Single/Top Sided

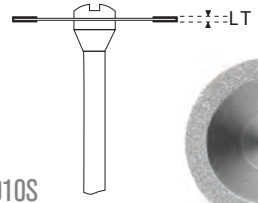
Order #	916F200M	916F220M
Head Size (1/10mm)	200	220
Thickness (mm)	0.17	0.17
Grit	Fine	Fine

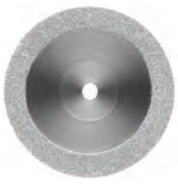
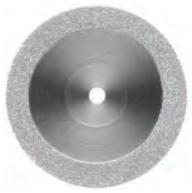



917F
Single/Bottom Sided

Order #	917F200M	917F220M
Head Size (1/10mm)	200	220
Thickness (mm)	0.17	0.17
Grit	Fine	Fine

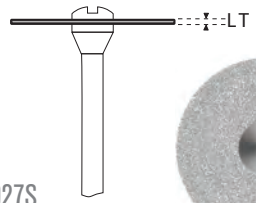
SUPERFLEX Mounted Diamond Discs



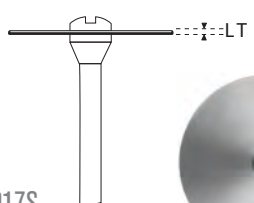
910S
Double Sided

Order #	910S200M	910S220M
Head Size (1/10mm)	200	220
Thickness (mm)	0.19	0.19
Grit	Very Fine	Very Fine



927S
Double Sided

Order #	927S22M
Head Size (1/10mm)	220
Thickness (mm)	0.19
Grit	Very Fine



917S
Single/Bottom Sided

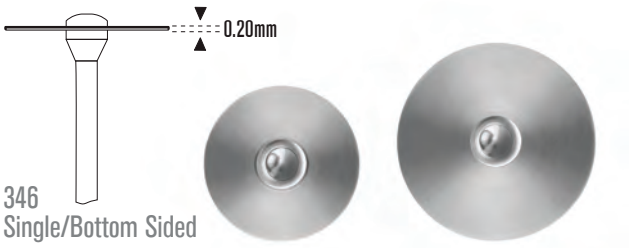
Order #	917S220M
Head Size (1/10mm)	220
Thickness (mm)	0.12
Grit	Very Fine

EXPRESS LINE-H™ DIAMOND DISCS NEW PRODUCT

FLEX Mounted Diamond Discs

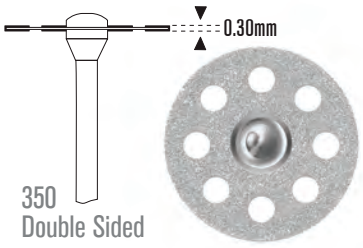
345
Double Sided

Order #	SW345-160M	SW345-190M	SW345-220M	SW345-240M
Head Size (1/10mm)	160	190	220	240
Thickness (mm)	0.30	0.30	0.30	0.30
Grit	Medium	Medium	Medium	Medium



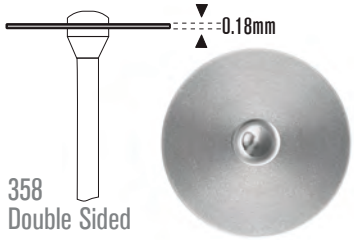
346
Single/Bottom Sided

Order #	SW346-190M	SW346-220M
Head Size (1/10mm)	190	220
Thickness (mm)	0.20	0.20
Grit	Medium	Medium



350
Double Sided

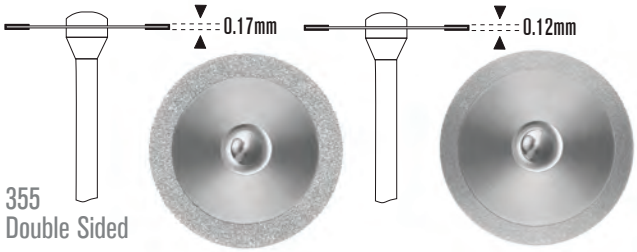
Order #	SW350-220M
Head Size (1/10mm)	220
Thickness (mm)	0.30
Grit	Medium



358
Double Sided

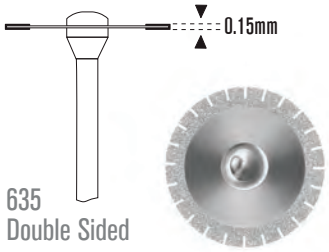
Order #	SW358-220XF
Head Size (1/10mm)	220
Thickness (mm)	0.18
Grit	Extra Fine

SUPERFLEX Mounted Diamond Discs



355
Double Sided

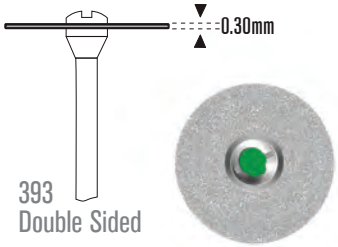
Order #	SW355-220F	SW355-220XF
Head Size (1/10mm)	220	220
Thickness (mm)	0.17	0.12
Grit	Fine	Extra Fine



635
Double Sided

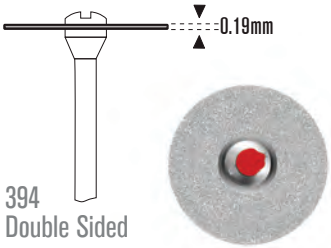
Order #	SW635-190XF
Head Size (1/10mm)	190
Thickness (mm)	0.15
Grit	Extra Fine

SINTERED Mounted Diamond Discs



393
Double Sided

Order #	SW393S-190M
Head Size (1/10mm)	190
Thickness (mm)	0.3
Grit	Medium



394
Double Sided

Order #	SW394S-190F
Head Size (1/10mm)	190
Thickness (mm)	0.19
Grit	Fine

Express Line-H™ Diamond Disks Precision Driven Flexibility Designed to Meet Your Separating and Contouring Requirements

HP (Hand Piece)

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

Usage:

Recommended maximum speed 20,000 RPMS

- Sold in packs of 1 ea.

Experience increased efficiency when separating crowns and bridges, contouring composite and ceramic or cutting ceramic due to the high diamond particle density with Express Line-H™ Diamond Disks.

The Express Line-H™ discs are multi-coated and are ideal for all saw cutting while working in the laboratory - whether separating, contouring or even grinding ceramics. Each Express Line-H™ Diamond Disc features a versatile FLEX, SUPERFLEX or SINTERED stainless diamond disc with thickness between 0.12mm and 0.3 mm.

All discs are available in different grits, perforations and cuts, thus allowing you to work with the best possible view.

EXPRESS LINE™
LAB METAL FINISHING BURS

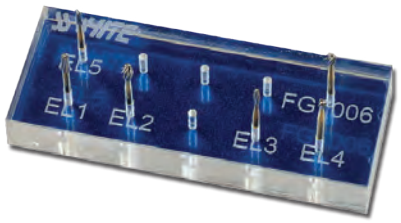
Express Line™ Lab Metal Finishing Bur's unique blade geometry cuts easily through metal reducing excessive heat generation and hand strain, resulting in less vibration and requiring only a soft touch when cutting:

- Reduced hand fatigue and increased productivity
- Designed to decrease metal finishing time substantially
- Ideal for shaping and gross reduction
- Sold in packs of 10 ea.

FG (25mm)	EL-1	EL-2	EL-3	EL-4	EL-5
	16101	16102	16103	16104	16105

EXPRESS LINE™
Lab Metal Finishing Bur Kit
#16100

Kit Contains: One each of the following Express Line Lab Metal Finishing Burs EL1, EL2, EL 3, EL4, EL5, FG7006



EXPRESS LINE™
LAB DIAMONDS - STRAIGHT HANDIPIECE INSTRUMENTS

- High diamond density- excellent service life
- Ideal for shaping and gross reduction
- Works on PFM, chrome & ceramic materials
- HP Diamonds on 44.5mm shanks
- Sold in packs of 5 ea.

ROUND

Item #	801-020	801-030
	16200	16201

INVERTED CONE

Item #	805-020	805-030	805-040	806-030
	16202	16203	16204	16205

CONE FLAT END

Item #	845-020	848-030	854-040
	16206	16207	16208

CONE ROUND END

Item #	854R-040	859-030
	16209	16210

FLAME

Item #	863-030
	16211

EXPRESS LINE™

Diamond Trimming Wheels

(Fits most Ray Foster, Renfert & Whip Mix Model Trimmers)

Package Size: 1 Pack

Provides smoother finish than comparable coarse wheels!

AVAILABLE IN 10" AND 12" SIZES

- High efficiency cutting increases production
- Designed to last significantly longer than conventional wheels
- Uniform spacing between the diamond aggregates helps ensure immediate removal of debris and less clogging
- Can be used on all gypsum and investment materials of any hardness

Diameter	Hole Diameter	Thickness	Grit	Drive Pin Hole	Item #
10"	1"	6.0 mm	SUPER COARSE	No	16198
10"	1"	6.0 mm	SUPER COARSE	Yes	16196
12"	1"	6.0 mm	SUPER COARSE	No	16199
12"	1"	6.0 mm	SUPER COARSE	Yes	16197

FOR PORCELAIN & METAL

JAZZ® POLISHERS
LAB GRINDERS
ZIRCONIA - PORCELAIN - METAL

NEW PRODUCT

- Ceramic bonded grinder with diamond grit for more efficiency and durability.
- Maintains shape during application.
- Heat resistant.

Lab Grinder (PM2S)
Porcelain and Metal
2 Step Grinder
Large Disc
Grit: Coarse
Diameter: 22 mm
Thickness: 4.5 mm
Item #89133
1 PK HP Shank

Lab Grinder (PM2S)
Porcelain and Metal
2 Step Grinder
Taper Cylinder
Grit: Coarse
Head Length: 12.5 mm
Total Length: 49.5 mm
Diameter: 4.2 mm
Item #89134
3 PK HP Shank

Lab Grinder (PM2S)
Porcelain and Metal
2 Step Grinder
Straight Cylinder
Grit: Coarse
Head Length: 13 mm
Total Length: 49 mm
Diameter: 5.3 mm
Item #89135
3 PK HP Shank

Lab Grinder (PM2S)
Porcelain and Metal
2 Step Grinder
Small Disc
Grit: Coarse
Total Length: 47.2 mm
Diameter: 17 mm
Thickness: 3.5 mm
Item #89136
1 PK HP Shank

Lab Grinder (PM2S)
Porcelain and Metal
2 Step Grinder
Large Disc
Grit: Medium
Diameter: 22 mm
Thickness: 4.5 mm
Item #89137
1 PK HP Shank

Lab Grinder (PM2S)
Porcelain and Metal
2 Step Grinder
Medium Taper Cylinder
Grit: Medium
Head Length: 12.5 mm
Total Length: 49.5 mm
Diameter: 4.2 mm
Item #89138
3 PK HP Shank

Lab Grinder (PM2S)
Porcelain and Metal
2 Step Grinder
Straight Cylinder
Grit: Medium
Head Length: 13 mm
Total Length: 49 mm
Diameter: 5.3 mm
Item #89139
3 PK HP Shank

Lab Grinder (PM2S)
Porcelain and Metal
2 Step Grinder
Small Disc
Grit: Medium
Total Length: 47.2 mm
Diameter: 17 mm
Thickness: 3.5 mm
Item #89140
1 PK HP Shank

FOR ZIRCONIA & LITHIUM DISILICATE - POLISHING

JAZZ® POLISHERS
LAB POLISHERS
ZIRCONIA & LITHIUM DISILICATE

NEW PRODUCT

- Specially designed polisher for full contour zirconia restorations.
- Produces glossy surfaces with high diamond concentration for more efficiency.
- Eliminates the need for glazing.

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Large Disc
Grit: Coarse
Diameter: 26 mm
Thickness: 2.2 mm
Item #89141
1 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Flame
Grit: Coarse
Head Length: 13 mm
Total Length: 48 mm
Diameter: 4.5 mm
Item #89142
3 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Wheel
Grit: Coarse
Total Length: 40.5 mm
Diameter: 11.5 mm
Thickness: 2 mm
Item #89143
3 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Wheel
Grit: Coarse
Diameter: 17 mm
Thickness: 2.8 mm
Item #89144
Unmounted 1 PK

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Large Disc
Grit: Medium
Diameter: 26 mm
Thickness: 2.2 mm
Item #89145
1 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Flame
Grit: Medium
Head Length: 13 mm
Total Length: 48 mm
Diameter: 4.5 mm
Item #89146
3 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Wheel
Grit: Medium
Total Length: 40.5 mm
Diameter: 11.5 mm
Thickness: 2 mm
Item #89147
3 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Wheel
Grit: Medium
Diameter: 17 mm
Thickness: 2.8 mm
Item #89148
Unmounted 1 PK

Jazz® Lab Zirconia Polishing Kit

NEW PRODUCT

Kit Contents:
(1) Jazz® Lab Polisher 89136
(1) Jazz® Lab Polisher 89140
(1) Jazz® Lab Polisher 89142
(1) Jazz® Lab Polisher 89143
(1) Jazz® Lab Polisher 89146
(1) Jazz® Lab Polisher 89147
(1) Jazz® Lab Polisher 89150
(1) Jazz® Lab Polisher 89151

The SS White® Lab Zirconia Polishing Kit has been developed to create the final luster for use on layered and monolithic zirconium oxide restorations. One of the keys to adjusting and polishing these materials is to perform the tasks quickly and without creating excessive heat. **Kit Reorder No.16405**

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Large Disc
Grit: Fine
Diameter: 26 mm
Thickness: 2.2 mm
Item #89149
1 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Flame
Grit: Fine
Head Length: 13 mm
Total Length: 48 mm
Diameter: 4.5 mm
Item #89150
3 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Wheel
Grit: Fine
Total Length: 40.5 mm
Diameter: 11.5 mm
Thickness: 2 mm
Item #89151
3 PK HP Shank

Lab Polisher (ZL3S)
Zirconia/Lithium Disilicate
3 Step Polisher
Wheel
Grit: Fine
Diameter: 17 mm
Thickness: 2.8 mm
Item #89152
Unmounted 1 PK

FOR PORCELAIN POLISHING

JAZZ® POLISHERS
LAB POLISHERS
PORCELAIN POLISHING SYSTEM

NEW PRODUCT

- Flexible polishing discs for all porcelain materials.
- Diamond grit for highest efficiency.
- Surface corrections without additional glazing.

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Large Disc
Grit: Coarse
Diameter: 22 mm
Thickness: 4.5 mm
Item #89153
1 PK HP Shank

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Wheel
Grit: Coarse
Diameter: 17 mm
Thickness: 2.8 mm
Unmounted 1 PK
Item #89154

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Flame
Grit: Coarse
Head Length: 13 mm
Total Length: 48 mm
Diameter: 4.5 mm
Item #89155
3 PK HP Shank

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Small Wheel
Grit: Coarse
Total Length: 40.5 mm
Diameter: 11.5 mm
Thickness: 2 mm
Item #89156
1 PK HP Shank

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Large Disc
Grit: Medium
Diameter: 22 mm
Thickness: 4.5 mm
Item #89157
1 PK HP Shank

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Wheel
Grit: Medium
Diameter: 17 mm
Thickness: 2.8 mm
Item #89158
Unmounted 1 PK

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Flame
Grit: Medium
Head Length: 13 mm
Total Length: 48 mm
Diameter: 4.5 mm
Item #89159
3 PK HP Shank

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Small Wheel
Grit: Medium
Total Length: 40.5 mm
Diameter: 11.5 mm
Thickness: 2 mm
Item #89160
1 PK HP Shank

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Large Disc
Grit: Fine
Diameter: 22 mm
Thickness: 4.5 mm
Item #89161
1 PK HP Shank

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Wheel
Grit: Fine
Diameter: 17 mm
Thickness: 2.8 mm
Item #89162
Unmounted 1 PK

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Flame
Grit: Fine
Head Length: 13 mm
Total Length: 48 mm
Diameter: 4.5 mm
Item #89163
3 PK HP Shank

Lab Polisher (P3S)
Porcelain 3 Step Polisher
Small Wheel
Grit: Fine
Total Length: 40.5 mm
Diameter: 11.5 mm
Thickness: 2 mm
Item #89164
1 PK HP Shank

Precision Mandrel

Dimensions: 303-050 screw top mandrel with 5mm head size
Total Length: 45.7 mm
Item #89168
5 PK HP Shank

FOR DENTURE & ORTHO ACRYLICS

JAZZ® POLISHERS
DENTURE POLISHER
DENTURE & ORTHO ACRYLICS POLISHING SYSTEM

NEW PRODUCT

Chairside denture adjustments and polishing.

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

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

6 PK

Denture Polisher (A3S)
Acrylic 3 Step Polisher
Large Flame
Grit: Coarse
Head Length: 24 mm
Total Length: 56.5 mm
Diameter: 10.5 mm
Item #89165
6 PK HP Shank

Denture Polisher (A3S)
Acrylic 3 Step Polisher
Large Flame
Grit: Medium
Head Length: 24 mm
Total Length: 56.5 mm
Diameter: 10.5 mm
Item #89166
6 PK HP Shank

Denture Polisher (A3S)
Acrylic 3 Step Polisher
Large Flame
Grit: Fine
Head Length: 24 mm
Total Length: 56.5 mm
Diameter: 10.5 mm
Item #89167
6 PK HP Shank

PRE-SINTERED ZIRCONIA POLISHERS

JAZZ® POLISHERS
LAB POLISHERS
ZIRCONIA

NEW PRODUCT

- Ideal use for pre-sintered (unsintered) Zirconia.
- Contouring 2-in-1 abrasive/polisher
- Quick reduction to final smooth finishing
- Accomplish great result in no time.

Lab Polisher (GS2S)
Grit: Medium / Ultra Fine
Shape: Contour Maxi
Total Length: 22.7mm
Diameter: 10mm
Item #89180
3 PK - HP Shank

Lab Polisher (GS2S)
Grit: Medium / Ultra Fine
Shape: Contour Mini
Total Length: 19mm
Diameter: 7mm
Item #89181
3 PK - HP Shank

Lab Polisher (GS1S)
Grit: Medium
Shape: Contour Bullet
Total Length: 13mm
Diameter: 7mm
Item #89182
5 PK - HP Shank

Lab Polisher (GS1S)
Grit: Medium
Shape: Contour Point
Total Length: 13mm
Diameter: 5.6mm
Item #89183
5 PK - HP Shank

Lab Polisher (GS1S)
Grit: Medium
Shape: Contour Knife Edge
Total Length: 5mm
Diameter: 0.3mm
Item #89184
4 PK - HP Shank

Lab Polisher (GS1S)
Grit: Ultra Fine
Shape: White Contour Maxi
Total Length: 22.7mm
Diameter: 10mm
Item #89185
3 PK - HP Shank

Lab Polisher (GS1S)
Grit: Ultra Fine
Shape: White Contour Mini
Total Length: 19mm
Diameter: 7mm
Item #89186
3 PK - HP Shank

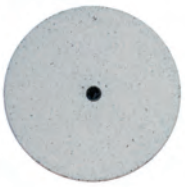
Lab Polisher (GS1S)
Grit: Medium
Shape: Contour Maxi
Total Length: 22.7mm
Diameter: 10mm
Item #89187
3 PK - HP Shank

After preliminary sprue/connector reduction is completed, make final adjustments with the GS2S Contour 2-Step Instrument . Use with loupes or under a microscope at the very last adjustment point.

Step One: The larger gray segment of this unique instrument quickly reduces the larger final mass (1-2mm) of the connector with minimal risk of damage to the green state zirconia

Step Two : The ultra-fine white tip then gently removes and smooths the final portion of excess material remaining at the connector/restoration junction

Make additional anatomical adjustments using any of our Express Line diamonds or other GS contour instruments.



Lab Polisher (GS1S)
Grit: Coarse
Shape: Large Wheel
Total Length: 3.2mm
Diameter: 22mm
Item #89188
5 PK - HP Shank

Increase Production While Reducing Material Cost with Performance Enhanced Milling Burs.

Manufactured for use in the Roland, Wieland and Amann Girrbach dental mills, SS White® milling burs offer greater durability and efficiency foruse in zirconia, PMMA and wax versus competitors burs. Precision milling minimizing remakes. Longer service life reduces milling costs.

DURADI™ DIAMOND COATED CAD/CAM CARBIDES | LAZER SHARP™ UNCOATED CAD/CAM CARBIDES

- Proprietary diamond coating produces a longer lasting milling bur which reduces cost per use
- Reduces remakes by lowering excessive heat and cutting force
- Enhanced blade design creates a sharper cutting instrument and produces a superior surface finish
- Efficient chip removal and polished blades provide bur-free, clean milling results
- Sold in packs of 1 ea.

FOR USE WITH ROLAND MILLING MACHINES

DURADI™ DIAMOND COATED CAD/CAM CARBIDES

SSWROL-034050-20-02
Head Diameter: .3mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia, Composite

SSWROL-064050-20-02
Head Diameter: .6mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia, Composite

SSWROL-084050-20-02
Head Diameter: .8mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia, Composite

SSWROL-104050-20-02
Head Diameter: 1mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia, Composite

SSWROL-204050-20-02
Head Diameter: 2mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia, Composite

LAZER SHARP™ UNCOATED CAD/CAM CARBIDES

SSWROL-034050-20-01
Head Diameter: .3mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia

SSWROL-064050-20-01
Head Diameter: .6mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia

SSWROL-084050-20-01
Head Diameter: .8mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia

SSWROL-104050-20-01
Head Diameter: 1mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia

SSWROL-204050-20-01
Head Diameter: 2mm
Shank Diameter: 4mm
Overall Length: 50mm
Cutter Design: 2 Flute Ball End
Milling Machines:
DWX-4, DWX-50, 51D, 52DC
Material Use:
PMMA, Wax, Zirconia

FOR USE WITH WIELAND MILLING MACHINES

DURADI™ DIAMOND COATED CAD/CAM CARBIDES

SSWWIE-073040-20-02
Cutter Diameter: 0.7mm
Shank Diameter: 3mm
Overall Length: 40mm
Cutter Design: 2 Flute Ball End
System: Select
Material Use:
PMMA, Wax, Zirconia, Composite

SSWWIE-103040-20-02
Cutter Diameter: 1mm
Shank Diameter: 3mm
Overall Length: 40mm
Cutter Design: 2 Flute Ball End
System: Select
Material Use
PMMA, Wax, Zirconia, Composite

SSWWIE-253040-20-02
Cutter Diameter: 2.5mm
Shank Diameter: 3mm
Overall Length: 40mm
Cutter Design: 2 Flute Ball End
System: Select
Material Use:
PMMA, Wax, Zirconia, Composite

LAZER SHARP™ UNCOATED CAD/CAM CARBIDES

SSWWIE-033035-20-01
Cutter Diameter: 0.3mm
Shank Diameter: 3mm
Overall Length: 35mm
Cutter Design: 2 Flute Ball End
System: Mini
Material Use:
PMMA, Wax, Zirconia

SSWWIE-073035-20-01
Cutter Diameter: 0.7mm
Shank Diameter: 3mm
Overall Length: 35mm
Cutter Design: 2 Flute Ball End
System: Mini
Material Use:
PMMA, Wax, Zirconia, Composite

LAZER SHARP™ UNCOATED CAD/CAM CARBIDES

SSWWIE-073040-20-01
Cutter Diameter: 0.7mm
Shank Diameter: 3mm
Overall Length: 40mm
Cutter Design: 2 Flute Ball End
System: Select
Material Use:
PMMA, Wax, Zirconia, Composite

SSWWIE-103040-20-01
Cutter Diameter: 1mm
Shank Diameter: 3mm
Overall Length: 40mm
Cutter Design: 2 Flute Ball End
System: Select
Material Use:
PMMA, Wax, Zirconia, Composite

SSWWIE-253040-20-01
Cutter Diameter: 2.5mm
Shank Diameter: 3mm
Overall Length: 40mm
Cutter Design: 2 Flute Ball End
System: Select
Material Use:
PMMA, Wax, Zirconia, Composite

SSWWIE-103035-20-01
Cutter Diameter: 1mm
Shank Diameter: 3mm
Overall Length: 35mm
Cutter Design: 2 Flute Ball End
System: Mini
Material Use:
PMMA, Wax, Zirconia

SSWWIE-253035-20-01
Cutter Diameter: 2.5mm
Shank Diameter: 3mm
Overall Length: 35mm
Cutter Design: 2 Flute Ball End
System: Mini
Material Use:
PMMA, Wax, Zirconia, Composite

FOR USE WITH AMANN GIRRBACH MILLING MACHINES

DURADI™ DIAMOND COATED CAD/CAM CARBIDES

SSWAMG-063047-20-02
Cutter Diameter: .6mm
Shank Diameter: 3mm
Overall Length: 47mm
Cutter Design: 2 Flute Ball End
System: Motion 2 & Mikro
Material Use:
PMMA, Wax, Zirconia, Composite

SSWAMG-103047-20-02
Cutter Diameter: 1.0mm
Shank Diameter: 3mm
Overall Length: 47mm
Cutter Design: 2 Flute Ball End
System: Motion 2 & Mikro
Material Use:
PMMA, Wax, Zirconia, Composite

SSWAMG-253047-20-02
Cutter Diameter: 2.5mm
Shank Diameter: 3mm
Overall Length: 47mm
Cutter Design: 2 Flute Ball End
System: Motion 2 & Mikro
Material Use:
PMMA, Wax, Zirconia, Composite

"Fluid, smooth cutting with longevity. Add in the value vs the competition and I'd recommend these burs to my lab manager without question."

Brian Burkardt
Milling Supervisor
Drake Precision Dental Laboratory

LAZER SHARP™ UNCOATED CAD/CAM CARBIDES

SSWAMG-063047-20-01
Cutter Diameter: .6mm
Shank Diameter: 3mm
Overall Length: 47mm
Cutter Design: 2 Flute Ball End
System: Motion 2 & Mikro
Material Use:
PMMA, Wax, Zirconia

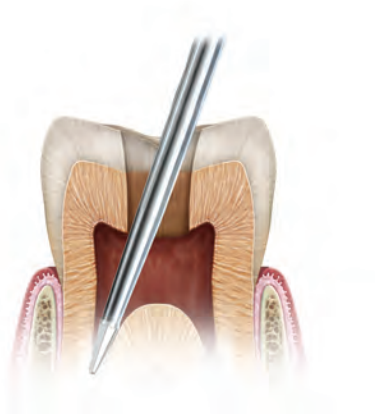
SSWAMG-103047-20-01
Cutter Diameter: 1.0mm
Shank Diameter: 3mm
Overall Length: 47mm
Cutter Design: 2 Flute Ball End
System: Motion 2 & Mikro
Material Use:
PMMA, Wax, Zirconia

SSWAMG-253047-20-01
Cutter Diameter: 2.5mm
Shank Diameter: 3mm
Overall Length: 47mm
Cutter Design: 2 Flute Ball End
System: Motion 2 & Mikro
Material Use:
PMMA, Wax, Zirconia

Gain Access to Calcified & Hidden Canals with Greater Precision.

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

Instructions for use and reference guide located in technical reference section of catalog.



ENDOGUIDE®
PRECISION MICRO ENDODONTIC BURS

	SLFG 27 mm EG1A # 35758 5 PK
Head Length (mm)	2.5
Tip Diameter (mm)	0.33
Back Diameter (mm)	1.07
	Initial access in non-restored anterior and bicuspid teeth

	SLRA 27 mm EG1 # 35759 5 PK
Head Length (mm)	3.5
Tip Diameter (mm)	0.28
Back Diameter (mm)	0.71
	Deep troughing; deeper orifice enlargement; calcified canals

	SLRA 27 mm EG2 # 35760 5 PK
Head Length (mm)	2.5
Tip Diameter (mm)	0.33
Back Diameter (mm)	1.07
	De-roofing pulp chamber; deep orifice enlargement; calcified canals

	SLFG 27 mm EG3 # 35761 5 PK
Head Length (mm)	1.5
Tip Diameter (mm)	0.28
Back Diameter (mm)	0.71
	Initial access for small incisors; troughing and navigating calcified canals

	SLFG 29 mm EG4 # 35762 5 PK
Head Length (mm)	3.5
Tip Diameter (mm)	0.28
Back Diameter (mm)	0.71
	Deep troughing; navigating super ovoid; calcified canals

	XLRA 39 mm EG5 # 35763 5 PK
Head Length (mm)	1.5
Tip Diameter (mm)	0.28
Back Diameter (mm)	0.71
	Deep troughing; retrieving separated instruments; navigating super ovoid; calcified canals

	XLRA 34 mm EG6 # 35764 5 PK
Head Length (mm)	2.5
Tip Diameter (mm)	0.28
Back Diameter (mm)	0.71
	Deep troughing; retrieving separated instruments; navigating super ovoid; calcified canals

	XLRA 34 mm EG7 # 35765 5 PK
Head Length (mm)	1.5
Tip Diameter (mm)	0.33
Back Diameter (mm)	1.07
	Deep troughing; retrieving separated instruments; navigating super ovoid; calcified canals

EndoGuide® Molar Kit
#18051

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

EndoGuide® Anterior/Bicuspid Kit
#18052

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

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

For Endodontic Access Lateral Extension

The Endo Safe End Instruments are available in 3 sizes (1.4mm, 1.6mm and 1.8mm).
Designed for lateral endodontic access enlargement without the risk of penetrating the pulp chamber floor.
The safe end tip protects the pulpal floor from possible perforation, yet still allows for refinement of the axial walls.

ENDO SAFE END
ENDODONTIC ACCESS BURS

ESE-014
ITEM # 350112
10 PK

Head Length (mm) 9.0
Max Head Diameter (mm) 1.4
Tip (mm) 0.5
LOA (Overall Length mm) 24.0

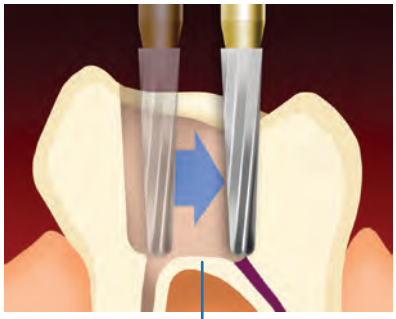
ESE-016
ITEM # 350185
10 PK

Head Length (mm) 9.0
Max Head Diameter (mm) 1.6
Tip (mm) 1.0
LOA (Overall Length mm) 21.0

ESE-018
ITEM # 350113
10 PK

Head Length (mm) 9.0
Max Head Diameter (mm) 1.8
Tip (mm) 0.8
LOA (Overall Length mm) 24.0

Flare, Flatten and Refine Internal Axial Walls



FURCATION AREA

ENDO SAFE END
BUR

016 014 and 018

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

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

Product recommended: ESE-014, ESE-016 & ESE-018

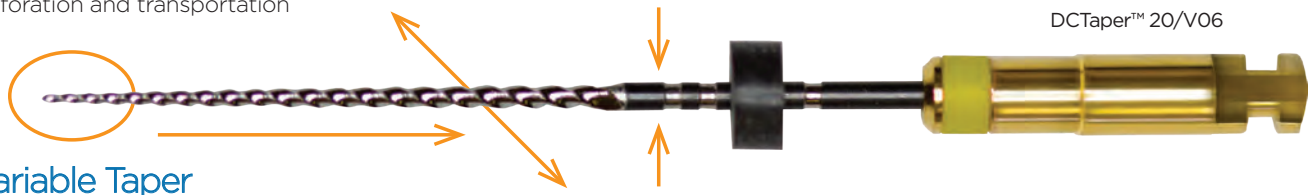
DCTaper™ Rotary NiTi File System (non-heat treated)

Influenced by nature, the anatomic file design follows the natural root shaping the canal while preserving pericervical dentin

Non-Cutting Tip
May safeguard against perforation and transportation

Variable Pitch
Variable helical angle and variable flute pitch

DCTAPER™
DENTIN CONSERVATION FILE SYSTEM
DCTaper™ 20/V06



Variable Taper
Preserve dentin throughout the peri-cervical area

Reduced Shaft
- Allows file to remain flexible, even in the most curved canals
- Allows for debris to move up and out of the canal while instrumenting reducing the need for hand files

DCTaper™ File's smaller shape minimize dentin removal

DCTaper™ instruments have a variable decreasing rate of taper going from tip to shaft

Flexibility Through Safe-Core Parabolic Design

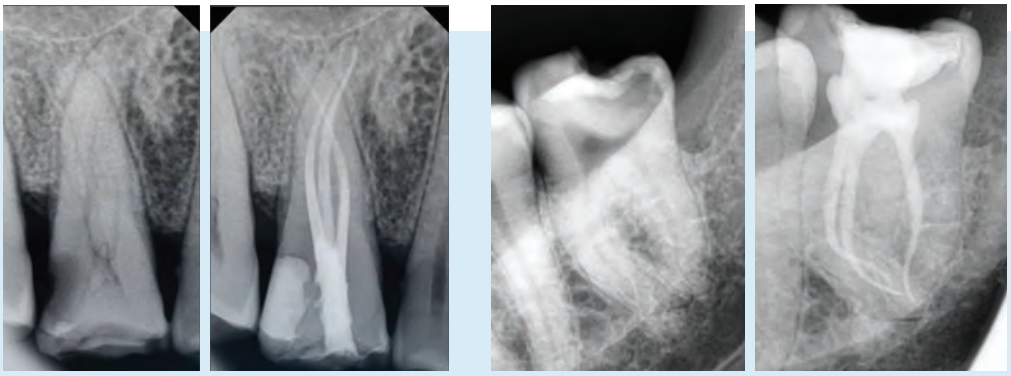
- High flexibility for successful navigation of even the most curved canals
- Strongest core design of any major competitor*

** Data on File*

		Size	21mm	25mm	Qty.	Recommended SS White Accessory Cones Gutta Percha Size	Pk. Size	Order #	Recommended SS White Paper Point Size	Pk.Size	Order #
Glide Path		13/V03	21317	21318	6-Pk.	-	-	-	-	-	-
		17/V04	21301	21309	6-Pk.	FF	-	#200002	-	-	-
2 File System		20/V06	21302	21310	6-Pk.	FF	100	#200002	F	200	#200014
		25/V08	21303	21311	6-Pk.	MF	100	#200003	F	200	#200014
Additional Sizes Available		30/V06	21304	21312	6-Pk.	MF	100	#200003	F	200	#200014
		35/V06	21305	21313	6-Pk.	25/04	60	#200022	25/04	100	#200033
		40/V06	21306	21314	6-Pk.	30/04	60	#200023	30/04	100	#200034
		45/V06	21307	21315	6-Pk.	35/04	60	#200024	35/04	100	#200035
		50/V06	21308	21316	6-Pk.	40/04	60	#200025	40/04	100	#200036

DCTAPER™ H
DENTIN CONSERVATION FILE SYSTEM

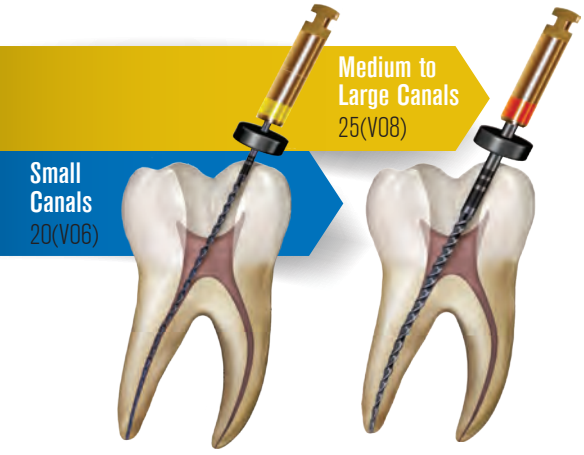
Often Imitated NEVER Duplicated



Courtesy: Dr. Eugen Buga

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

**Independent research on file.*



DCTAPER™ H
DENTIN CONSERVATION FILE SYSTEM

Designed for safe and efficient shaping

- Deep apical shaping may create better access for irrigation and cleaning, and 3D obturation
- Variable taper design creates conservative coronal shape
- 1-2 files per case, to lower –your cost per procedure with one file
- Strongest tested NiTi file system on the market*

Heat Treated for Increased Flexibility and Strength

STERILE R AVAILABLE IN STERILE 6 PACKS

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

- Dr. John Khademi, Endodontist, Durango, Colorado

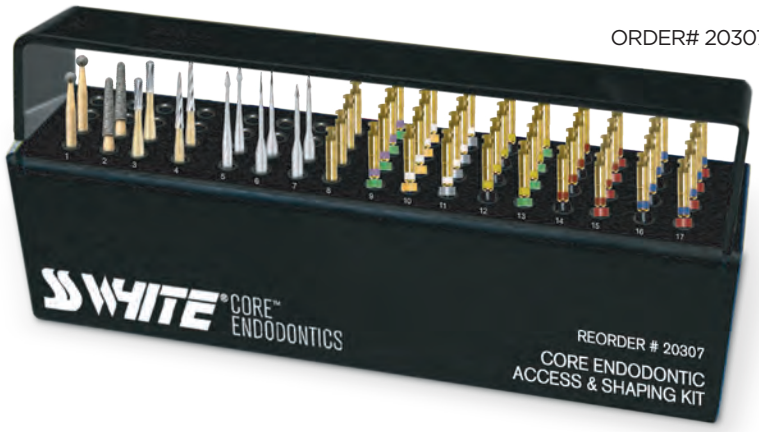
SS White® Endodontic Access & Shaping Kit

Features the

DCTAPER™ H
DENTIN CONSERVATION FILE SYSTEM

The new SS White® Endodontic Kit includes the ideal combination of instruments necessary completion of endodontic access, shaping & finishing.

ORDER# 20307



INITIAL ACCESS

GWZ 801-018M	GWZ 856-018M	GW2
GWZ 801-018M	GWZ 856-018M	GW2

RC ACCESS

ESE-016	EG1A	EG1	EG2
ESE-016	EG1A	EG1	EG2

GLIDEPATH

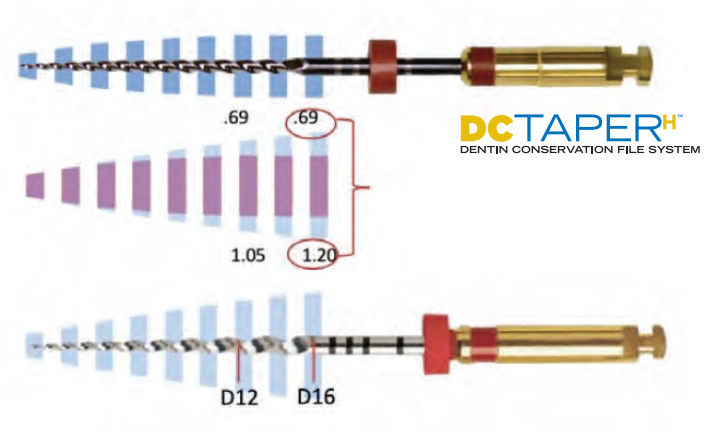
25.09.17	13.03.25	14.03.25	17.04.25
25.09.17	13.03.25	14.03.25	17.04.25
25.09.17	13.03.21	14.03.21	17.04.21
25.09.17	13.03.21	14.03.21	17.04.21

SHAPING

20.06.25	22.07.25	25.06.25	25.08.25	30.06.25	30.08.25
20.06.25	22.07.25	25.06.25	25.08.25	30.06.25	30.08.25
20.06.21	22.07.21	25.06.21	25.08.21	30.06.21	30.08.21
20.06.21	22.07.21	25.06.21	25.08.21	30.06.21	30.08.21

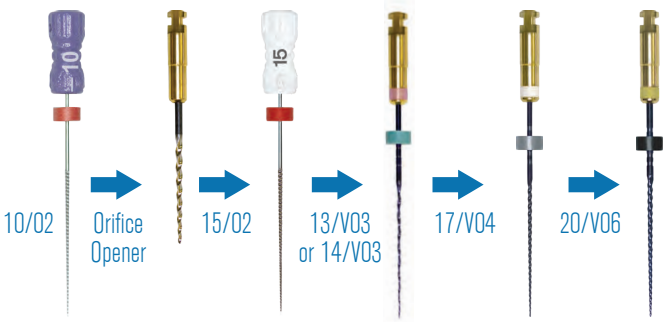
Preserve Coronal Tooth Structure with Conservative Preparation and, Deep Apical Shaping Where it Matters...

Safe instrumentation with pericervical dentin preservation is especially important in long and curved canals and is made possible with the regressive taper design and extremely flexible metallurgy of the DCTaperH™ rotary file system. While most rotary file systems have a diameter at the level of the canal orifice that approximates 1.2 mm. The corresponding DCTaperH™ rotary file system has a maximum flute diameter of 0.69 mm at the level of the orifice, allowing for maximal dentin conservation where it matters.



Recommended DCTaperH™ Protocol

Basic Sequence



Optional Shaping Files for Larger Canals

Recommended speed is 150 to 400 rpm

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

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

DCTAPER H™
DENTIN CONSERVATION FILE SYSTEM

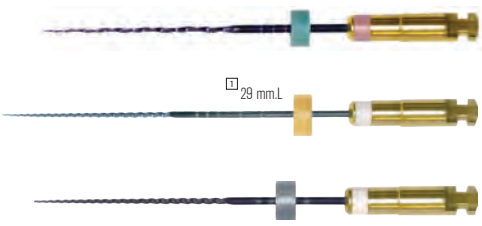
STERILE R AVAILABLE IN STERILE 6 PACKS

Heat Treated for Increased Flexibility and Strength

2 File Shaping-Finishing System

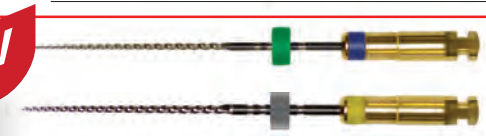
Size	17mm	-	-	Qty.	Recommended SS White Accessory Cones Gutta Percha Size	Pk. Size	Order #	Recommended SS White Paper Point Size	Pk.Size	Order #
25(v09)	21367	-	-	6-Pk.	-	-	-	-	-	-
25(v09)	21367-S6	-	-	6-Pk.	-	-	-	-	-	-

Glide Path File System



Size	21mm	25mm	31mm	Qty.						
13(V03)	21362	21363	21350	6-Pk.	-	-	-	-	-	-
13(V03)	21362-S6	21363-S6	21350-S6	6-Pk.	-	-	-	-	-	-
14(V03)	21364	21365	21366 [1]	6-Pk.	-	-	-	-	-	-
14(V03)	21364-S6	21365-S6	21366-S6	6-Pk.	-	-	-	-	-	-
17(V04)	21319	21330	21351	6-Pk.	FF	100	#200002	XF	200	#200013
17(V04)	21319-S6	21330-S6	21351-S6	6-Pk.	FF	100	#200002	XF	200	#200013

NEW SIZES



18 (V05)	21385	21387	21389	6-Pk.	FF	100	#200002	XF	200	#200013
20 (V04)	21386	21388	21390	6-Pk.	FF	100	#200002	XF	200	#200013

2 File System

20(V06)	21320	21331	21352	6-Pk.	MF	100	#200003	F	200	#200014
20(V06)	21320-S6	21331-S6	21352-S6	6-Pk.	MF	100	#200003	F	200	#200014
25(V06)	21322	21333	21354	6-Pk.	MF	100	#200003	F	200	#200014
25(V06)	21322-S6	21333-S6	21354-S6	6-Pk.	MF	100	#200003	F	200	#200014

Additional Sizes Available

22(V07)	21321	21332	21353	6-Pk.	FF	100	#200002	XF	200	#200013
22(V07)	21321-S6	21332-S6	21353-S6	6-Pk.	FF	100	#200002	XF	200	#200013
25(V08)	21323	21334	21355	6-Pk.	MF	100	#200003	F	200	#200014
25(V08)	21323-6S	21334-6S	21355-6S	6-Pk.	MF	100	#200003	F	200	#200014
30(V06)	21324	21335	21356	6-Pk.	MF	100	#200003	F	200	#200014
30(V06)	21324-6S	21335-6S	21356-6S	6-Pk.	MF	100	#200003	F	200	#200014
30(V08)	21325	21336	21357	6-Pk.	MF	100	#200003	F	200	#200014
30(V08)	21325-S6	21336-S6	21357-S6	6-Pk.	MF	100	#200003	F	200	#200014
35(V06)	21326	21337	21358	6-Pk.	25/04	60	#200022	25/04	100	#200033
35(V06)	21326-S6	21337-S6	21358-S6	6-Pk.	25/04	60	#200022	25/04	100	#200033
40(V06)	21327	21338	21359	6-Pk.	30/04	60	#200023	30/04	100	#200034
40(V06)	21327-S6	21338-S6	21359-S6	6-Pk.	30/04	60	#200023	30/04	100	#200034
45(V06)	21328	21339	21360	6-Pk.	35/04	60	#200024	35/04	100	#200035
45(V06)	21328-S6	21339-S6	21360-S6	6-Pk.	35/04	60	#200024	35/04	100	#200035
50(V06)	21329	21340	21361	6-Pk.	40/04	60	#200025	40/04	100	#200036
50(V06)	21329-S6	21340-S6	21361-S6	6-Pk.	40/04	60	#200025	40/04	100	#200036

DCTAPER H™
DENTIN CONSERVATION FILE SYSTEM
Assortment Packs

Description Assorted Pack	21mm	25mm	31mm	Qty.
DCTaperH™ 00-14-17-20-25-30	21375	21376	-	6-Pk.
DCTaperH™ 17-20-25-30-35-40	21377	21378	21379	6-Pk.
DCTaperH™ 17-20-22-25-30-35	21380	21381	21382	6-Pk

Description Assorted Pack		21mm	25mm	31mm	Qty.
DCTaperH™ 17-20-25		21341	21342	21372	3-Pk.
	STERILE R	21341-S3	21342-S3	-	3-PK
DCTaperH™ 30-35-40		21368	21370	21373	3-Pk.
DCTaperH™ 40-45-50		21369	21371	21374	3-Pk.

Includes everything you need for endodontic access, shaping & finishing.

- Shape may create better access for irrigation and cleaning, and 3D obturation
- Change 1-2 files per case to - Lower your cost per procedure with one file
- Strongest tested NiTi file system on the market*

Simplify your Retreatment Protocol and Reduce Your Operating Time

DC™ Retreatment Endodontic Files

Minimally invasive by design, DC™ Retreatment files offer the same legendary strength and flexibility you are accustomed to with DCTaperH™ files. For nonsurgical retreatments, the DC™ Retreatment File System will efficiently remove obturation material from the root canal, while respecting the root canal anatomy, making it an essential tool for endodontic specialists.
Available in 21mm in heat-treated or non-heat treated.

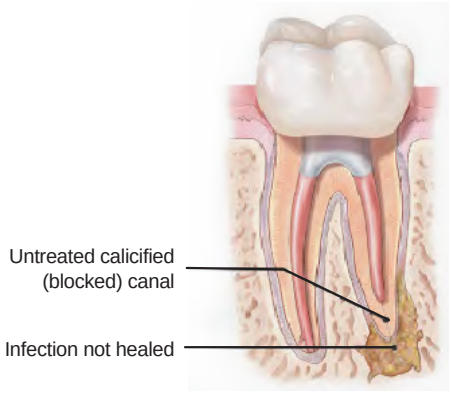
DC™ RETREATMENT FILE SYSTEM 6-Pk.

21383	DC™ RETREATMENT FILE SYSTEM 20/25/30 21MM ASSORTED	6-Pk.
21384	DC™ RETREATMENT FILE SYSTEM 25/V06 L21	6-Pk.
21391	DC™ RETREATMENT FILE SYSTEM 20/V06 L21	6-Pk.
21392	DC™ RETREATMENT FILE SYSTEM 30/V06 L21	6-Pk.

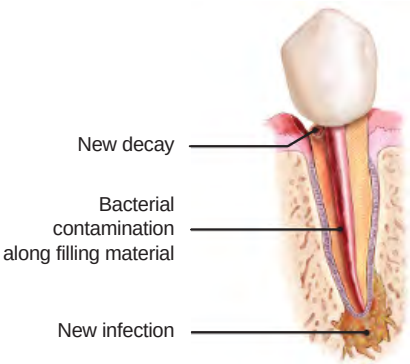
DCH™ RETREATMENT FILE SYSTEM 6-Pk.

21393	DCH™ RETREATMENT FILE SYSTEM 20/25/30 21MM ASSORTED	6-Pk.
21394	DCH™ RETREATMENT FILE SYSTEM 25/V06 L21	6-Pk.
21395	DCH™ RETREATMENT FILE SYSTEM 20/V06 L21	6-Pk.
21396	DCH™ RETREATMENT FILE SYSTEM 30/V06 L21	6-Pk.

Indications for Retreatment



Tooth not healed as expected after initial treatment



† DC™ Retreatment File Systems not available in all countries. Please contact your SS White® representative for details.

EXACTTAPER™
ROTARY ENDODONTIC FILES

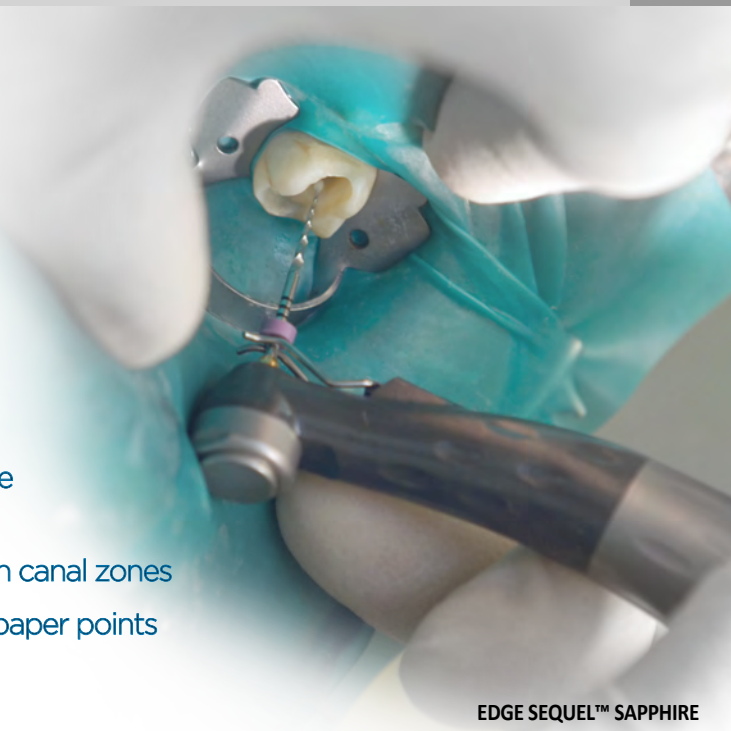
Same ProTaper® Design No Change in Technique!

- Comparable sizes, lengths and tapers -- comparable technique as ProTaper® Gold and Edge Taper® Platinum files
- EXACTTaper™ system includes matching gutta percha and paper points
- Multiple tapers provide smooth canal shaping

SKU	DESCRIPTION	PK Size	PROTAPER® UNIVERSAL	PROTAPER® UNIVERSAL DESCRIPTION	EDGE SKU	EDGE TAPER®
TTUSX19	EXACTTaper™ SX 6 pack 19 mm	6 Pk	PTURSX19	ProTaper® Universal Rotary File Shaper X 19mm	ETSX19	SX 19 mm
TTUAS21	EXACTTaper™ SX-F3 ASST 21mm	6 Pk	PTURA21	ProTaper® Universal Rotary Files Asstd (SX-S2, F1-F3) 21mm	ETASST21	
TTUS121	EXACTTaper™ S1 6 pack: 21 mm	6 Pk	PTURS121	ProTaper® Universal Rotary File Shaper 1 Purple 21mm	ETS121	S1 21 mm
TTUS221	EXACTTaper™ S2 6 pack: 21 mm	6 Pk	PTURS221	ProTaper® Universal Rotary File Shaper 2 White 21mm	ETS221	S2 21 mm
TTUF121	EXACTTaper™ F1 6 pack: 21 mm	6 Pk	PTURF121	ProTaper® Universal Rotary File Finisher 1 Yellow 21mm	ETF121	F1 21 mm
TTUF221	EXACTTaper™ F2 6 pack: 21 mm	6 Pk	PTURF221	ProTaper® Universal Rotary File Finisher 2 Red 21mm	ETF221	F2 21 mm
TTUF321	EXACTTaper™ F3 6 pack: 21 mm	6 Pk	PTURF321	ProTaper® Universal Rotary File Finisher 3 Blue 21mm	ETF321	F3 21 mm
TTUF421	EXACTTaper™ F4 6 pack: 21 mm	6 Pk	PTURF421	ProTaper® Universal Rotary File Finisher 4 Double Black 21mm	ETF421	F4 21 mm
TTUF521	EXACTTaper™ F5 6 pack: 21 mm	6 Pk	PTURF521	ProTaper® Universal Rotary File Finisher 5 Double Yellow 21mm	ETF521	F5 21 mm
TTUAS25	EXACTTaper™ SX-F3 ASST 25mm	6 Pk	PTURA25	ProTaper® Universal Rotary Files Asstd (SX-S2, F1-F3) 25mm	ETASST25	
TTUS125	EXACTTaper™ S1 6 pack: 25 mm	6 Pk	PTURS125	ProTaper® Universal Rotary File Shaper 1 Purple 25mm	ETS125	S1 25 mm
TTUS225	EXACTTaper™ S2 6 pack: 25 mm	6 Pk	PTURS225	ProTaper® Universal Rotary File Shaper 2 White 25mm	ETS225	S2 25 mm
TTUF125	EXACTTaper™ F1 6 pack: 25 mm	6 Pk	PTURF125	ProTaper® Universal Rotary File Finisher 1 Yellow 25mm	ETF125	F1 25 mm
TTUF225	EXACTTaper™ F2 6 pack: 25 mm	6 Pk	PTURF225	ProTaper® Universal Rotary File Finisher 2 Red 25mm	ETF225	F2 25 mm
TTUF325	EXACTTaper™ F3 6 pack: 25 mm	6 Pk	PTURF325	ProTaper® Universal Rotary File Finisher 3 Blue 25mm	ETF325	F3 25 mm
TTUF425	EXACTTaper™ F4 6 pack: 25 mm	6 Pk	PTURF425	ProTaper® Universal Rotary File Finisher 4 Double Black 25mm	ETF425	F4 25 mm
TTUF525	EXACTTaper™ F5 6 pack: 25 mm	6 Pk	PTURF525	ProTaper® Universal Rotary File Finisher 5 Double Yellow 25mm	ETF525	F5 25 mm
TTUAS31	EXACTTaper™ SX-F3 ASST 31mm	6 Pk	PTURA31	ProTaper® Universal Rotary Files Asstd (SX-S2, F1-F3) 31mm	ETASST31	
TTUS131	EXACTTaper™ S1 6 pack: 31 mm	6 Pk	PTURS131	ProTaper® Universal Rotary File Shaper 1 Purple 31mm	ETS131	S1 31 mm
TTUS231	EXACTTaper™ S2 6 pack: 31 mm	6 Pk	PTURS231	ProTaper® Universal Rotary File Shaper 2 White 31mm	ETS231	S2 31 mm
TTUF131	EXACTTaper™ F1 6 pack: 31 mm	6 Pk	PTURF131	ProTaper® Universal Rotary File Finisher 1 Yellow 31mm	ETF131	F1 31 mm
TTUF231	EXACTTaper™ F2 6 pack: 31 mm	6 Pk	PTURF231	ProTaper® Universal Rotary File Finisher 2 Red 31mm	ETF231	F2 31 mm
TTUF331	EXACTTaper™ F3 6 pack: 31 mm	6 Pk	PTURF331	ProTaper® Universal Rotary File Finisher 3 Blue 31mm	ETF331	F3 31 mm
TTUF431	EXACTTaper™ F4 6 pack: 31 mm	6 Pk	PTURF431	ProTaper® Universal Rotary File Finisher 4 Double Black 31mm	ETF431	F4 31 mm
TTUF531	EXACTTaper™ F5 6 pack: 31 mm	6 Pk	PTURF531	ProTaper® Universal Rotary File Finisher 5 Double Yellow 31mm	ETF531	F5 31 mm

EXACTTAPER^{H}™
ROTARY ENDODONTIC FILES

Balanced Cutting Capacity and Flexibility



- Heat treated for flexibility
- Same sizes, lengths and tapers enable you to use the same protocol or technique you use with ProTaper® Gold and Edge Taper Platinum™ file systems
- Advanced variable taper design shaper files cut dentin within canal zones
- EXACTTaper™ system includes matching gutta percha and paper points

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

EXACTTaper™H Treatment Protocol

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

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

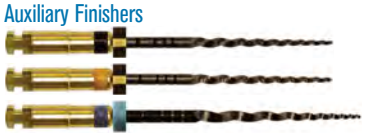
- Identify the material makeup of any existing restorations that must be removed or penetrated to gain access, select the appropriate instrument for the task to gain access through the tooth.
- Use endodontic intra-canal lubricant and small hand files when manually scouting and securing canals
- Use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

Radicular Access
SX

Shapers
S1
S2

Finishers
F1
F2

Auxiliary Finishers
F3
F4
F5



Shaping & Finishing Technique

Brush, Follow & Shape to Length
S1 & S2

Follow, Brush & Finish to Length
F1 & F2

Expand File Shape as Desired
F3, F4, F5

Precautions

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

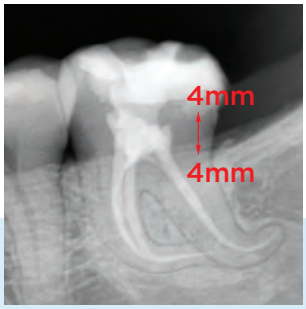
Limitations of Liability

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

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

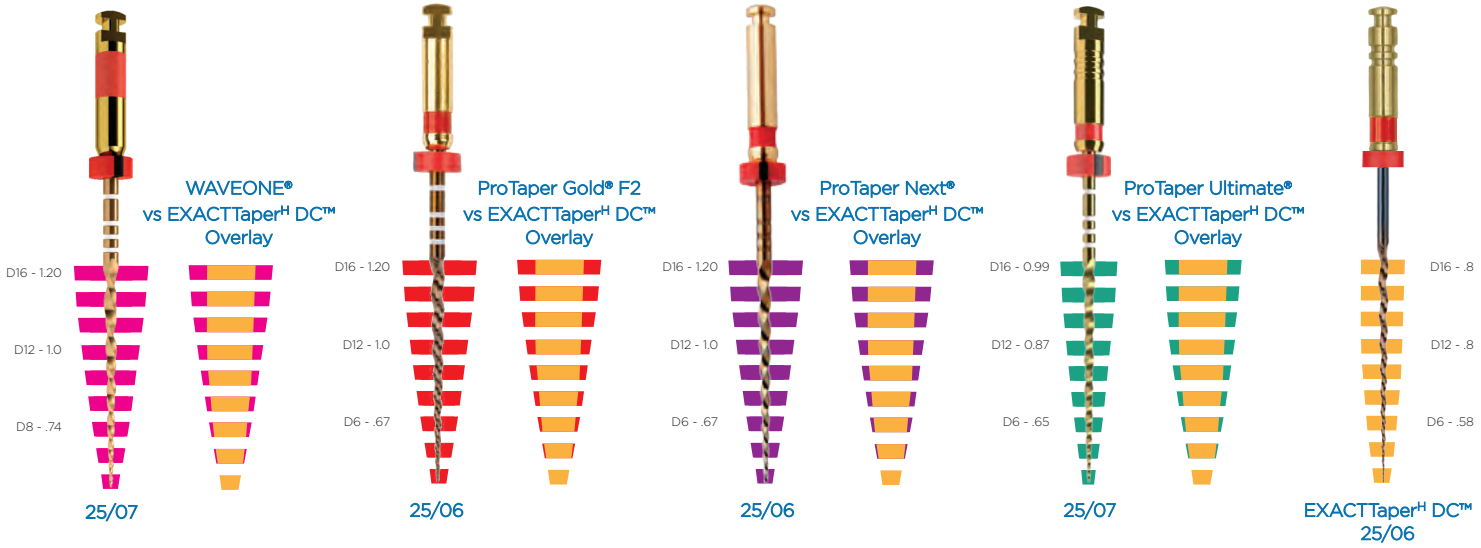
EXACTTAPER^H DC™
ROTARY ENDODONTIC FILES

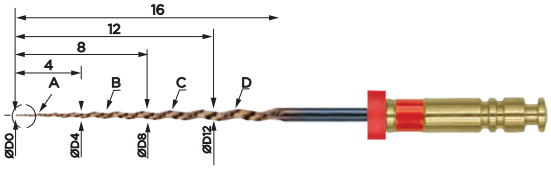
The variable decreasing taper of the ExactTaperH DC™ preserves pericervical dentin



Courtesy: Dr. Eugen Buga

Dentsply® = Large Shapes (Traditional Endodontics) vs. SS White® = Small Shapes (Modern Endodontics)





File	Taper	D0	D2	D4	D6	D8	D12	D16
DCSX	.09	.15	.33	.51	.65	.80	.80	—
DCS1	.03	.17	.22	.28	.34	.40	.50	.60
DCF1	.06	.20	.32	.44	.54	.62	.80	.80
DCF2	.06	.25	.36	.48	.58	.68	.80	.80
DCF3	.06	.30	.42	.54	.62	.71	.78	.80
DCF4	.06	.40	.51	.63	.69	.76	.80	.80

33% Smaller Maximum Flute Diameter than ProTaper Gold®, ProTaper Next® and WaveOne®*

The variable decreasing taper of the ExactTaperH DC™ preserves more pericervical dentin when compared to larger competitive files

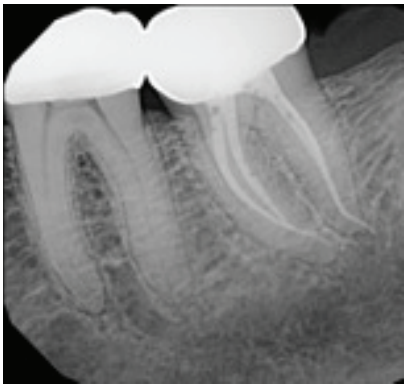
(*Based on Size 25 File Comparison)

NAVIGATE Without Constraint

Flexibility is an important property of NiTi that allows preparation of curved canals while minimizing transportation. Despite the increased flexibility, separation is still a concern.

NiTi files can still undergo fatigue failure which occurs unexpectedly without any sign of previous deformation and therefore visual inspection may not be the ideal way of evaluating nickel titanium instruments in order to prevent fracture.


Courtesy: Dr. Reza Farshey


"Very few files are needed to shape the canals. The flexibility on these files is simply unreal".

~ Dr. Reza Farshey
Endodontist, Chevy Chase, Maryland

EXACTTAPER^{H}DC™
ROTARY ENDODONTIC FILES

Courtesy: Dr. Reza Farshey

The SS White EXACTTaperH DC™ file system has been designed with multiple tapers utilizing a .8 MFD for maximum pericervical dentin conservation.

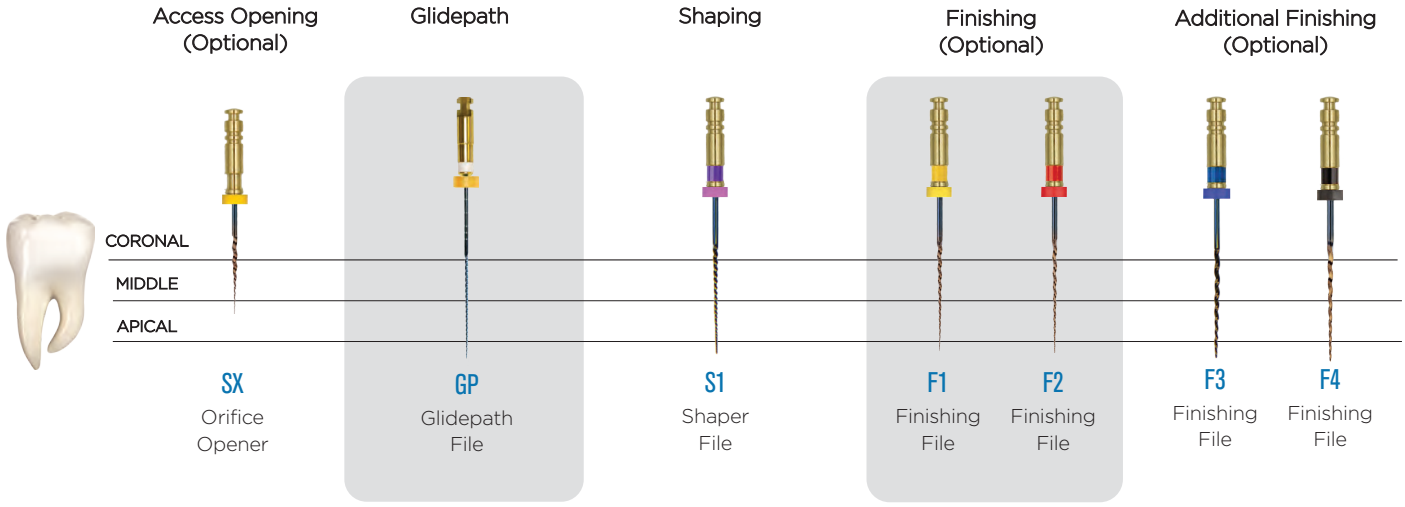
EXACTTaper^{H} DC™ files are available in comparable sizes, lengths and tapers to the Dentsply® ProTaper Gold® file system, and Edge Endo® Edge Taper™ file system.

Creating Initial Access

1) If removing a PFM or Zirconia crown, begin initial access by using the Great White® or Great White® Z.
2) Locate the orifices and create straight-line access using EndoGuide®.
3) Once the canals are located, the walls are made smooth and parallel using the non-end cutting Endo Safe-End® bur to complete the access.

Minimally Invasive Endo Made Easy

- Scouting of the canal is accomplished using a pre-bent size 8 file to EWL, followed by size 10 and, if needed, size 15
- Use EXACTTaper^{H} DC™ SX files in one or more passes to slightly enlarge the coronal aspect
- Create glide path using the appropriate ExactDC™ Glide Path Rotary File
- Use the shaping files (S1 and SX) with a brushing motion on the outstroke, to more optimally prepare canals that exhibit irregular cross sections and to facilitate apical file progression
- Use the finishing files (F1-F4) with an 'in and out' action (not brushing)
- Always make sure to work in a wet field with NaOCl and use intra-canal lubricant when manually scouting canals
- Always irrigate and recapitulate with a size 10 hand file after each pass of a rotary file
- Frequently clean and inspect the flutes of EXACTTaper^{H} DC™ files and discard if unwinding is seen



As with all new products, you must exercise caution until you become proficient in its use. Length determination is imperative to ensure proper instrumentation using any rotary or hand instrument.

1) A slow-speed handpiece is required for rotary file use.
2) Operate the hand piece at a speed of 300 RPM (Revolutions Per Minute).

Recommended Settings

FILE	SPEED rpm	TORQUE N/cm
SX & S1	300	5.1
F1	300	1.5
F2, F3,F4	300	3.1

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

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

Recommended to use DiaDent® Gutta Percha and Paper Points.

EXACTTAPER^{H}DC™
ROTARY ENDODONTIC FILES

Product REFERENCE

Glide Path

14/03 GP

Description	Part Size	Order Number
GPath 6 pack	21 mm	EDCGP140321
GPath 6 pack	25 mm	EDCGP140325
GPath 6 pack	29 mm	EDCGP140329

Radicular Access

15/09 SX

SX 6 pack	19 mm	ETHDCSX19

Shaper

17/03 S1

S1 6 pack:	21 mm	ETHDCS121
S1 6 pack:	25 mm	ETHDCS125
S1 6 pack:	31 mm	ETHDCS131

Finishers

20/06 F1

F1 6 pack:	21 mm	ETHDCF121
F1 6 pack:	25 mm	ETHDCF125
F1 6 pack:	31 mm	ETHDCF131

25/06 F2

F2 6 pack:	21 mm	ETHDCF221
F2 6 pack:	25 mm	ETHDCF225
F2 6 pack:	31 mm	ETHDCF231

Auxiliary Finishers

30/06 F3

F3 6 pack:	21 mm	ETHDCF321
F3 6 pack:	25 mm	ETHDCF325
F3 6 pack:	31 mm	ETHDCF331

40/06 F4

F4 6 pack:	21 mm	ETHDCF421
F4 6 pack:	25 mm	ETHDCF425
F4 6 pack:	31 mm	ETHDCF431

Assorted Packs Available

14/3-SX-S1-F1-F2-F3 ASST 6 pack:	21 MM-D	ETHDCAS21-I
14/3-SX-S1-F1-F2-F3 ASST 6 pack:	25 MM-D	ETHDCAS25-I

EXACTTaper^{H} DC™ / Paper Points†

Description	Part Size	Order Number
EXACTTaper^{H} DC™ F1 PP 100 PK: 28 MM	DCF1/28	PPETHDCF1
EXACTTaper^{H} DC™ F2 PP 100 PK: 28 MM	DCF2/28	PPETHDCF2
EXACTTaper^{H} DC™ F3 PP 100 PK: 28 MM	DCF3/28	PPETHDCF3
EXACTTaper^{H} DC™ F4 PP 100 PK: 28 MM	DCF4/28	PPETHDCF4

EXACTTaper^{H} DC™ / Gutta Percha†

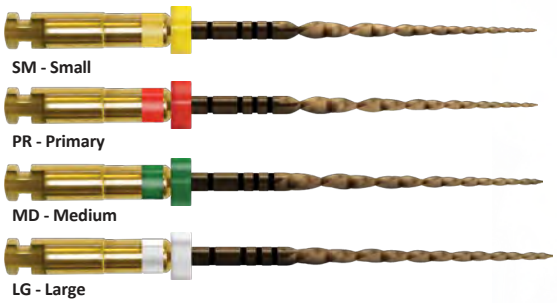
Description	**Part Size**	**Order Number**
EXACTTaper^{H} DC™ F1 GP 60 PK: 28 MM	DCF1/28	GPETHDCF1
EXACTTaper^{H} DC™ F2 GP 60 PK: 28 MM	DCF2/28	GPETHDCF2
EXACTTaper^{H} DC™ F3 GP 60 PK: 28 MM	DCF3/28	GPETHDCF3
EXACTTaper^{H} DC™ F4 GP 60 PK: 28 MM	DCF4/28	GPETHDCF4

† Paper Points and Gutta Percha not available in all countries. Please contact your SS White representative for details.

EXACTFLOWH™
RECIPROCATING FILE SYSTEM

Root Canal Shaping with ONE File

- Proprietary Heat-Matrix™ technology enables EXACTFlowH™ files to deliver optimal strength.
- Dedicated matching EXACTFlowH™ gutta-percha and paper points
- Single file system offers ease of use



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

AVAILABLE IN STERILE 3 PACKS STERILE R

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

EXACTFlow™ Treatment Protocol

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

Shaping Technique Sequence

EXACTFlow™H Shaping Files Technique

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

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

EXACTGUIDE™
ROTARY ENDODONTIC FILES

Fully Comparable to Vortex Blue®

Reduce File Separation in Curved and Tight Canals

- No change in technique
- Controlled memory -- more resistant to breakage
- Corresponding EXACTGuide™ gutta percha and paper points
- Available in ISO tip sizes from 15-5 and in 0 and in .04 and .06 taper
- Proprietary heat process enhances flexibility and shapes curved canals
- Increased torque strength for less chance of fracture

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

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

EXACTGuide™ Treatment Protocol

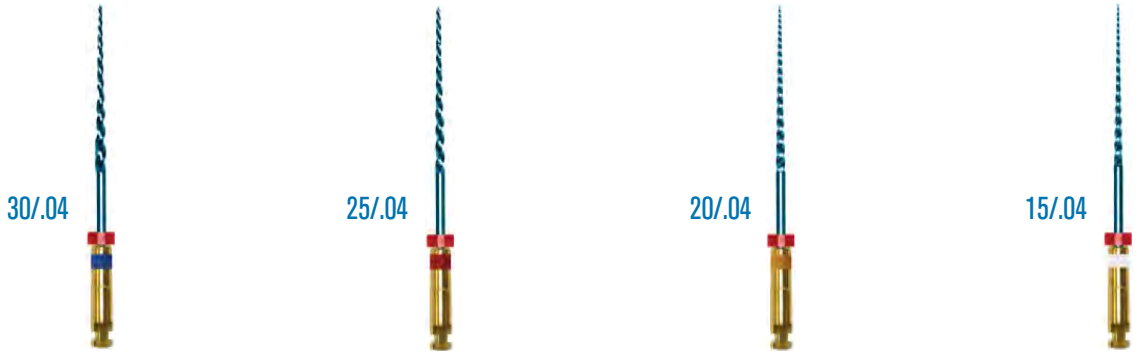
Create Straight-Line Access

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

Shape Canal-Crown Down

Initiate Crown Down cleaning and shaping technique –

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



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

Technical Information

EXACTGuide™ .04 Taper Files

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

EXACTGuide™ .06 Taper Files

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

File Sterilization

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

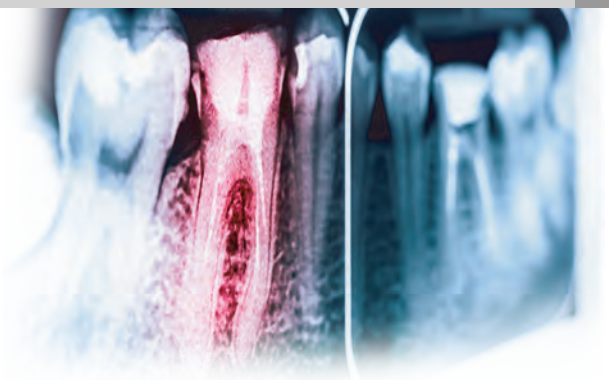
· 136˚C (plus or minus 2˚C) for 20 minutes.

· EXACTGuide™ Files are single patient use devices

EXACTGuide™ Speed and Torque Recommendations

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

The First Step in Endodontic Retreatment



Post-treatment endodontic disease may occur due to the persistence of bacteria in the root canal system as a consequence of insufficient cleaning, untreated canals, inadequate filling, or coronal/apical leakage. Non-surgical root canal retreatment is the first choice to re-establish healthy periapical tissues.

EXACT™ RETREATMENT FILES

Exact™ Retreatment Files are available in 3 lengths, 3 progressive tapers and 3 apical diameters and are designed to remove root canal obturating material such as gutta-percha, carrier-based obturators, and fillers from coronal, middle and apical thirds of root canal prior to canal reshaping.

SPECIFICATIONS:

D1 (30/.09)
For coronal filling removal

- D1 – Cutting tip to facilitate initial penetration

21221 RETREATMENT FILE SIZE D1 6 PK

D2 (25/.08)
For mid-root filling removal

- Non-cutting tips
- Remove material from mid and apical thirds

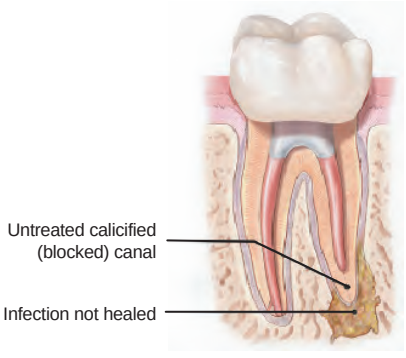
21222 RETREATMENT FILE SIZE D2 6 PK

D3 (20/.07)
For apical filling removal

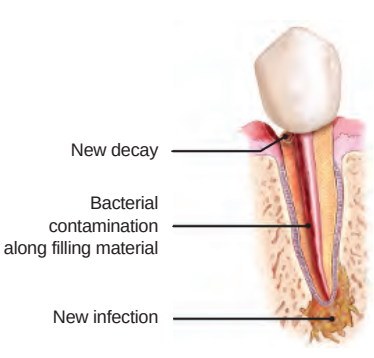
- Non-cutting tips
- Remove material from mid and apical thirds

21223 RETREATMENT FILE SIZE D3 6 PK
21220 RETREATMENT FILE ASSORTMENT D1-D2-D3 3 PK

Indications for Retreatment



Tooth not healed as expected after initial treatment



Decay, fracture, and infection

RETREATMENT TECHNIQUE

- Establish a pilot hole using a small sized stainless steel hand file with an appropriate solvent, heat carrier or ultrasonic instrument
- Without engaging dentin, gently press the spinning D1 into the obturated material.
- Use D1 to remove the obturation material from the coronal 1/3.
- Next, use the D2 to progressively remove material rom the middle 1/3.
- When appropriate, use the D3 to remove obturation material from the apical 1/3. Use hand files with a solvent to remove obturation materials from the apical 1/3 when encountering intricate anatomy.
- Remove the files frequently and inspect flutes. Continue as long as obturation material is visualized between the cutting blades.

RETREATMENT TIPS

- Always begin with a well-angulated set of radiographs.
- Understand the specific anatomy is critical to success.
- Obtain straight-line access to the canal.
- Assess the obturation material.
- Heat and friction will help remove the obturation material.
- Throughout the procedure, remove the instruments, inspect and clean the flutes. Then, re-insert and continue to auger material out of the canal.
- Recommended speed for EXACT™ Retreatment Files is 500-700 RPM for gutta-percha and carrier based obturators. Use 300 PRM to remove paste fillers.
- EXACT™ Retreatment Files are single use devices.

†EXACT™ Retreatment Files not available in all countries. Please contact your SS White representative for details.

Paper Points and Gutta Percha

SS WHITE Dental®
ABSORBANT PAPER POINTS

Absorbent Paper Points
- Superior absorbency
- Dries canal and retains firmly rolled shape

Order#	Item Description	Size	Pkg Size.
200012	SSW CORE Endo PP	#XXF	200 pack
200013	SSW CORE Endo PP	#XF	200 pack
200014	SSW CORE Endo PP	#F	200 pack
200015	SSW CORE Endo PP	#M	200 pack
200033	SSW CORE Endo PP SIZE 04	#25	100 pack
200034	SSW CORE Endo PP SIZE 04	#30	100 pack
200035	SSW CORE Endo PP SIZE 04	#35	100 pack
200036	SSW CORE Endo PP SIZE 04	#40	100 pack

SS WHITE Dental®
GUTTA PERCHA POINTS

Gutta Percha Points
- Excellent radiopacity
- Color coded for easy identification of sizes

Order#	Item Description	Size	Pkg Size.
200001	SSW CORE Endo GP	#XF	100 Pack
200002	SSW CORE Endo GP	#FF	100 Pack
200003	SSW CORE Endo GP	#MF	100 pack
200004	SSW CORE Endo GP	#F	100 pack
200022	SSW CORE Endo GP SIZE 04	#25	60 pack
200023	SSW CORE Endo GP SIZE 04	#30	60 pack
200024	SSW CORE Endo GP SIZE 04	#35	60 pack
200025	SSW CORE Endo GP SIZE 04	#40	60 pack

†Paper Points and Gutta Percha not available in all countries. Please contact your SS White representative for details.

Gutta Percha Fill Technique

1. Select the appropriate gutta percha cone.
2. Insert a sealer-free cone into canal until the cone binds at working length.
3. Use forceps to crimp cone, then remove from canal.
4. Use an endodontic ruler to measure cone from the tip to where you crimped the cone, compare your measurement to your working length to ensure they match.
   a. If your cone measurement is longer, trim the cone back to your working length for that cone.
   b. If your cone measurement is shorter, use a smaller sized cone.
5. Reinsert the cone to verify the cone binds at working length.
6. Upon removal of the cone, you should feel a slight tug back.
7. Warm vertical obturation should trim an additional 1/2mm to 1mm off the cone, coat with sealer, reinsert the cone into the canal, laterally condense the cone with a spreader and place 1 or 2 accessory points. Then cut off excess with heat and condense orifice with a plugger.
8. Cold lateral obturators should coat the cone with sealer, reinsert the cone to working length and down pack with a plugger.

EXACTTAPER™
ABSORBANT PAPER POINTS

- Size-matched to the EXACTTaper™ & EXACTTaper^{H}™ File System
- Superior absorbency
- Dries canal and retains firmly rolled shape

Order #	Item Description	Size	PK Size
PPTTUAS	EXACTTaper™ SX-F3 PP ASST 28MM	SX-F3/28	60 Pack
PPTTUF1	EXACTTaper™ F1 PP 28 MM	F1/28	60 Pack
PPTTUF2	EXACTTaper™ F2 PP 28 MM	F2/28	60 Pack
PPTTUF3	EXACTTaper™ F3 PP 28 MM	F3/28	60 Pack
PPTTUF4	EXACTTaper™ F4 PP 28 MM	F4/28	60 Pack
PPTTUF5	EXACTTaper™ F5 PP 28 MM	F5/28	60 Pack

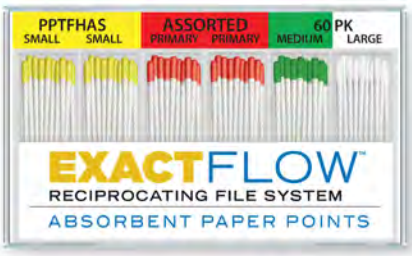
EXACTTAPER™
GUTTA PERCHA POINTS

- Size-matched to the EXACTTaper™ & EXACTTaper^{H}™ File System
- Excellent radiopacity
- Color coded for easy identification of sizes

Order #	Item Description	Size	PK Size
GPTTUAS	EXACTTaper™ SX-F3 GP ASST 28MM	SX-F3/28	60 Pack
GPTTUF1	EXACTTaper™ F1 GP 28 MM	F1/28	60 Pack
GPTTUF2	EXACTTaper™ F2 GP 28 MM	F2/28	60 Pack
GPTTUF3	EXACTTaper™ F3 GP 28 MM	F3/28	60 Pack
GPTTUF4	EXACTTaper™ F4 GP 28 MM	F4/28	60 Pack
GPTTUF5	EXACTTaper™ F5 GP 28 MM	F5/28	60 Pack

†Paper Points and Gutta Percha not available in all countries. Please contact your SS White representative for details.

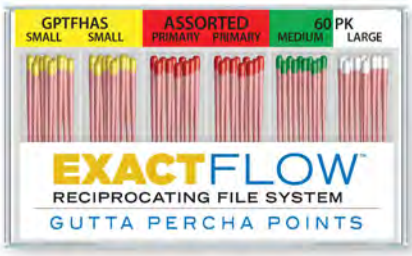
EXACTFLOW™
ABSORBANT PAPER POINTS



- Size-matched to the EXACTFLOW^{H}™ File System
- Superior absorbency
- Dries canal and retains firmly rolled shape

Order#	Item Description	Size	Pkg Size.
PPTFHAS	EXACTFlowH™ PP	ASST	100 Pack
PPTFHLG	EXACTFlowH™ PP	LARGE	100 Pack
PPTFHMD	EXACTFlowH™ PP	MEDIUM	100 Pack
PPTFHPR	EXACTFlowH™ PP	PRIMARY	100 Pack
PPTFHSM	EXACTFlowH™ PP	SMALL	100 Pack

EXACTFLOW™
GUTTA PERCHA POINTS

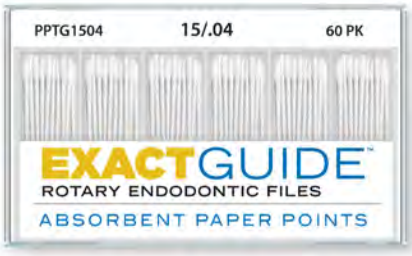


- Size-matched to the EXACTFLOW^{H}™ File System
- Excellent radiopacity
- Color coded for easy identification of sizes

Order#	Item Description	Size	Pkg Size.
GPTFHAS	EXACTFlowH™ GP	ASST	60 Pack
GPTFHLG	EXACTFlowH™ GP	LARGE	60 Pack
GPTFHMD	EXACTFlowH™ GP	MEDIUM	60 Pack
GPTFHPR	EXACTFlowH™ GP	PRIMARY	60 Pack
GPTFHSM	EXACTFlowH™ GP	SMALL	60 Pack

†Paper Points and Gutta Percha not available in all countries. Please contact your SS White representative for details.

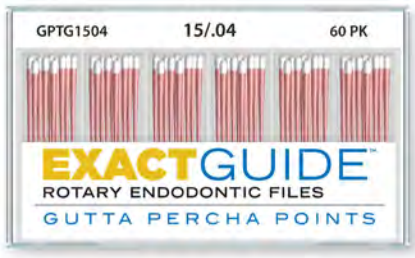
EXACTGUIDE™ ABSORBANT PAPER POINTS



- Size-matched to the EXACTGuide™ File System
- Superior absorbency
- Dries canal and retains firmly rolled shape

Order#	Item Description	Size	Pkg Size.
PPTG1504	EXACTGuide™ PP	15/.04	100 Pack
PPTG1506	EXACTGuide™ PP	15/.06	100 Pack
PPTG2004	EXACTGuide™ PP	20/.04	100 Pack
PPTG2006	EXACTGuide™ PP	20/.06	100 Pack
PPTG2504	EXACTGuide™ PP	25/.04	100 Pack
PPTG2506	EXACTGuide™ PP	25/.06	100 Pack
PPTG3004	EXACTGuide™ PP	30/.04	100 Pack
PPTG3006	EXACTGuide™ PP	30/.06	100 Pack
PPTG3504	EXACTGuide™ PP	35/.04	100 Pack
PPTG3506	EXACTGuide™ PP	35/.06	100 Pack
PPTG4004	EXACTGuide™ PP	40/.04	100 Pack
PPTG4006	EXACTGuide™ PP	40/.06	100 Pack
PPTG4504	EXACTGuide™ PP	45/.04	100 Pack
PPTG4506	EXACTGuide™ PP	45/.06	100 Pack
PPTG5004	EXACTGuide™ PP	50/.04	100 Pack
PPTG5006	EXACTGuide™ PP	50/.06	100 Pack
PPTGAS04	EXACTGuide™ PP	04 ASST	100 Pack
PPTGAS06	EXACTGuide™ PP	06 ASST	100 Pack

EXACTGUIDE™ GUTTA PERCHA POINTS



- Size-matched to the EXACTGuide™ File System
- Excellent radiopacity
- Color coded for easy identification of sizes

Order#	Item Description	Size	Pkg Size.
GPTG1506	EXACTGuide™ GP	15/.06	60 Pack
GPTG2004	EXACTGuide™ GP	20/.04	60 Pack
GPTG2006	EXACTGuide™ GP	20/.06	60 Pack
GPTG2504	EXACTGuide™ GP	25/.04	60 Pack
GPTG2506	EXACTGuide™ GP	25/.06	60 Pack
GPTG3004	EXACTGuide™ GP	30/.04	60 Pack
GPTG3006	EXACTGuide™ GP	30/.06	60 Pack
GPTG3504	EXACTGuide™ GP	35/.04	60 Pack
GPTG3506	EXACTGuide™ GP	35/.06	60 Pack
GPTG4004	EXACTGuide™ GP	40/.04	60 Pack
GPTG4006	EXACTGuide™ GP	40/.06	60 Pack
GPTG4504	EXACTGuide™ GP	45/.04	60 Pack
GPTG4506	EXACTGuide™ GP	45/.06	60 Pack
GPTG5004	EXACTGuide™ GP	50/.04	60 Pack
GPTG5006	EXACTGuide™ GP	50/.06	60 Pack
GPTGAS04	EXACTGuide™ GP	04 ASST	60 Pack
GPTGAS06	EXACTGuide™ GP	06 ASST	60 Pack

†Paper Points and Gutta Percha not available in all countries. Please contact your SS White representative for details.

Optimize Tissue Recovery Time with an Anti-Bacterial Endodontic Sealer

#22010 - 1 Ea. 4g Dual Barrel Syringe
#22011 - 10 Pk. Auto Mix Tips

- 13% MTA (Mineral Trioxide Aggregate) based sealer maintains optimal pH with anti-bacterial effects
- Encourages new tissue formation
- Engineered to penetrate, fill, and seal main and lateral root canals
- Provides rapid recovery of tissue without causing inflammatory reaction
- Avoids tooth stain and discoloration; eugenol and bismuth oxide free
- Easy to use dual syringe automix
- Easy removal for retreatment
- No need for low temperature gutta percha cone use standard heat settings for warm vertical
- Working Time: 23 minutes, Set Time: 130 minutes

†BioSealer not available in all countries. Please contact your SS White representative for details.

Portable, Cordless Compact Precision Endodontic Handpiece

manta™
Cordless Endodontic Handpiece

The Manta Endo motor is a portable and compact precision handpiece unit.
This Endo handpiece uses precision processing technology to minimize vibration when performing root canal procedures.

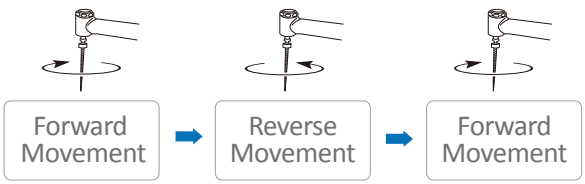
- Optimized Design for user Interface
- Ergonomic and compact body
- Suitable for use with most major brands of NiTi files

- Standard gear ratio 20:1
- 5 Memory Programs
- Quick Charging 2.5 Hours
- 8.5 hours of Run Time
- Auto Reverse / Reciprocation

24010 - MANTA CORDLESS ENDODONTIC MOTOR SET
24011 - MANTA 20:1 HANDPIECE

❶ Auto Stop

❷ Auto Reversing



Charger

Rated Voltage	AC 100-240 V, 50/60 Hz
	DC 4 V
Charging Time	approx. 2.5 hours
Using Time	approx. 8.5 hours

Handpiece

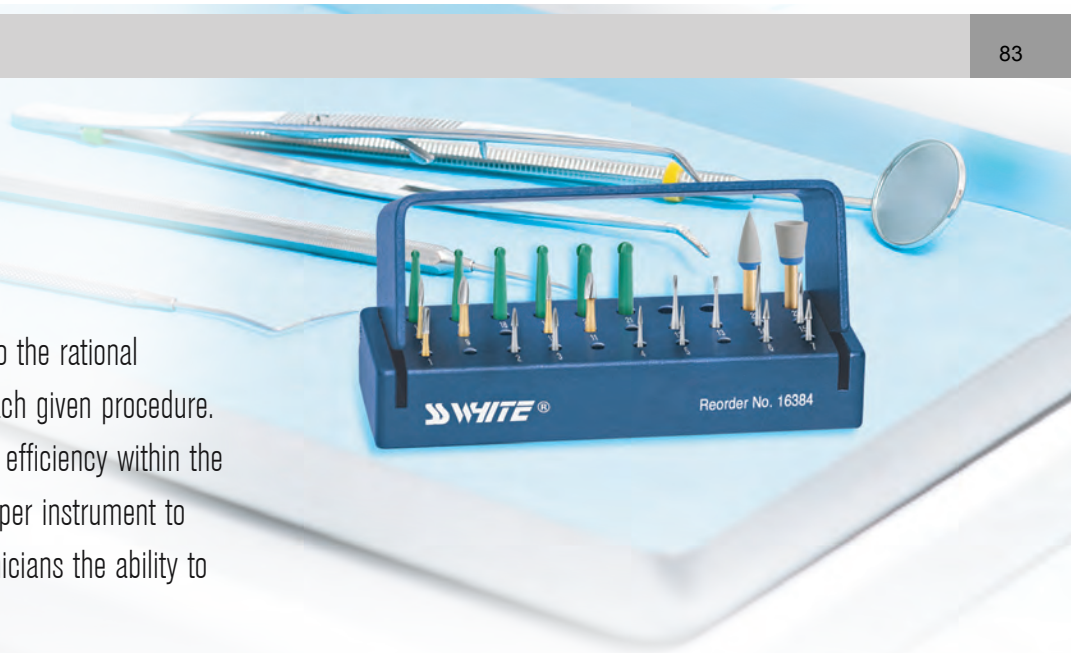
	ACL(B) - 41EP
Gear Ratio	20 : 1
Weight	35g

Motor Handpiece

Rotation Speed (min)	Gear Ratio	Torque Level (N·cm)	Rated Voltage
100~600	20 : 1	1.0 - 4.0	2.5 V

†Manta Cordless Endodontic Handpiece not available in all countries. Please contact your SS White representative for details.

SS White® Procedural Kits



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

Comfortable Cavity Prep Kit – A Comfortable Experience for Your Patients

Kit Contents:

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

The SS White® Comfortable Cavity Preparation Kit features patented rotary instruments exclusively designed to provide a less invasive and more comfortable caries preparation experiences. It also supplies task specific SS White® rotary instruments to optimize clinical efficiency.
Kit Reorder No. 16384

Minimally Invasive Preparation – Finishing & Polishing Kit

Kit Contents:

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

When conservative procedures matter, this kit contains rotary instruments suited for minimally invasive preparation, finishing and polishing. Three different Fissurotomy® Burs aid in the identification and treatment of hidden caries. Also included is an excellent selection of 12 and 20 blade Finishing Burs, including the new anatomically designed FOA1 and Jazz™ Supreme One-Step Composite Polishers.
Kit Reorder No. 18130

Fissurotomy® Kit

Kit Contents:

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

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

Complete Restoration Removal Kit

Kit Contents:
(1) Great White® #1
(1) Great White® #2
(1) IDL Diamond 801-014C
(1) IDL Diamond 801-018C
(1) IDL Diamond 856-016C
(1) Great White® Z 801-018
(1) Great White® Z 856-018

Doctors who previously used 2 or 3 carbides to remove crowns reported using one GW to remove 2-3 crowns. The faster cutting rate is experienced in amalgam, PFM and all non-precious metals which doctors indicated saves them 12 hours a year.
Kit Reorder No. 18180

Great White® Gold Preparation Kit

Kit Contents:
(2) Great White® Gold #GW1
(2) Great White® Gold #GW2
(2) Great White® Gold #1557
(2) Great White® Gold #330
(2) Great White® Gold #6 ROUND
(2) Great White® Ultra #847-018

Kit Reorder No. 18050

Great White® Ultra Crown and Bridge Preparation Kit

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

Great White® Ultra Burs cut 11.5% to 35.3% faster than all major diamond competitors, saving a dentist between 1.15 minute to 3.53 minutes when cutting a 10 minute crown preparation.
Kit Reorder No. 18150

CAD/CAM Preparation & Finishing Kit

Kit Contents:
(1) Great White Depth Cutter 1
(1) Great White Depth Cutter 2
(1) FG #169
(1) Finishing Bur #7675
(1) Great White® Ultra #379-023
(1) Great White® Ultra #856-016S
(1) IDL Diamond #881-016
(1) Jazz® Polisher Fine Flame P3S
(1) Jazz® Polisher Med Flame P3S
(1) Jazz® Polisher Coarse Flame P3S

Add efficiency and organization to CAD/CAM preparations with a streamlined selection of rotary instruments for milled ceramic crowns, inlays and partial coverage restorations. Featuring the innovative SS White® Great White® 1.5mm & 2mm depth cutter along with selected carbide burs, diamond instruments and Jazz® Polishers, organized in an autoclavable metal bur block.
Kit Reorder No. 64502

Inlay/Onlay Kit

Kit Contents:
(1) IDL Diamond 852-012VF
(1) IDL Diamond 859-014VF
(1) IDL Diamond 10839-012
(1) Safe End 20 Blade SE6-20
(1) IDL Diamond 379-018F
(1) Trimming and Finishing #7404
(1) Taper Round End Plain #1170L
(1) Great White® Ultra 845KR-016
(1) Great White® Ultra 845KR-018
(1) Great White® Ultra 845KR-025

The SS White® Inlay/Onlay Kit provide you with: Four preparation instruments, two occlusal adjustment / finishing burs and four margin/interproximal shaping instruments. The kit contains a selection of ten preparation diamonds and carbide burs housed within an autoclavable bur block.
Kit Reorder No. 18048

Carbide Trimming and Finishing Kit

Kit Contents:

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

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

Final polishing can best be accomplished using the Jazz® Supreme single-step polishers (not included in kit).
Kit Reorder No. 15080

Complete Composite Finishing and Polishing Kit

Kit Contents:

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

A convenient selection of SS White® trimming and finishing burs and one-step polishers specifically designed to trim, contour and pre-polish anterior and posterior composite resin materials using SS White® Safe End and regular Trimming and Finishing Burs. Final polishing is accomplished with Jazz® Supreme single-step polishers.
Kit Reorder No. 18220

Safe End Finishing Bur Kit

Kit Contents:

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

The SS White® Safe End Series of carbide multi-bladed finishing instruments is one of the most advanced and complete aesthetic finishing systems available, featuring an efficient two-step approach to finishing in one convenient kit. The Safe End on each instrument is non-cutting, to help deter inadvertent damage to gingival tissue, epithelial attachments, and tooth structure.
Kit Reorder No. 16051

Reliant™ Orthodontic Finishing Kit

Kit Contents:

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

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

Surgical Procedure Kit

Kit Contents:

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

This special set of SS White® surgical length carbide burs includes the most popular surgical length carbides and simplifies common surgical procedures including sectioning teeth for extractions, cutting bone and creating proper endodontic access.
Kit Reorder No. 18170

Great White®Z Introductory Kit

Kit Contents:

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

Clinicians reported Great White® Z Diamonds create endodontic access in 1 minute through zirconia. On average, clinicians who access 300 crowns that contain zirconia copings will save 45 hours of chairtime.
Kit Reorder No. 18160

NEW PRODUCT

Great White®Z Zirconia and Lithium Disilicate Adjustment Kit

Kit Contents:
(1) Great White®Z 368-023F
(1) Great White®Z 368-023M
(1) Great White®Z 850-018F
(1) Great White®Z 850-018M
(1) 89112 - Jazz® Polisher Medium Flame RA ZA2S
(1) 89113 - Jazz® Polisher Medium Cup RA ZA2S
(1) 89117 - Jazz® Polisher Fine Cup RA ZA2S
(1) 89118 - Jazz® Polisher Fine Flame RA ZA2S

The Zirconia & Lithium Disilicate Intra-Oral Adjustment Kit has been developed for use on layered and monolithic zirconium oxide restorations and allows for fast and smooth bite adjustment, similar to that delivered by a coarse grits without the risk of micro-fracturing ,chipping and, without excessive heat. Great White®Z diamonds will leave a very fine finish without striations on all types of ceramic such as Zirconia, Lithium Disilicate, e.max® and BruxZir®. Finish to a fine sheen with zirconia polishers. **Kit Reorder No. 16401**

NEW PRODUCT

Great White®Z Master Zirconia Kit

Kit Contents:
(2) Great White®Z 801-016M
(2) Great White®Z 856-018M
(2) Great White®Z 850-018M

The Master Zirconia Crown Removal Kit helps eliminate the problems associated with removing ceramic, zirconia and lithium disilicate crowns and bridges such as the Lava®, Procera®, InCeram™, Empress® I, II, Vita®, Procad®, e.max® and BruxZir®.
Kit Reorder No. 16402

NEW PRODUCT

Great White®Z Endodontic Zirconia Kit

Kit Contents:
(1) Great White®Z 801-010F
(1) Great White®Z 801-012F
(1) Great White®Z 801-014F
(1) Great White®Z 801-018F
(1) Great White®Z 856-018F
(1) Great White®Z 850-018F
(1) Great White®Z 881-016F

The Endodontic Zirconia Access Kit is specifically designed for smooth endo access through the hardest of materials. Endo access diamonds are manufactured to tunnel through the porcelain layer in seconds, and the zirconia or lithium disilicate based crown or bridge with efficiency previously thought impossible. Great White®Z Diamonds are designed for Endo Access in all types of ceramic crowns such as Zirconia, Lithium Disilicate, e.max® and BruxZir®, reducing the chance of micro-fracture.
Kit Reorder No. 16403

NEW PRODUCT

Great White®Z Lab Zirconia Adjustment Kit

Kit Contents:
(1) Great White®Z 368-023F
(1) Great White®Z 379-023F
(1) Great White®Z 850-018F
(1) Great White®Z 856-018F
(1) Great White®Z 856-021F
(1) Great White®Z 862-012F
(1) Great White®Z 881-012F
(1) Great White®Z 881-016F

The SS White® Lab Zirconia Adjustmetn Kit has been developed for the adjusting, contouring and finsihing of Zirconia substructures to create the final luster for use on layered and monolithic zirconium oxide restorations. One of the keys to adjusting and polishing these materials is to perform the tasks quickly and without creating excessive heat.
Kit Reorder No. 16404

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

EndoGuide® Anterior Bicuspid Kit For Endodontic Access and Exploration

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

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

EndoGuide® Molar Kit For Endodontic Exploration in Molars

Kit Contents:
(1) EndoGuide® EG1
(1) EndoGuide® EG2
(1) EndoGuide® EG3
(1) EndoGuide® EG4
(1) EndoGuide® EG5
(1) EndoGuide® EG6
(1) EndoGuide® EG7

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

Endodontic Restoration Removal Kit

Kit Contents:
(1) Great White® #1
(1) Great White® #2
(1) IDL 835-014C
(1) IDL 801-018C
(1) IDL 856-016C
(1) Great White®Z 801-018F
(1) Great White®Z 856-018F

Includes: Great White® Burs for efficient cutting of semi-precious and non-precious metal.
Great White®Z Diamonds for efficient cutting of zirconia substructures.
IDL Diamonds for removal of porcelain to save crowns
Kit Reorder No. 20302

Clark/Khademi Diamond Endodontic Access Kit

Kit Contents:
(1) Great White®Z 801-018F
(1) Great White®Z 856-018F
(1) IDL 850-014M
(1) IDL 850-14M-RA
(1) IDL 859-010M
(1) IDL 856-016M
(1) IDL 856-016M-RA
(1) IDL 850-021M
(1) IDL 801L-023M

Includes Great White®Z Diamonds to remove restorative material including zirconia substructures.
IDL Diamonds to gain entrance to the pulp chamber and to refine and flatten axial walls with proper taper and finish. **Kit Reorder No. 20301**

Jazz® Polishers Supreme Composite 1-Step Universal Polishing System

Kit Includes:
(1) Universal Flame
(1) Universal Knife Edge
(1) Universal Cup
(1) Universal Small Flame

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

Jazz® Polishers C2S Composite 2-Step Polishing System

Kit Contents:
(1) Medium Flame
(1) Medium Knife Edg
(1) Medium Cup
(1) Medium Small Flame
(1) Fine Flame
(1) Fine Knife Edge
(1) Fine Cup
(1) Fine Small Cup

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

Jazz C1S Polisher Composite 12 Pc. Kit

Kit Contents:
(4) Universal Cup
(4) Universal Knife Edge
(4) Universal Flame

Convenient selection of Jazz composite polishers for single-patient use in a 12-piece assortment pack. When you need efficient composite polishing in a disposable product without compromising quality, Jazz C1S polishers deliver results.
Kit Reorder No. 89039

Jazz® P3S Porcelain & Metal Polishing Kit

Kit Contents:
(1) Coarse Flame
(1) Coarse Cup
(1) Coarse Knife Edge
(1) Coarse Small Flame
(1) Medium Flame
(1) Medium Cup
(1) Medium Knife Edge
(1) Medium Small Flame
(1) Fine Flame
(1) Fine Cup
(1) Fine Knife Edge
(1) Fine Small Flame

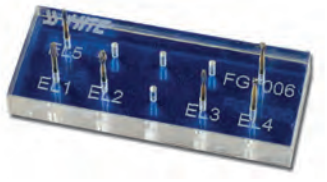
Use the Jazz 3-step porcelain and metal polishing system to adjust, smooth and polish your indirect porcelain and metal restorations to restore or enhance original luster. Diamond impregnated polishers achieve brilliant results on porcelain and metal restorations. Specially formulated rubber matrix allows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

Jazz P2S Polisher 12 Pc. Kit

Kit Contents:
(3) Medium Cup
(3) Medium Flame
(3) Fine Flame

Single-patient-use system saves sterilization cost and time. Shanks are made of high performance polymer. Silicone carbide particles embedded in a specially formulated silicone matrix enable a high gloss finish. Compatible with all porcelain and metal restorations, which eliminates the need for multiple polishing systems. 2-step system to smooth and polish quickly. Convenient selection of Jazz porcelain and metal polishers for single-patient use in a 12-piece assortment pack.
Kit Reorder No. 89021

Express Line Metal Lab Kit



Kit Contents:
(1) EL1
(1) EL2
(1) EL3
(1) EL4
(1) EL5
(1) FG7006

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

Jazz® Lab Zirconia Polishing Kit

NEW PRODUCT

Kit Contents:
(1) Jazz® Lab Polisher 89136
(1) Jazz® Lab Polisher 89140
(1) Jazz® Lab Polisher 89142
(1) Jazz® Lab Polisher 89143
(1) Jazz® Lab Polisher 89146
(1) Jazz® Lab Polisher 89147
(1) Jazz® Lab Polisher 89150
(1) Jazz® Lab Polisher 89151

The SS White® Lab Zirconia Polishing Kit has been developed to create the final luster for use on layered and monolithic zirconium oxide restorations. One of the keys to adjusting and polishing these materials is to perform the tasks quickly and without creating excessive heat. Kit Reorder No.16405

SS White® Universal Bur Blocks

Item #16410 - Blue

Item #16411 - Bordeaux

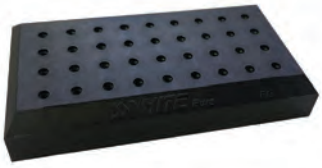
Item #16415 - Black

Each Universal Block can be autoclaved and can accommodate a full range of shank lengths including surgical length and short shank instruments. SS White® has teamed up with dental clinicians like yourself to organize the tools that inspire dental masterpieces everyday. Our innovative rotary instrument cabinets and universal bur blocks help improve chair side efficiency and inventory control. With the right rotary instruments at your fingertips you can focus your talent on the dental masterpiece at hand.

Bur Accessories

Bur Blocks & Brushes

Wire
Cleaning Brush
(Autoclavable)
#26040



FG
Thermo Block
(Autoclavable)
#16392

HP/RA
Thermo Block
(Autoclavable)
#16407

Shank Types

FG (Friction Grip)

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

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

SS (FG Short Shank)

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

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

FG SL (FG Surgical Length)

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

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

RA (Right Angle)

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

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

RA SL (Right Angle Surgical Length)

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

HP (Hand Piece)

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

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

Carbide Burs - Maximum Head Diameters in Millimeters & Inches

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

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

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

CARBIDE Burs

INSTRUCTIONS FOR USE

CARBIDE Burs

Carbide Burs are available in Sterile and Non-Sterile models under various trade names with numerous head diameters and working lengths. The devices are reusable and are sterilized using steam sterilization in a gravity or prevacuum cycle.

Description

The Dental Bur family includes Clinical Carbides and Laboratory Carbides. A CARBIDE dental bur is a rotary cutting device made of stainless steel, the working end of which is made from tungsten carbide, and which is designed to fit into a dental handpiece. Alternatively, the device may be constructed wholly from tungsten carbide. CARBIDE Burs are reusable devices.

Intended Use

CARBIDE Burs fit into a dental handpiece, which provides the rotation, allowing the user to cut hard structures in the mouth, e.g., teeth or bone. CARBIDE Burs can also be used to cut hard metals, plastics, porcelains and similar materials.

Warnings and Precautions

Warning: Attention should be paid to the speed of work (RPM)

- Always refer to the product packaging for the Maximum RPM
- Operating a bur with too high of an RPM may generate undesirable heat
- Operating a bur with too high of an RPM may cause the bur to fail
- CARBIDE Burs must be thoroughly cleaned and steam sterilized prior to the first use and each subsequent reuse
- CARBIDE Burs labeled “Sterile” require no further action prior to first use but must be thoroughly cleaned and steam sterilized prior to each subsequent reuse
- If the packaging for “Sterile” labeled devices is opened or damaged, the device must be thoroughly cleaned and steam sterilized prior to use and each subsequent reuse
- Do not use chemical or dry heat to sterilize CARBIDE Burs, as these processes have not been validated for use
- Do not use worn-out or dull burs
- Do not apply excessive pressure on the bur as this could cause undesirable heat or may cause the bur to fail
- Avoid removing the bur at too sharp an angle to avoid leverage and breakage
- Carefully read package labels to ensure use of the appropriate device
- Ensure the bur is fully seated and securely gripped in the handpiece collet prior to use
- Move the bur continuously when in use to avoid localized heating and/or damage to the bur
- Maintain handpieces in good working condition to ensure maximum effectiveness of the device
- Use a rubber dental dam while using CARBIDE Burs to avoid possible aspiration or swallowing
- Always wear gloves when handling contaminated instruments
- Eye protection must be worn to protect against eject particles
- Surgical masks must be worn to avoid inhalation of any aerosol or dust generated
- Bur Blocks used to hold the devices for storage and steam sterilization are not intended to maintain sterility of the device

General Instructions

1. The device is to be used on the instruction of, or by a dentist or other licensed practitioner.
2. Clean and sterilize non-sterile burs in accordance with the validated procedures provided below prior to first use and prior to each reuse.
3. Do not force bur into the handpiece. In case of difficult access, check both handpiece turbine and bur and refer to handpiece instructions for troubleshooting.

Cleaning and Sterilization Instructions

Scope

These instructions are applicable to all Carbide Dental Burs. They are applicable before initial use and after each subsequent use. Carbide Burs are provided mechanically clean, but are not sterile (unless labeled "STERILE"). Therefore, Carbide Burs should be sterilized before first use.

Warnings

1. Cleaning agents with chlorine or chloride as the active ingredient are corrosive to stainless steel and must not be used. Cleaning agents with neutral pH are recommended.
2. Do not use Cold Sterilizing Methods for the sterilization of Carbide Burs. These agents often contain strong oxidizing chemicals that may dull or weaken Carbide Burs.

Reprocessing Limitations

The end of life is determined by wear and damage in use. Carbide Burs should be inspected for defects (i.e. broken tips, broken sections on flutes, etc.) during the cleaning process.

Point of Use

Delay in reprocessing must be kept to a minimum to avoid contaminants drying thereby making cleaning more difficult.

Containment/ Transportation

Carbide Burs can be transported wet or dry and should be protected from damage. If transported wet there is an increased chance of staining or corrosion. Prolonged storage in disinfectant solutions may result in degradation of the product and must be avoided.

Manual Cleaning Procedure

If hand cleaning is the only available option, Carbide Burs should be cleaned in a sink reserved for cleaning instruments.
Rinse the Carbide Bur (and dedicated instrument block, if applicable) under cool running water for at least one (1) minute.

Prepare a fresh bath of neutral-pH cleaning solution. Follow the agent's manufacturer's instructions. Immerse the Carbide Bur (and instrument block) and soak for at least ten (10) minutes.

After soaking, and keeping it immersed, brush thoroughly away from the body using the neutral cleaning agent for at least one (1) minute. Care should be taken to avoid spreading contaminants by spraying or splashing during the brushing process. Use wire brushes with caution as brass particles may result in galvanic corrosion and steel particles may cause discoloration of stainless steel.

Special care should be taken to clean crevices and other hard-to-reach areas thoroughly. Visually inspect to confirm the removal of debris. Repeat the cycle if needed.

Thoroughly rinse the Carbide Bur (and instrument block) under running warm water for at least one (1) minute and until visibly clean.

Dry the device using a non-shedding wipe or clean compressed air.

Ultrasonic Cleaning Procedure

Prepare a fresh pH-neutral cleaning solution; place the Carbide Bur in the dedicated instrument block (if applicable) and then place in a sonication unit. Follow the agent manufacturers' instructions for correct concentration, exposure time, temperature, and water quality. Completely submerge the device in the cleaning solution and sonicate for at least fifteen (15) minutes.

Perform a final thorough rinse of the device and instrument block (if applicable) under running warm tap water for at least (1) minute.

Visually inspect to confirm the removal of debris. Repeat the cycle if needed. Dry the device using a non-shedding wipe or clean compressed air.

Inspection Testing

1. Carefully inspect each device to ensure that all debris has been removed.
2. Visually inspect the device for damage/ wear that would prevent proper operation.
   a. Do not use if the tip is broken.
   b. Do not use if there is a broken section of a flute.
   c. Do not use if there is evidence of corrosion.

Packaging

Singly: Pack the Carbide Bur in pouches validated for sterilization In Sets: Place the Carbide Bur in the dedicated instrument block.

Sterilization

Use the following cycle for steam sterilization

Cycle Type	Minimum Sterilization Exposure Time (minutes)	Minimum Sterilization Exposure Temperature	Minimum Dry Time (minutes)
Gravity	10	135°C (275°F)	30
Pre-Vacuum (4 Pulses)	3	134°C (273°F)	30

Ensure that the sterilizer manufacturer's maximum load is not exceeded.

Storage

The Carbide Bur should be stored in the sterilization pouch (or instrument block) until required.

Additional Information

These processes have been validated as being capable of preparing Carbide Burs for reuse.
Any deviation from these instructions should be properly validated for effectiveness and potential adverse results.

Risk if re-used, even when properly used cutting ability will be compromised after initial use.

Important Instructions for Use

Please remember that the SS White® SmartBurs®II Instrument is especially designed to remove only decayed material after you have created access using another instrument.

The patented1 SS White® SmartBurs®II Instrument is designed not to cut or remove enamel, composite, amalgam or healthy dentin. The instrument dulls when it comes in contact with these harder substances. As a result it is designed to conserve healthy tooth structure, and protect against iunintentional pulp exposures.

Important Steps When Using SmartBurs®II Instruments

1) Create direct access to decay using appropriate carbide burs; then switch to a SS White® SmartBurs®II Instrument to excavate carious dentin. Depending on the Class of cavity presented, enamel access can be made using SS White® Fissurotomy® burs, air abrasion systems, or other carbide bur shapes appropriate to the location and shape of the carious lesion.

2) Use your SS White® SmartBurs®IIInstrument with your existing slow-speed handpiece. Use your slow-speed handpiece at 5,000 to 10,000 RPM to remove decayed dentin. Note: Using the SmartBurs®II at the lower end of this range (5,000) will extend the service life of the instrument.

3) Begin decay removal with a circular, light brush stroke. Start in the center and top of the carious lesion, working your way to the periphery. Return to the center and proceed down into the decay after top layers are removed, taking care to reduce contact with the axial walls.

4) When the SS White® SmartBurs®II Instrument contacts healthy dentin, you will tactilely sense a vibration, as the instrument is unable to cut healthy tissue. Note: Prolonged contact with enamel or restorations will rapidly degrade the SS White® SmartBurs®II Instrument's working end.

5) After repeated contact with healthy tissue, the polymer edges of the SS White® SmartBurs®IIInstrument will roll and become deformed. You will feel tactile smoothness when the instrument is spent.

6) Verify caries removal with an explorer and/or caries dye*. If needed, use a fresh SS White® SmartBurs®II Instrument to remove any remaining decay and verify caries removal again.

7) When decay is completely removed, fill the cavity with a restorative of your choice. Dispose of the used SS White® SmartBurs®II Instrument.

* Caries dyes may be useful in assessing dentin decay removal. In general, brightly red stained dentin is highly softened and highly infected, and indicated for removal. Lighter pink staining dentin may be affected or healthy tissue and should be inspected with an explorer to assess the need for removal.

ASSESSING CARIES REMOVAL

Natural dentin staining within a carious lesion (tan, brown, black) may be healthy or caries affected dentin that does not need to be removed. Using your explorer in dentin is a generally accepted method to verify caries removal.

When working in deep carious lesions it is often difficult to detect the amount of remaining healthy dentin adjacent to the pulp and the risk of pulp exposure becomes a concern. SS White® SmartBurs®II instruments can help you protect against unintentional pulp exposure.

REORDER INFORMATION

Description	SIZE	ORDER NO.	UNIT OF SALE
SmartBurs®II	RA #4	52004	Pkg. of 10
SmartBurs®II	RA #6	52006	Pkg. of 10
SmartBurs®II	RA #8	52008	Pkg. of 10
SmartBurs®II Combo Pack	RA #4 RA #6 RA #8	52010	Pkg. of 25 5 Each RA #4 10 Each RA #6 10 Each RA #8

WARNINGS:
SS White® SmartBurs®II Instruments may not be appropriate for all patients under all circumstances, so professional judgment and discretion should be exercised at all times. SS White® SmartBurs®II Instruments should be used only by licensed dental professionals with appropriate levels of clinical experience and training. Caution and care should be utilized at all times. Treatment options and techniques outlined in this insert are suggestions only and may not be appropriate for all patients. Some patients may experience discomfort if anesthesia is not administered prior to treatment or if excess levels of force are applied during treatment. Vibration and other side effects may be reported by some patients and treatment results may vary. Dentists must apply appropriate levels of force when using SS White® SmartBurs®II Instruments. Excessive force can cause premature wear and tear to the instruments. Use your professional judgment.

DISCLAIMER OF WARRANTIES:
SS White® SmartBurs®II Instruments are provided without warranties of any kind, as-is and with all faults, SS White® Burs, Inc., its agents, affiliates and representatives ("SS White"), hereby disclaim all warranties, express or implied, regarding SS White® SmartBurs®II Instruments, including, without limitation, warranties of merchantability, non-infringement and fitness for a particular purpose.

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

1. U.S. Patent Nos. 6,106,291 and 6,347,941

DIAMOND INSTRUMENTS

INSTRUCTIONS FOR USE

Description

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

SAFETY IN USE - Read precautions carefully:

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

DIAMOND INSTRUMENT - guidance for maximum RPM:

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

INSTRUCTIONS FOR CLEANING AND STERILIZING DENTAL ROTARY INSTRUMENTS

Diamond instruments are available non-sterile. Non-sterile burs are recommended to be cleaned and sterilized before first use and each subsequent use.

Containment at the Point of Use

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

CLEANING, DRYING AND INSPECTION PROCEDURE MANUAL CLEANING:

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

Automated Cleaning

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

If using an autoclave without a pre-vacuum cycle, the diamonds should not be packed or wrapped but should be contained in dedicated diamonds stands with perforated lids.
NOTE: Local legislation may require that diamonds are wrapped in pouches for processing in either type of autoclave.

Sterilization

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

Manufacturer has validated steam sterilization in an autoclave without a pre-vacuum cycle (gravity displacement type) for a holding time of six minutes at a temperature of 134 °C. The holding time is the minimum time for which the minimum temperature is sustained.
NOTE: Local infection control practice may recommend a different combination of holding time and temperature.

Storage

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

Validation of Cleaning and Steam Sterilization

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

INSTRUCTIONS FOR USE

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

JAZZ® POLISHERS SUPREME
COMPOSITE 1-STEP UNIVERSAL POLISHING SYSTEM

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

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

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

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

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

JAZZ® POLISHERS C2S
COMPOSITE 2-STEP POLISHING SYSTEM

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

Indications: High-luster polishing of all composite restorations.

Directions for use:

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

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

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

JAZZ® POLISHERS C1S
COMPOSITE 1-STEP SINGLE-PATIENT POLISHING SYSTEM

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

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

Directions for use:

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

Disposable tool NOT for Reuse.

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

JAZZ® POLISHERS P3S
PORCELAIN & METAL 3-STEP POLISHING SYSTEM

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

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

Directions for use:

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

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

JAZZ® POLISHERS P2S
PORCELAIN & METAL 2-STEP SINGLE-PATIENT POLISHING SYSTEM

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

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

Directions for use:

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

Disposable tool NOT for Reuse.

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

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

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

Cleaning Instructions:

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

SS White® - Roland Cad Cam Milling Bur Application Guide

To ensure seamless use of the SS White® Cad Cam milling burs, please consult our application guide to select the correct tools for use in your Roland dental mill according to the model and material to be milled. Consult the Roland dental mill manufacturer instructions to insure proper use of the milling burs.

Equally important is selecting the correct tool set within your software package. SS White® tools are designed to ensure plug and play functionality when used with factory default specifications (feed, speed, and dimensions). If there is any uncertainty about the dimensional match between the tool and tool library, measure and compare tip lengths prior to use. Failure to do so could damage the tool, substrate and or machine.

SSW Item #	Type	Head Diam.	Shank Diam.	Cutter Design	Machine	Material
DURADI™ DIAMOND COATED CAD/CAM CARBIDES						
 SSWROL-034050-20-02	DuraDi™	.3mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia, Some Composites
 SSWROL-064050-20-02	DuraDi™	.6mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia, Some Composites
 SSWROL-084050-20-02	DuraDi™	.8mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia, Some Composites
 SSWROL-104050-20-02	DuraDi™	1mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia, Some Composites
 SSWROL-204050-20-02	DuraDi™	2mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia, Some Composites
LAZER SHARP™ UNCOATED CAD/CAM CARBIDES						
 SSWROL-034050-20-01	Lazer Sharp™	.3mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia
 SSWROL-064050-20-01	Lazer Sharp™	.6mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia
 SSWROL-084050-20-01	Lazer Sharp™	.8mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia
 SSWROL-104050-20-01	Lazer Sharp™	1mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia
 SSWROL-204050-20-01	Lazer Sharp™	2mm	4mm	2 Flute Ball End	Roland DWX-4,DWX-50, 51D, 52DC	PMMA,Wax,Zirconia

EndoGuide® Reference

INSTRUCTIONS FOR USE

EndoGuide® Burs are a unique series of eight burs for non-surgical root canal treatment. Specifically designed to maximize efficiency during endodontic exploration and access while conserving healthy tooth structure. The patented[1], conical shaped micro-diameter tip of the EndoGuide® Burs acts as a self-centering guide to permit straight-line access to canals. EndoGuide® Burs blade design functions to effectively polish the dentin surface as it cuts, making visual dentin mapping easier and canal identification more precise. Two EndoGuide® kits address the specific endodontic needs of Anterior/Bicuspid teeth and Molar teeth. Individual EndoGuide® Burs are also available (See Table A).

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

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

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

Operational Instructions

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

Initial Access Through Restorations/Tooth Surfaces

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

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

Endodontic Access and Exploration

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

Precautions

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

WARNINGS

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

LIMITATION OF LIABILITY

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

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

Bur # SSW Order #	Bur Phohtograph	Head Length (mm)	Tip Diameter (mm)	Back Diameter (mm)	Reorder Package Size	Included in: Anterior/Bicuspid Kit #18052	Included in: Molar Kit #18051	Recommended Applications
EG1A # 35758	 SLFG* Length = 27mm	2.5	0.33	1.07	5-pk	YES	NO	• Initial access in non-restored anterior and bicuspid teeth
EG1 # 35759	 SLRA* Length = 27mm	3.5	0.28	0.71	5-pk	YES	YES	• Deep troughing • Deeper orifice enlargement and calcified canals
EG2 # 35760	 SLRA* Length = 27mm	2.5	0.33	1.07	5-pk	YES	YES	• Stone removal, coronal troughing • Deep orifice enlargement and calcified canals
EG3 # 35761	 SLFG* Length = 27mm	1.5	0.28	0.71	5-pk	YES	YES	• Initial access for small incisors • Troughing and navigating calcified canals
EG4 # 35762	 SLFG* Length = 29mm	3.5	0.28	0.71	5-pk	NO	YES	• Deep troughing • Navigating super ovoid and calcified canals
EG5 # 35763	 XLRA* Length = 34mm	1.5	0.28	0.71	5-pk	NO	YES	• Deep troughing • Retrieving separated instruments • Navigating deeply calcified canals
EG6 # 35764	 XLRA* Length = 34mm	2.5	0.28	0.71	5-pk	NO	YES	
EG7 # 35765	 XLRA* Length = 34mm	1.5	0.33	1.07	5-pk	NO	YES	
SS White Great White® Carbides and Diamonds:								
GW2 # 18062-5 # 300059	 FG Length = 19mm	4.0	N/A	1.19	5-pk 50-pk	YES	NO	• Metal crown access or removal • Amalgam restoration and decay removal • Molar initial access and de-roofing
GWZ 856-018 (Round End Cone) # 350171	 FG Length = 22mm	8.0	1.10	2.2	10-pk	YES	NO	• Ceramic/zirconia crown removal • Molar initial access
GWZ 801-018 (Round) # 350173	 FG Length = 19mm	1.8	N/A	1.90	10-pk	YES	NO	• Initial access through ceramic/zirconia crowns • Molar initial access

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

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

Storage and Sterilization

Instructions for Use

Storage and Shelf Life of Pre-Sterilized Products

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

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

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

Warnings:

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

Cleaning:

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

Sterilization:

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

Storage:

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

Validation:

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

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