

DCTAPER^H

DENTIN CONSERVATION FILE SYSTEM



The Shape of
Minimally Invasive Endodontics

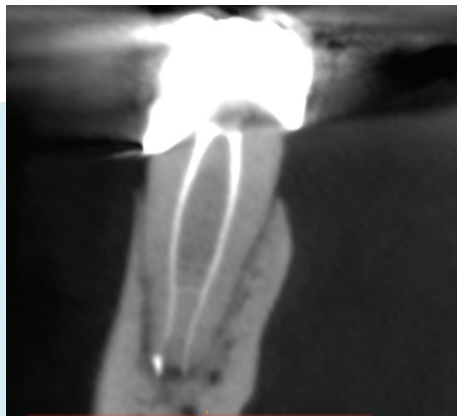


SSWYTE Dental[®]

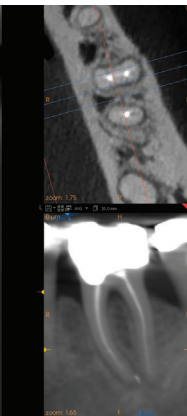
Better Patient Outcomes
Improved Efficiency
Faster Practice Growth

Often Imitated NEVER Duplicated

DCTaperH™ Files: Designed to Conserve Vital Pericervical Dentin



PostOp. CBCT-
Isthmus Anatomy



PostOp. Final Staging -
DCTaper 14/V04 with
GW. One-step.

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.*

Root anatomy does not have constant or straight tapers, they are variable; this is the basis for the variable taper design.

Non-Cutting Tip

Safeguards 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

Variable Taper Design Preserves Healthy Pericervical Dentin

- DCTaper™ File System encompasses an anatomic design that shapes the canal while preserving pericervical dentin by closely mirroring the natural shape of the root
- DCTaper™ instruments have a variable decreasing rate of taper going from tip to shaft

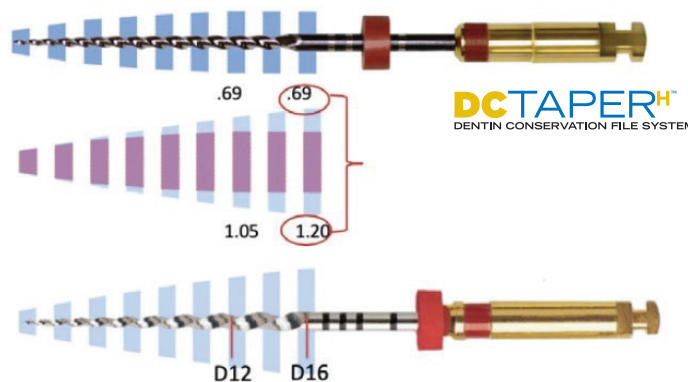
Flexibility Through Safe-Core Parabolic Design

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

** Data on File*

Conservative Coronal Preparation Deep Apical Shaping While Preserving Coronal Tooth Structure... 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.



Designed and Optimized for Advanced Irrigation Technologies

DCTaperH™ endodontic files are designed to offer the perfect instrumentation for staging and preparing the tooth for energized root canal procedures and advanced Multisonic Ultracleaning®.

Endodontic 3.0 NIE Dentin Conservation Technique

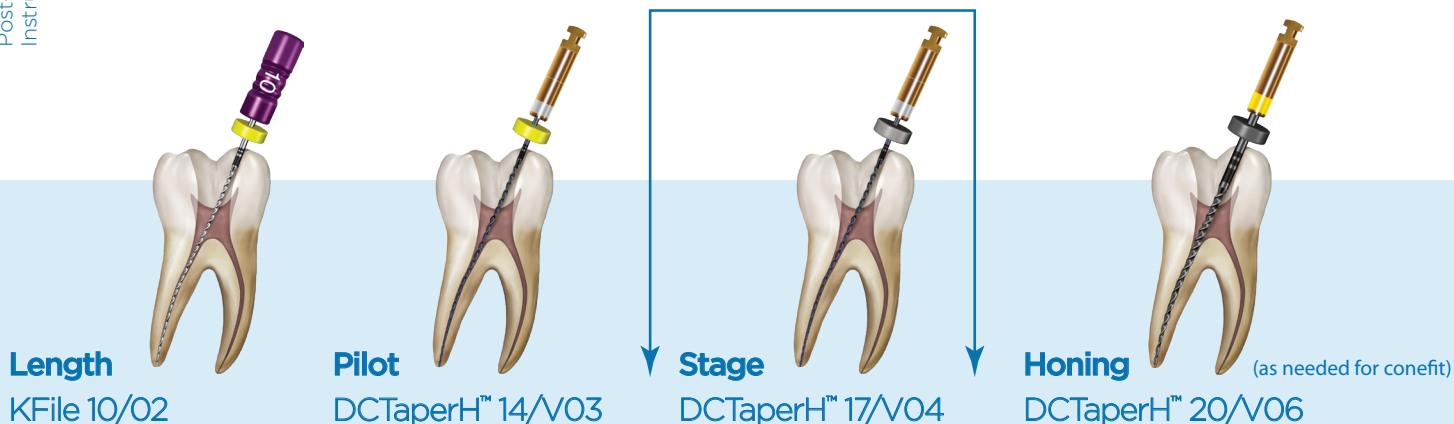
Pre-Cycle
Instrumentation

LENGTH FILE	#10 HAND FILE
PILOT FILE	DCTaperH™ 14/V03
STAGING FILE	DCTaperH™ 17/V04

Post-Cycle
Instrumentation

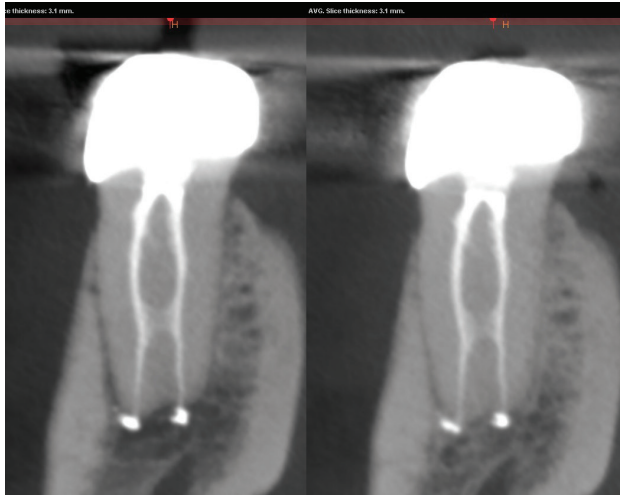
GW CYCLE	
HONING FILE	DCTaperH™ 20/V06

Run GW cycle here
or here as desired



1. Recommended speed is 100–200 rpms and torque at 465 cm-g or 4.5 N-cm or Higher.
2. Begin with a 10/02 hand file and take to working length.
3. Proceed with DCTaperH™ to full working length
4. Proceed with DCTaperH™ 17/V04 up to full working length if desired
5. Run GentleWave® Cycle.
6. Obtainate with XF (14/V03) or FF (17/V04)
7. If the FF Cone does not reach working length insert the 20/V06 Honing file to working length. Then reinsert the FF cone to working length and trim the cone if needed to achieve tug back.

Case #30



Diagnosis:

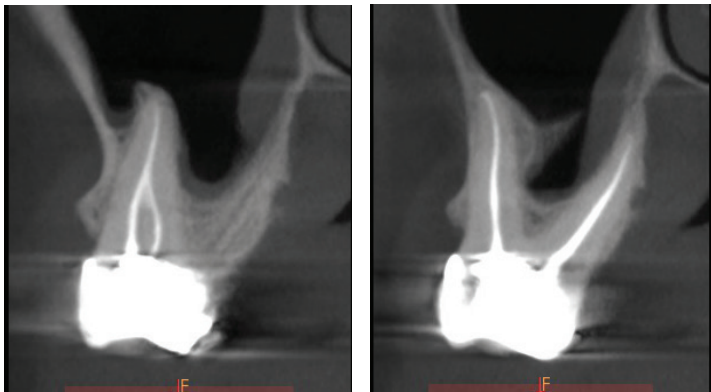
Pulp necrosis with chronic apical periodontitis. Treatment was completed in a single visit with Sonendo® CleanFlow™.

Access was made to a necrotic pulp. Working length was determined with a #10 hand file, and was easily obtained in MB, ML and D canals, and with some effort in the DL root (radix). The tooth was staged for the GW procedure by:

1. Immediately following the 10# length file in the MB, ML, D and DL with an SSW DCTaperH™ 14/V03 to full EAL tone ensuring the shape of the canal was at least a 14/V03
2. No orifice opening flaring/preflaring was performed.

A Sonendo CleanFlow™ PI was applied, the extended cycle run. Canals were obturated with bioceramic sealer and an amalgam corebuildup was placed. At 24hrs the patient reported “I hesitate to even call it pain.” At 48hr and 7day po the patient reported “No pain.” CBCT shows postop and followup.

Case #2



Diagnosis:

Irreversible pulpitis with SAP. Treatment was completed in a single visit with Sonendo® CleanFlow™.

Access was made to a partially necrotic pulp. Working length was determined with a #10 hand file, and was easily obtained in MB, DB and P canals, and with minimal effort in the MB2 canal. The tooth was staged for the GW procedure by:

1. Immediately following the 10# length file in the MB2 with an SSW DCTaperH™ 14/V.03 to full EAL tone ensuring the shape of the canal was at least a 14/V03
2. The MB/DB/P were gauged and verified with at 17/V04 .i.e. no rotary instrumentation was used. The MB/DB/P were naturally larger than a 17/V04 and thus did not require shaping.
3. No orifice opening flaring/preflaring was performed.

A Sonendo® CleanFlow™ PI was applied, the extended cycle run. Canals were obturated with bioceramic sealer and an amalgam corebuildup was placed. 24hr, 48hr and 7day po the patient reported “The tooth is perfect. No pain.” FGC placed. CBCT shows postop and followup.

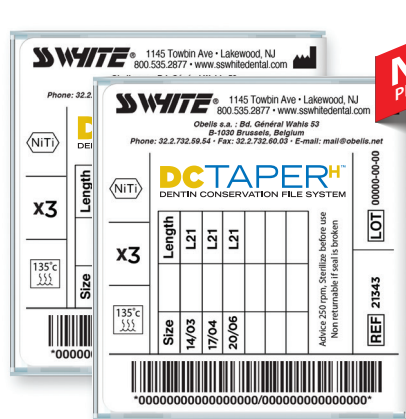
*Technique and images courtesy of
Dr. John Khademi, Endodontist,
Durango, Colorado*

Introducing multisonic^{*} cleaning into your practice?

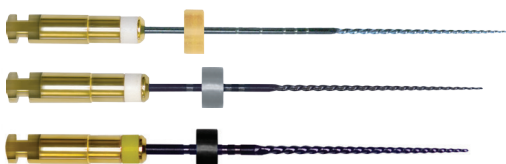
Now you have a powerful unit that provides you with unmatched canal disinfection, reduces your access size and final root shapes.

The new advanced irrigation procedure staging kit is everything you need to complete these procedures with confidence.

*Multisonic Ultracleaning and CleanFlow™ are registered trademarks of Sonendo Inc.



Advanced Irrigation Procedure Staging Kit



21 mm Procedure Kit - 21343

21 mm 14/V03 • 21 mm 17/V04 • 21 mm 20/V06

25 mm Procedure Kit - 21344

25mm 14/V03 • 25 mm 17/V04 • 25 mm 20/V06

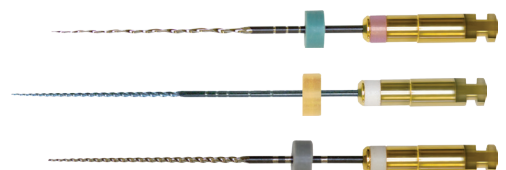
Sold in Packs of 3

DCTaperH™ File System:

- Non-heat treated file ideal for retreatment
- Deep apical shape creates better access for irrigation and cleaning, and 3D obturation
- Variable taper design creates conservative coronal shape, preserves dentin
- Strongest tested file system on the market*

*Independent research on file.

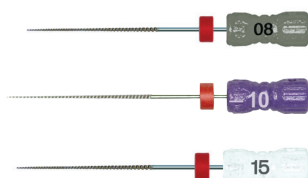
Rotary Files DCTaper™ NiTi Rotary Files



Size	Order # 21mm	Order # 25mm	Pkg Size
13/V03	21317	21318	6 PACK
14/V03	21364	21365	6 PACK
17/V04	21301	21309	6 PACK

DCTaperH™ NiTi rotary files, make the transition from glide path development to shaping seamless. Used together, the DCTaperH™ File System offers clinicians the ability to develop safe and predictable canal patency and follow with both, deep apical shaping and conservative coronal shaping.

Hand Files SS White® Stainless Steel K-File



Size	Order # 21mm	Order # 25mm	Pkg Size
8/02	21213	21214	6 PACK
10/02	21203	21208	6 PACK
15/02	21215	21216	6 PACK

	Size	21mm	25mm	Qty.	Recommended SS White Accessory Cones Gutta Percha			Recommended SS White Paper Point		
					Size	Pk.	Size Order #	Size	Pk.	Size Order #
Glide Path	13/V03	21317	21318	6-Pk.	-	-	-	-	-	-
	14/V03	21364	21365	6-Pk.	XF	-	#200001	-	-	-
	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	21322	21322	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

"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



DCTAPERH™
DENTIN CONSERVATION FILE SYSTEM

DCTaperH™ NiTi Rotary
File System

This performance-enhanced system is designed for easy, safe and more efficient shaping.

- Deep apical shape creates better access for irrigation and cleaning, and 3D obturation
- Variable taper design creates conservative coronal shape, preserves dentin
- 1-2 files per case, lowest cost for shaping per procedure
- Strongest tested NiTi file system on the market*

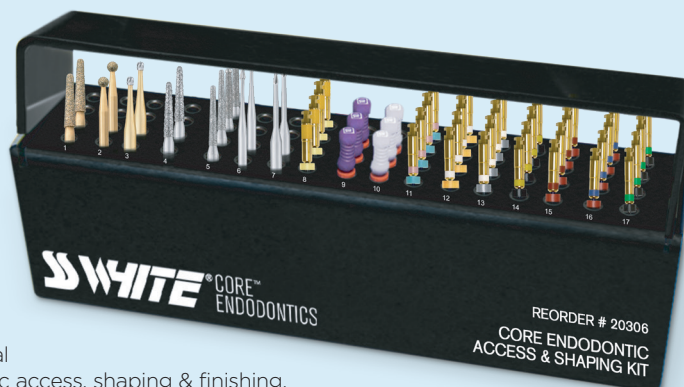
Heat Treated for Increased Flexibility and Strength

SS White® Endodontic Access & Shaping Kit

Features the

DCTAPERH™
DENTIN CONSERVATION FILE SYSTEM

Designed to preserve dentin and create longer lasting restorations, the new SS White® Endodontic Kit includes the ideal combination of instruments necessary completion of endodontic access, shaping & finishing.



ORDER# 20306