



ENDO SYSTEM PREPARATION ROTARY FILES

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Only One Gold

Tapered Design:

Follow the minimally invasive root canal preparation concept of small taper and large apical size, avoid excessive dentin removal caused by over-tapered instruments, and improve the fracture resistance of teeth.

Cross-Section:



Covers a wider range of canal morphologies:

It adopts a gold heat treatment process, which enhances its resistance to cyclic fatigue.

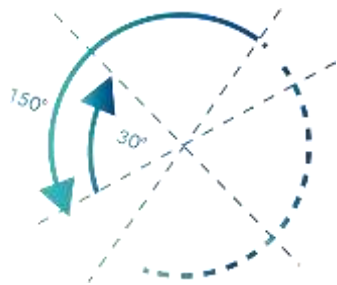
Shortens the shaping time:

This significantly improves cutting efficiency, requiring only one file per treatment, saving time in root canal preparation and irrigation.



Protocol For Use

- 1. Coronal preparation by using DSX.
- 2. Use Only One Gold Glider to full working length.
- 3. In small canal use 25 to full working length , if resistance go to small size 20 and go back to 25.
- 4. In medium canal use 35 to full working length.
- 5. In large canal use 45 to full working length.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.



Material : Nickel-titanium alloy
Color: Gold
Length: 21,25,31mm
Packing: 4pcs, single/assorted

Color				
Size	20#	25#	35#	45#
Taper	07	07	06	05
Speed	350rpm	350rpm	350rpm	350rpm
Torque	2.0~3.0N·cm	2.0~3.0N·cm	2.0~3.0N·cm	2.0~3.0N·cm

Only One

Tapered Design:

Follow the minimally invasive root canal preparation concept of small taper and large apical size, avoid excessive dentin removal caused by over-tapered instruments, and improve the fracture resistance of teeth.

Cross-Section:

Covers a wider range of canal morphologies:

Enhances its resistance to cyclic fatigue.

Shortens the shaping time:

This significantly improves cutting efficiency, requiring only one file per treatment, saving time in root canal preparation and irrigation.



Protocol For Use

- 1. Coronal preparation by using DSX.
- 2. Use Only One Gold Glider to full working length.
- 3. In small canal use 21 to full working.
- 4. In medium canal use 25 to full working length.
- 5. In large canal use 40 to full working length.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Silver
Length: 21,25,31mm
Packing: 3pcs, single/assorted

Color			
Size	21#	25#	40#
Taper	06	08	08
Speed	350rpm	350rpm	350rpm
Torque	3.55N·cm	3.55N·cm	3.55N·cm

Reciproc-V-Blue

Description:

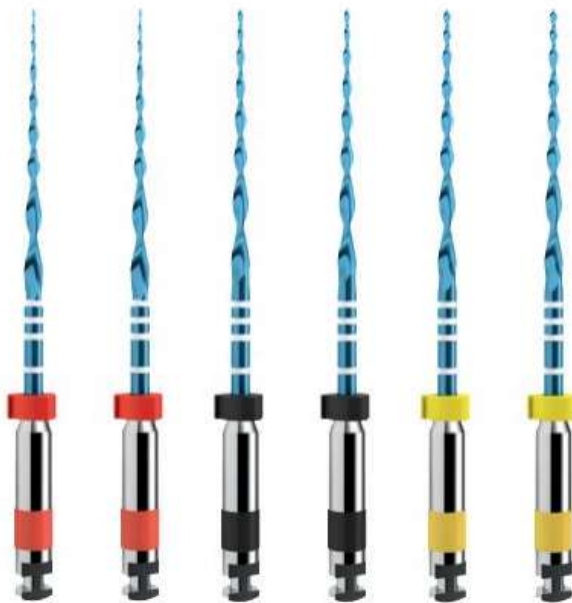
V-Blue instruments are produced with Nickel-Titanium that goes through an innovative heat treatment, modifying its molecular structure to give it increased resistance to cyclic fatigue and additional flexibility as well as its characteristic blue color.

Cross-Section:



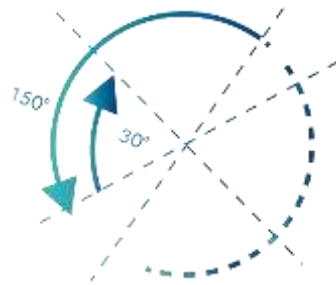
Product Highlights:

- 1.The instrument progresses smoothly into the canal thanks to the heat treated NiTi alloy.
- 2.It is possible to prebend the instrument for an easier access to the canal.
- 3.The instrument follows the natural canal anatomy smoothly thanks to its blue heat treatment making the file more flexible.
- 4.The flexibility obtained by the blue heat treatment improves the centering abilities of the instrument to reduce canal transportation



Protocol For Use

- 1.Coronal preparation by using DSX.
- 2. In small canal use 25 to full working length.
- 3.In medium canal use 40 to full working length.
- 4. In large canal use 50 to full working length.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.



Material : Nickel-titanium alloy
Color: Blue
Length: 21,25,31mm
Packing:6pcs,single/assorted

Color			
Size	25#	40#	50#
Taper	08	06	05
Speed	250-350rpm	250-350rpm	250-350rpm
Torque	3.55N·cm	3.55N·cm	3.55N·cm

Reciproc-V-Silver

Description:

One instrument only can prepare a root canal.
Effective with less steps time saving . Special screw thread , reciprocating motion.

Cross-Section:



Product Highlights:

- 1.The instrument progresses smoothly into the canal thanks to NiTi alloy.
- 2.It is possible to prebend the instrument for an easier access to the canal.
- 3. Improves the centering abilities of the instrument to reduce canal transportation.



Protocol For Use

- 1.Coronal preparation by using DSX.
- 2. In small canal use 25 to full working length.
- 3.In medium canal use 40 to full working length.
- 4. In large canal use 50 to full working length.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Silver
Length: 21,25,31mm
Packing:6pcs,single/assorted

Color			
Size	25#	40#	50#
Taper	08	06	05
Speed	350rpm	350rpm	350rpm
Torque	3.55N·cm	3.55N·cm	3.55N·cm

PT-Files



Tapered Design:

Progressively tapered design serves to significantly improve cutting efficiency and safely.

Cross-Section:

The convex triangular cross-section enhances cutting action while decreasing rotational friction between the blade of the file and dentin.

Shocked Toughness:

200%~500% fracture resistance improved.

Protocol For Use

- 1. Use the DSX with a brushing motion to create a more coronal shape.
 - 2. Coronal 2/3 with 10 and 15 k hand file.
 - 3. Shaping S1 and S2 to full working length to shaping canal.
 - 4. Using F1 or F2 “non- brushing” movement to full working length to finishing canal.
 - 5. In large canal use F3,F4,F5 “non- brushing ” movement to full working length depending on the size of canal.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Silver
Length: 19,21,25,31mm
Packing:6pcs,single/assorted

Color								
Size	SX#19	S1#17	S2#20	F1#20	F2#25	F3#30	F4#40	F5#50
Taper	04	02	04	07	08	09	06	05
Speed	250-350rp m	250-350rp m	250-350rp m	250-350rp m	250-350rp m	250-350rp m	250-350rp m	250-350rp m
Torque	3.0N·c m	3.0N·c m	1.0N·c m	1.6N·c m	2.0N·c m	2.0N·c m	2.0N·c m	2.0N·c m

PT-Gold

Tapered Design:

The variable taper and variable thread design enhances chip removal efficiency, eliminates the cutting function at the tip, reduces step travel and the risk of apical deviation, improves root canal preparation efficiency, and better maintains the initial shape of the root canal.



Protocol For Use

- 1. Use the DSX with a brushing motion to create a more coronal shape.
 - 2. Coronal 2/3 with 10 and 15 k hand file.
 - 3. Shaping S1 and S2 to full working length to shaping canal.
 - 4. Using F1 or F2 “non- brushing” movement to full working length to finishing canal.
 - 5. In large canal use F3,F4,F5 “non- brushing ” movement to full working length depending on the size of canal.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Gold
Length: 19,21,25,31mm
Packing:6pcs,single/assorted

Cross-Section:

The convex triangular cross-section enhances cutting action while decreasing rotational friction between the blade of the file and dentin.

Shocked Toughness:

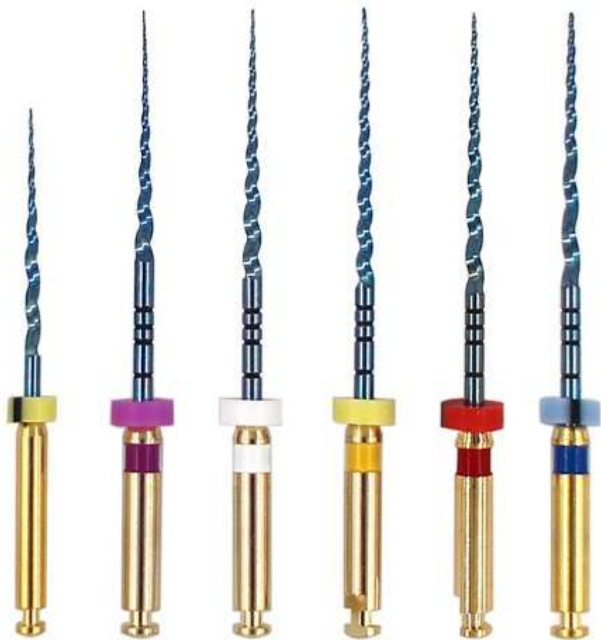
200%~500% fracture resistance improved.

Color								
Size	SX#19	S1#17	S2#20	F1#20	F2#25	F3#30	F4#40	F5#50
Taper	04	02	04	07	08	09	06	05
Speed	300-375rpm	300-375rpm	300-375rpm	300-375rpm	300-375rpm	300-375rpm	300-375rpm	300-375rpm
Torque	3.0N·cm	1.5N·cm	1.5N·cm	1.5N·cm	3.0N·cm	3.0N·cm	3.5N·cm	3.5N·cm

PT-Blue

Tapered Design:

The variable taper and variable thread design enhances chip removal efficiency, eliminates the cutting function at the tip, reduces step travel and the risk of apical deviation, improves root canal preparation efficiency, and better maintains the initial shape of the root canal. Blue heat-activated for greater softness and resistance to breakage.



Protocol For Use

- 1. Use the DSX with a brushing motion to create a more coronal shape.
 - 2. Coronal 2/3 with 10 and 15 k hand file.
 - 3. Shaping S1 and S2 to full working length to shaping canal.
 - 4. Using F1 or F2 “non- brushing” movement to full working length to finishing canal.
 - 5. In large canal use F3,F4,F5 “non- brushing ” movement to full working length depending on the size of canal.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Blue
Length: 19,21,25,31mm
Packing:6pcs,single/assorted

Cross-Section:

The convex triangular cross-section enhances cutting action while decreasing rotational friction between the blade of the file and dentin.

Shocked Toughness:

200%~500% fracture resistance improved.

Color								
Size	SX#19	S1#17	S2#20	F1#20	F2#25	F3#30	F4#40	F5#50
Taper	04	02	04	07	08	09	06	05
Speed	300-375rpm	300-375rpm	300-375rpm	300-375rpm	300-375rpm	300-375rpm	300-375rpm	300-375rpm
Torque	3.0N·cm	1.5N·cm	1.5N·cm	1.5N·cm	3.0N·cm	3.0N·cm	3.5N·cm	3.5N·cm

Rainbow-PT Files

Tapered Design:

The variable taper and variable thread design enhances chip removal efficiency, eliminates the cutting function at the tip, reduces step travel and the risk of apical deviation, improves root canal preparation efficiency, and better maintains the initial shape of the root canal. The rainbow colors have an additional nano-coating, making them more durable and wear-resistant compared to blue and gold.



Cross-Section:

The convex triangular cross-section enhances cutting action while decreasing rotational friction between the blade of the file and dentin.

Shocked Toughness:

200%~500% fracture resistance improved.

Protocol For Use

- 1. Use the DSX with a brushing motion to create a more coronal shape.
 - 2. Coronal 2/3 with 10 and 15 k hand file.
 - 3. Shaping S1 and S2 to full working length to shaping canal.
 - 4. Using F1 or F2 “non- brushing” movement to full working length to finishing canal.
 - 5. In large canal use F3,F4,F5 “non- brushing ” movement to full working length depending on the size of canal.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

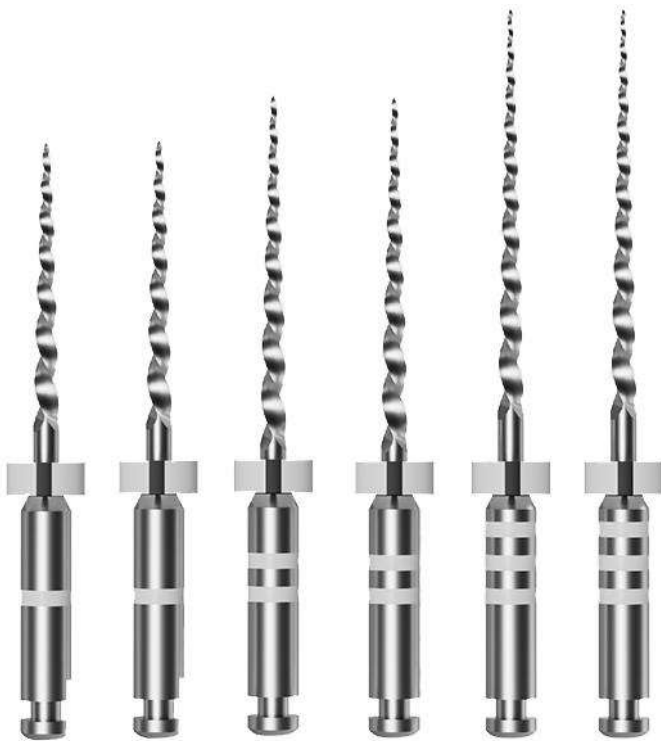
Material : Nickel-titanium alloy
Color: Rainbow
Length: 19,21,25,31mm
Packing:6pcs,single/assorted

Color								
Size	SX#19	S1#17	S2#20	F1#20	F2#25	F3#30	F4#40	F5#50
Taper	04	02	04	07	08	09	06	05
Speed	300-375rp m	300-375rp m	300-375rp m	300-375rp m	300-375rp m	300-375rp m	300-375rp m	300-375rp m
Torque	3.0N·c m	1.5N·c m	1.5N·c m	1.5N·c m	3.0N·c m	3.0N·c m	3.5N·c m	3.5N·c m

PT-Retreatment Files

Description:

PT-Retreatment Files are designed to be used in sequence to remove filing materials ,such as gutta-percha, carrier –based obturators and paste fillers.



Cross-Section:

Product Highlights :

- 1.Designed to be used in sequence to remove filling materials.
- 2.Three easily identified files are designed for the different needs of unfilling the canal before reshaping.
- 3.The D1 file has a working tip that facilitates initial penetration.
- 4.Each handle is no more than 11mm for better visibility.

Material : Nickel-titanium alloy
Color: Silver
Length: 16,18,22mm
Packing:6pcs,single/assorted

Protocol For Use

1. When the rotary removal method is utilized , select the lowest speed (500rpm) that will effectively engage and remove obturation material out of the canal.
2. Gently press the spinning RET O file into the gutta percha to create friction ,generate a heat wave ,and extract material out of the canal.
3. Remove the D1 file frequently, inspect the blades for obturation material and clean the debris from the flutes.
- 4.Continue with the D1 file , that fits passively between the dentinal walls , until gutta percha is removed from the coronal 1/3 of the canal.
5. Select the D2 file and extract obturation material from the middle 2/3 of the canal ,use brushing motion to remove material from the canal walls.
- 6.When appropriate ,choose the D3 file and lightly press into the more deeply positioned remove obturation material from the apical 1/3 of the canal.
- 7.When the obturation material is short of the canal terminus ,use small sized hand files to negotiate the rest of the canal.

Color			
Size	D1#30	D2#25	D3#20
Taper	09	08	07
Speed	250-500rpm		
Torque	2.0-3.0N·cm		

PT-Next

Description:

PT-Next rotary files feature variable taper performance , but add an off-centered ,rectangular cross section for increased file strength.

Cross-Section:



Product Highlights :

- 1.Rectangular cross-section design for greater strength.
- 2.Asymmetric Rotary (AR) Motion that further enhances PT canal shaping efficiency.
- 3.M-Wire NiTi alloy for increased flexibility and resistance to cyclic fatigue.



Protocol For Use

- 1.Coronal preparation by using DSX.
 - 2. Scout the whole root canal with small sized hand-files, if necessary , until full working length is passively reached.
 - 3. Use X1 in one or more passes, alternatively with small-sized hand files , if necessary , until full working length is passively reached.
 - 4. Use X2 ,exactly as described for X1.(To full working length)
 - 5. Use(X3,X4,X5)in large canal depending on the size of the canal.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Silver
Length: 21,25,31mm
Packing:3pcs,single/assorted

Color					
Size	X1#20	X2#25	X3#30	X4#40	X5#50
Taper	04	06	07	06	06
Speed	300rpm				
Torque	2.5-5.0N·cm				

PT-Next Gold

Description:

PT-Next rotary files feature variable taper performance , but add an off-centered ,rectangular cross section for increased file strength.

Cross-Section:



Product Highlights :

- 1.Rectangular cross-section design for greater strength.
- 2.Asymmetric Rotary (AR) Motion that further enhances PT canal shaping efficiency.
- 3.M-Wire NiTi alloy for increased flexibility and resistance to cyclic fatigue.



Protocol For Use

- 1.Coronal preparation by using DSX.
 - 2. Scout the whole root canal with small sized hand-files, if necessary , until full working length is passively reached.
 - 3. Use X1 in one or more passes, alternatively with small-sized hand files , if necessary , until full working length is passively reached.
 - 4. Use X2 ,exactly as described for X1.(To full working length)
 - 5. Use(X3,X4,X5)in large canal depending on the size of the canal.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Gold
Length: 21,25,31mm
Packing:3pcs,single/assorted

Color					
Size	X1#20	X2#25	X3#30	X4#40	X5#50
Taper	04	06	07	06	06
Speed	300rpm				
Torque	2.5-5.0N·cm				

Pro files(Vortex Blue)

Description:

Vortex Blue utilizes a unique approach in wire processing that increases cyclic fatigue resistance and improves torque strength. Due to this proprietary processing , Vortex Blue may appear slightly curved . While the file can be easily straightened using only your fingers , it is not necessary to straighten the file prior to use. Vortex Blue conforming to natural curvatures.

Cross-Section:

Product Highlights :

The convex triangular cross-section enhances cutting action while decreasing rotational friction between the blade of the file and dentin.



Protocol For Use

- 1. Coronal preparation by using DSX.
 - 2. Use crown down technique (use 30 or 35/.06 to 2/3 of the canal , then use 20,25.or 30/.04 to full working length of the canal,
 - 3. Another way of using is sequence the size of the rotary file start with Only One Gold Glider size , then use 20,25,30/.04 to full working length depending on the size of canal.
 - 4. Use size 35 or 40/.04 in medium canal to full working length.
 - 5. In large canal use taper 06.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Blue
Length: 21,25,31mm
Packing:6pcs,single/assorted

Color						
Size	15#	20#	25#	30#	35#	40#
Taper	04/06					
Speed	250-350rpm					
Torque	2.0-3.0N·cm					

Only One Gold Glider

Description:

Create your path with confidence ! Optimize your shaping preparation with a single reciprocating glide path file that is part of the Only One Gold Glider solution . Respects the natural shape of the canal.

Cross-Section:



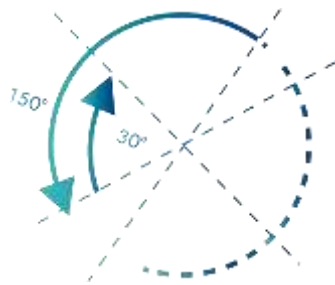
Product Highlights :

- 1.Optimized tip / Variable taper / GOLD thermal treatment
- 2.Increases patient safety with enhanced flexibility and resistance to cyclic fatigue preserves cutting efficiency, reduces breakage and prevents cross contamination .
- 3.Simplicity with only one glide path file.



Protocol For Use

- 1.Before using Only One Gold file, scout the canal with hand files, to at least k-file size 10.
 - 2.Use Only One Gold Glider 15/02 to full working length.
 3. In small canal use 25#(Only One Gold) to full working length, If resistance go to small size 20# (Only One Gold) and go back to 25# (Only One Gold).
 - 4.In medium canal use 35# (Only One Gold) to full working length.
 - 5.In large canal use 45# (Only One Gold) to full working length.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.



Material : Nickel-titanium alloy
Color: Gold
Length: 21,25,31mm
Packing:3pcs,single/assorted

Color	○
Size	15#
Taper	02
Speed	300rpm
Torque	/

Glide path files

Tapered Design:

Progressive thread design, gradually increasing thread spacing, large groove space, improving debris removal capacity

Cross-Section: 

Product Highlights :

The blunt design of the tip has strong centering ability, which can reduce the risk of step formation and apical deviation, and maintain the original shape of the root canal.



Protocol For Use

- 1.Before using Glide path files, scout the canal with hand files, to at least k-file size 10.
- 2.Use Only One Gold Glider 15/02 to full working length.
- 3. In small canal use 25#(Only One Gold) to full working length, If resistance go to small size 20# (Only One Gold) and go back to 25# (Only One Gold).
- 4.In medium canal use 35# (Only One Gold) to full working length.
- 5.In large canal use 45# (Only One Gold) to full working length.
- *Reconfirm working length , irrigate ,recapitulate, and re-irrigate ,especially in more curved canal.

Material : Nickel-titanium alloy
Color: Silver
Length: 21,25,31mm
Packing:3pcs,single/assorted

Color	
Size	16#
Taper	02
Speed	300-350rpm
Torque	2.0N·cm

Path File

Description:

Flexible and more resistant to cyclic fatigue, these files offer many advantages compared to manual stainless steel files. With increased flexibility and more resistance to cyclic fatigue, these files offer many advantages over manual stainless steel files:

- 1.Less canal transportation than with manual K-files.
- 2.Suitable for curved canals
- 3.More flexible than K-files.
- 4.Faster instrumentation time than with manual K-files.
- 5.Original canal anatomy is better preserved.

Path file substantially shortens preparation time for path gliding compared to manual stainless steel files.

Cross-Section: 



Protocol For Use

- 1.Establish a manual Glide Path with stainless steel K-File 08#, 10#.
- 2. Identify the working length with the 10# K-File.
- 3. Use the 13# to working length.
- 4. Use the 16# to working length
- 5. Use the 19# to working length
- 6. Irrigate in each step.
- 7. Before starting the canal shaping with NiTi rotary files (or another system), confirm your working length with a K-File 15#.

Material : Nickel-titanium alloy
Color: Silver
Length: 21,25,31mm
Packing:6pcs,single/assorted

Color			
Size	13#	16#	19#
Taper	02	02	02
Speed	325-375rpm	325-375rpm	325-375rpm
Torque	3.00N·cm	3.00N·cm	1.00N·cm

Kids Endo NiTi File



Material : Nickel-titanium alloy
Color: Blue
Length: 16mm
Packing:5pcs,single/assorted

Description:

One can complete the preparation and efficiently solve the problem of poor coordination of children for a long time.

Cross-Section:



Product Highlights:

- 1.Flexible file body, short pitch, no cutting at the tip, to protect the safety of deciduous teeth
- 2.Imporoved cutting efficiency and resistance of cyclic fatigue.

Color					
Size	17#	20#	25#	25#	30#
Taper	08	04	04	06	04
Speed	250-350rpm				
Torque	1.5-3.0N·cm				

J3+Files

Tapered Design:

- 1.Variable helical angle . Gradual thread spacing ,enhanced chip removal ability , and reduced risk of instrument breakage.
- 2. Round tip. Safe ended tip.
- 3.New path file design . Reinforce tactile control , easier to remove debris.

Cross-Section:

Covers a wider range of canal morphologies:

Suitable for all canal treatment , including very curved canal.



Protocol For Use

- 1.17 # Enlarge the root canal orifice.
- 2. 19 # Establish working channel.
- 3. Select one file or several files in the back to complete the root canal shaping preparation.

Material : Nickel-titanium alloy
Color: Blue
Length: 19,21,25,31mm
Packing:6pcs,single/assorted

Color						
Size	17#	19#	20#	25#	25#	35#
Taper	08	02	04	04	06	04
Speed	250-350rpm					
Torque	3.0N·cm	1.5N·cm	1.5N·cm	1.5N·cm	2.0N·cm	1.5N·cm

Rainbow J3

Protocol For Use

- 1.17 # Enlarge the root canal orifice.
- 2. 15 # Establish working channel.
- 3. Select one file or several files in the back to complete the root canal shaping preparation.

Tapered Design:

Follow the minimally invasive root canal preparation concept of small taper and large apical size, avoid excessive dentin removal caused by over-tapered instruments, and improve the fracture resistance of teeth.

Cross-Section:

Covers a wider range of canal morphologies:

Suitable for all canal treatment , including very curved canal.



Material : Nickel-titanium alloy
Color: Rainbow
Length: 19,21,25,31mm
Packing:6pcs,single/assorted

Color						
Size	SX#17	G1#15	F1#20	F2#25	F2+#25	F3#30
Taper	08	04	04	04	06	04
Speed	250-350rpm					
Torque	3.0N·cm	3.0N·cm	1.5N·cm	3.0N·cm	3.0N·cm	3.0N·cm

TNA Files

Tapered Design:

The tapered design can be well adapted to the change of the inner channel of the root canal.

Material : Nickel-titanium alloy
Color: Gold
Length: 16,21,25,31mm
Packing:6pcs,single/assorted



Protocol For Use

- 1.Available in four different sizes and lengths to treat a wide range of cases: Prime, Small, Medium, and Large.
- 2.The clinician will experience a smooth transition between the Shaping Files.
- 3.Slim NiTi wire design: 0.8mm maximum flute diameter (MFD) instead of up to 1.2mm for most generic variable tapered files.
- 4.Off-centred cross-section
 - Operates at a higher speed with less torque2

Color					
Size	20#	17#	20#	26#	36#
Taper	08	02	04	04	03
Speed	250-350rpm				
Torque	3.0N·cm	3.0N·cm	1.0N·cm	1.6N·cm	2.0N·cm

K Files



Material : Stainless Steel/Nickel-titanium.
Color: Silver.
Length:21,25, 31mm.
Packing:6pcs,single/assorted.
Description : A working thread with a square cross section for searching the root canal, cleaning and cutting the wall of the root canal, depending on the intended use.

Color									
Size	06#	08#	10#	15#	20#	25#	30#	35#	40#
				45#	50#	55#	60#	70#	80#
Material	Stainless Steel								
		Nickel-titanium							
Length	21,25,31mm								

Cross-Section: 



H Files



Material : Stainless Steel/Nickel-titanium.
Color: Silver.
Length:21,25, 31mm.
Packing:6pcs,single/assorted.
Description :With working threads of circular cross section for rapid removal of residual canal debris, depending on the intended use.

Color									
Size	06#	08#	10#	15#	20#	25#	30#	35#	40#
				45#	50#	55#	60#	70#	80#
Material	Stainless Steel								
		Nickel-titanium							
Length	21,25,31mm								

Cross-Section: 



Reamers

Spreaders



Material : Stainless Steel/Nickel-titanium.
Color: Silver.
Length:21,25, 31mm.
Packing:6pcs,single/assorted.
Description:



Material : Stainless Steel/Nickel-titanium.
Color: Silver.
Length:21,25, 31mm.
Packing:6pcs,single/assorted.
Description:

Color									
Size	06#	08#	10#	15#	20#	25#	30#	35#	40#
				45#	50#	55#	60#	70#	80#
Material	Stainless Steel								
		Nickel-titanium							
Length	21,25,31mm								

Color								
Size	08#	10#	15#	20#	25#	30#	35#	40#
			45#	50#	55#	60#	70#	80#
Material	Stainless Steel							
	Nickel-titanium							
Length	21,25,31mm							

Cross-Section:



Cross-Section:



Pluggers

C + Files



Material : Stainless Steel/Nickel-titanium.
Color: Silver.
Length:21,25, 31mm.
Packing:6pcs,single/assorted.



Material : Stainless Steel.
Color: Silver.
Length:18,21,25mm.
Packing:6pcs,single/assorted.

Color								
Size	08#	10#	15#	20#	25#	30#	35#	40#
			45#	50#	55#	60#	70#	80#
Material	Stainless steel							
	Nickel-titanium							
Length	21,25,31mm							

Color					
Size	06#	08#	10#	15#	20#
Material	Stainless steel				
Length	18,21,25mm				

Cross-Section:

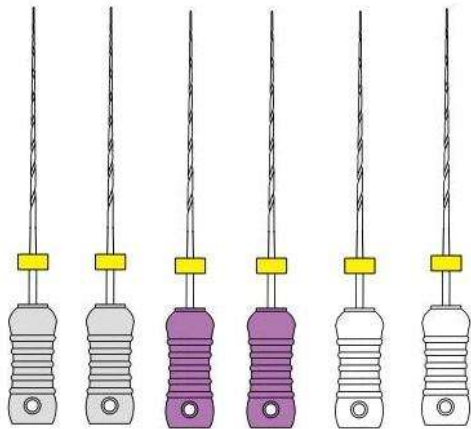


Product Highlights:

1. Special alloy treatment process can effectively solve the defect of insufficient rigidity at the tip of the small file.
2. After special treatment, the tip of 0-3mm has a high hardness, which is several times the hardness of the tip of the same kind of file, and it is easy to dredge calcified root canals.
3. The rear part of the file body has good flexibility and can smoothly descend along the direction of the root canal wall.

D-Finder

U-Files



Material : Stainless Steel.
Color: Silver.
Length:21,25mm.
Packing:6pcs,single/assorted.

Cross-Section:



Color				
Size	08#	10#	12#	15#
Material	Stainless steel			
Length	21,25mm			

Product Highlights:

- 1. It is a dredging file for narrow, curved and calcified root canals, with D cross-section design, high blade strength and good toughness.
- 2. High fracture resistance, designed to reduce cutting and prevent from being stuck in the root canal wall



Material : Stainless Steel.
Color: Silver.
Length:33mm.
Packing:6pcs,single/assorted.

Color						
Size	15#	20#	25#	30#	35#	40#
Material	Stainless steel					
Length	33mm					

Description:

Used together with the ultrasonic instrument, it can clean the root canal very well.

Flexile files

Barbed Broaches



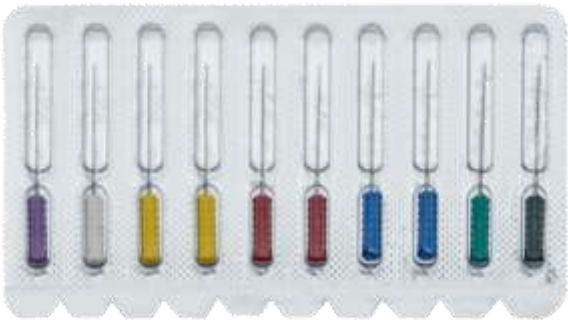
Material : Stainless Steel.
Color: Silver.
Length:21,25, 31mm.
Packing:6pcs,single/assorted.

Color									
Size	06#	08#	10#	15#	20#	25#	30#	35#	40#
				45#	50#	55#	60#	70#	80#
Material	Stainless Steel								
Length	21,25,31mm								

Product Highlights:

Compared with stainless steel K file, it has better flexibility and penetration, and has more obvious dredging effect on curved and narrow root canals.

Cross-Section:



Material : Stainless Steel.
Color: Silver.
Length:21,25mm.
Packing:6pcs,single/assorted.

Color							
Size	00#	01#	02#	03#	04#	05#	06#
Material	Stainless steel						
Length	21,25mm						

Product Highlights:

- 1. The working end of the pulp-extracting needle is provided with irregularly arranged barbs, which is convenient for pulp-extracting.
- 2. It is used to remove the pulp tissue and the necrotic tissue debris in the root canal.

PT-Files Hand use

Tapered Design:

By using variable taper design and crown-heel penetration method, the standard and consistent taper root canal shape can be obtained without repeated lifting movement in the axial direction of the root canal in clinic.

Covers a wider range of canal morphologies:

Suitable for all canal treatment , including very curved canal.

Product Highlights:

1.Nickel-titanium alloy is the best material to make expanding instruments in the field of root canal therapy so far because of its flexibility and super elasticity, which stainless steel can not match.



Material : Nickel-titanium.
Color: Silver.
Length:21,25, 31mm.
Packing:6pcs,single/assorted.

Cross-Section:



Color						
Size	SX#19	S1#17	S2#20	F1#20	F2#25	F3#30
Taper	04	02	04	07	08	09
Speed	300-375rpm					
Torque	5.0N·cm	5.0N·cm	1.5N·cm	1.5N·cm	3.0N·cm	3.0N·cm

PT-Blue Hand use

Tapered Design:

By using variable taper design and crown-heel penetration method, the standard and consistent taper root canal shape can be obtained without repeated lifting movement in the axial direction of the root canal in clinic.



Covers a wider range of canal morphologies:

Suitable for all canal treatment , including very curved canal.

Product Highlights:

- 1.Nickel-titanium alloy is the best material to make expanding instruments in the field of root canal therapy so far because of its flexibility and super elasticity, which stainless steel can not match.
- 2. After thermal activation, it turns blue and the file becomes softer as a whole.

Material : Nickel-titanium.
Color: Blue.
Length:21,25, 31mm.
Packing:6pcs,single/assorted.

Cross-Section:



Color						
Size	SX#19	S1#17	S2#20	F1#20	F2#25	F3#30
Taper	04	02	04	07	08	09
Speed	300-375rpm					
Torque	5.0N·cm	5.0N·cm	1.5N·cm	1.5N·cm	3.0N·cm	3.0N·cm

Gates Drills

Peeso Reamers



Material : Stainless Steel.
Color: Silver.
Length:28,32mm.
Packing:6pcs,single/assorted.

Φmm	0.5	0.7	0.9	1.1	1.3	1.5
Size	1#	2#	3#	4#	5#	6#
Material	Stainless Steel					
Length	28,32mm					

Description:
Opening Crown.



Material : Stainless Steel.
Color: Silver.
Length:28,32mm.
Packing:6pcs,single/assorted.

Φmm	0.7	0.9	1.1	1.3	1.5	1.7
Size	1#	2#	3#	4#	5#	6#
Material	Stainless Steel					
Length	28,32mm					

Description:
To be used for preparation of upper 1/3 root canal crown , To bring out the filled material in the root canal

Fiber Post Drills F-Drills



Material : Stainless Steel.
Color: Silver.
Length:32mm.
Packing:4pcs,single/assorted.

Φmm	0.8	1.0	1.15	1.3
Size	1#	2#	3#	4#
Material	Stainless Steel			
Length	32mm			

Description:

- 1.Made of high quality medical stainless steel.
- 2.With high quality cutting efficiency.
- 3.Recommended rotary speed of 250-350r/min.
- 4.To be used for preparation of fiber post.



Material : Stainless Steel.
Color: Silver.
Length:32mm.
Packing:4pcs,single/assorted.

Φmm	0.6	0.7	0.8	0.9
Size	0#	1#	2#	3#
Material	Stainless Steel			
Length	32mm			

Description:

To be used for preparation of fiber post.

Paste Carrier



Covers a wider range of canal morphologies:

It makes canal shaping faster, easier, safer and more efficient

Material : Stainless Steel
Color: Silver
Length: 21,25mm
Packing:4pcs,single/assorted



Color				
Size	25#	30#	35#	40#
Length	21,25mm			

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