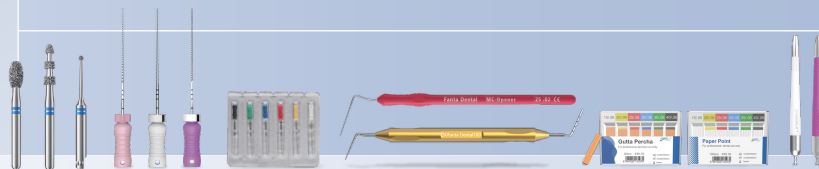
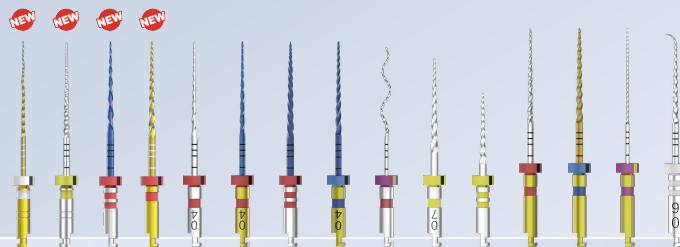


ENDODONTIC PRODUCTS CATALOGUE

FANTastic one stop micro-endodontic solution



01

AF F-ONE	-----	01
AF BABY	-----	05
C-PATH	-----	07
C-PATH BULE	-----	09
AF BLUE R3	-----	11
AF BLUE ROTARY	-----	13
AF BLUE S ONE	-----	16
AF ROTARY	-----	19
AF CL	-----	22
V-TAPER GOLD	-----	25
AF MAX	-----	27
HARMONY ROTARY FILE	-----	29
RISING ROTARY FILE	-----	32
AF RETREATMENT	-----	35
R ONE MINI KIT	-----	37

02

STAINLESS STEEL K FILE	-----	40
NITI K FILE	-----	45
STAINLESS STEEL C FILE	-----	47
STAINLESS STEEL H FILE	-----	50
SPREADER	-----	55
NITI SPREADER	-----	58
REAMER	-----	61
V-TAPER HAND	-----	64
C-HANDLE	-----	66
MC-SHAPER/OPENER	-----	68
PLUGGER	-----	70

CONTENTS

03

IROOT PRO	-----	72
IROOT ULTRA	-----	75
IROOT MINI	-----	77
ACTOR I PRO	-----	79
EHEATER	-----	81
EFILLER	-----	83
WISPEX	-----	85
MCS 3000A	-----	87

04

GUTTA PERCHA	-----	90
PAPER POINT	-----	98
Warm Gutta-percha material	-----	103
IRRIGATION NEEDLE	-----	105

05

FANTA BURS	-----	107
------------	-------	-----

ROTARY FILES

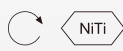
AF F ONE

01

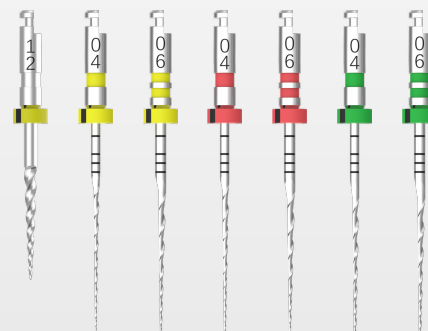


AF F ONE

FEATURE


 <OPEN FILE>300rpm, 3N
 <OTHERS>400-500rpm, 2.5N

- AF-R Wire technology
- Single File System
- Excellent Adaption to Curved Canals
- Patented Flat-Side Design
- Superior Cutting Efficiency
- High Resistance to Cyclic Fatigue
- Debris removed efficiently in coronal direction
- Easily bypassed if the file is separated



3 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	F ONE 20/04	04	#20 	A20 2304 021 020
	F ONE 25/04	04	#25 	A20 2304 021 025
	F ONE 35/04	04	#35 	A20 2304 021 035
	F ONE 20/06	06	#20 	A20 2306 021 020
	F ONE 25/06	06	#25 	A20 2306 021 025
	F ONE 35/06	06	#35 	A20 2306 021 035
25mm	F ONE 20/04	04	#20 	A20 2304 025 020
	F ONE 25/04	04	#25 	A20 2304 025 025
	F ONE 35/04	04	#35 	A20 2304 025 035
	F ONE 20/06	06	#20 	A20 2306 025 020
	F ONE 25/06	06	#25 	A20 2306 025 025
	F ONE 35/06	06	#35 	A20 2306 025 035
31mm	F ONE 20/04	04	#20 	A20 2304 031 020
	F ONE 25/04	04	#25 	A20 2304 031 025
	F ONE 35/04	04	#35 	A20 2304 031 035
	F ONE 20/06	06	#20 	A20 2306 031 020
	F ONE 25/06	06	#25 	A20 2306 031 025
	F ONE 35/06	06	#35 	A20 2306 031 035

4 PCS/BOX

Length	Single Size	Taper	Size	Coding
19mm	F ONE OPEN FILE	12	#17	A20 2412 019 017

4 PCS/BOX

Length	Assorted	Taper	Size	Coding
21mm	OPEN FILE+20/04*3	04	#20	A20 1404 021 020
	OPEN FILE+25/04*3	04	#25	A20 1404 021 025
	OPEN FILE+30/04*3	04	#30	A20 1404 021 030
	OPEN FILE+35/04*3	04	#35	A20 1404 021 035
	OPEN FILE+20/06*3	06	#20	A20 1406 021 020
	OPEN FILE+25/06*3	06	#25	A20 1406 021 025
	OPEN FILE+30/06*3	06	#30	A20 1406 021 030
	OPEN FILE+35/06*3	06	#35	A20 1406 021 035
25mm	OPEN FILE+20/04*3	04	#20	A20 1404 025 020
	OPEN FILE+25/04*3	04	#25	A20 1404 025 025
	OPEN FILE+30/04*3	04	#30	A20 1404 025 030
	OPEN FILE+35/04*3	04	#35	A20 1404 025 035
	OPEN FILE+20/06*3	06	#20	A20 1406 025 020
	OPEN FILE+25/06*3	06	#25	A20 1406 025 025
	OPEN FILE+30/06*3	06	#30	A20 1406 025 030
	OPEN FILE+35/06*3	06	#35	A20 1406 025 035
31mm	OPEN FILE+20/04*3	04	#20	A20 1404 031 020
	OPEN FILE+25/04*3	04	#25	A20 1404 031 025
	OPEN FILE+30/04*3	04	#30	A20 1404 031 030
	OPEN FILE+35/04*3	04	#35	A20 1404 031 035
	OPEN FILE+20/06*3	06	#20	A20 1406 031 020
	OPEN FILE+25/06*3	06	#25	A20 1406 031 025
	OPEN FILE+30/06*3	06	#30	A20 1406 031 030
	OPEN FILE+35/06*3	06	#35	A20 1406 031 035

AF F ONE

FEATURE

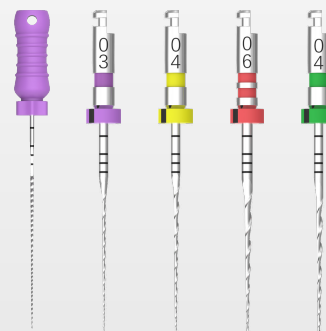


<13/03>300rpm, 2N
<OTHERS>400-500rpm, 2.5N

F One Kit

(Selected by Style Italiano Endodontics)

- Predictable Treatment
- Simple-Safe Techniques
- Efficient Instrumentation
- Repeatability



5 PCS/BOX

Length	Assorted	Coding
21mm	#10 K File+1303+2004+2506+3504	SIE21
25mm		SIE25
31mm		SIE31

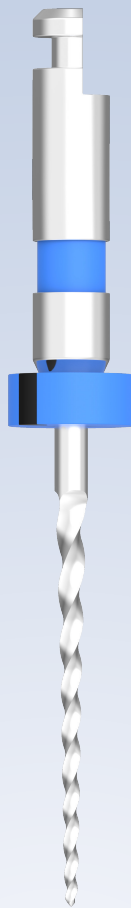
5 PCS/BOX

Length	Assorted	Coding
21mm	#10+13/03*4pcs	SIE031321A
25mm		SIE031325A
31mm		SIE031331A

ROTARY FILES

AF BABY

02



AF BABY

FEATURE

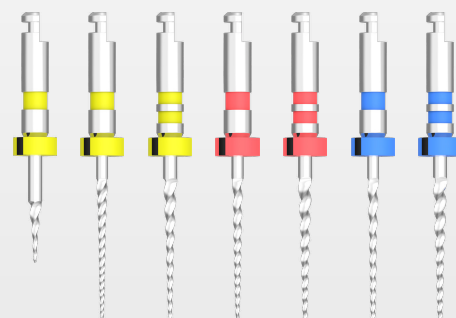


 <OPEN FILE>300rpm, 3N
 <OTHERS>350rpm, 2N

- AF-H Wire Tech
- Improved Resistance to Cyclic Fatigue
- Advanced Tip Process & Avoid Forming Ledges
- Special design for deciduous teeth

Children's immunity is relatively low, as far as possible one-time use, avoid cross-infection.

The root canal treatment of primary teeth is to remove the adverse stimulation of infectious substances on periapical tissues by preparing root canal and disinfecting with drugs, and to fill the root canal with the absorbable filling material, thereby promoting the treatment of apical periodontal healing. In the treatment of root canal of primary teeth, preparation of root canal, thorough disinfection of root canal, careful filling of root canal, necessary periodontal and tooth treatment are the key steps of root canal treatment.



6 PCS/BOX

Length	Single Size	Taper	Size	Coding
16mm	20/04	04	#20 	A06 2604 016 020
	25/04	04	#25 	A06 2604 016 025
	30/04	04	#30 	A06 2604 016 030
	20/06	06	#20 	A06 2606 016 020
	25/06	06	#25 	A06 2606 016 025
	30/06	06	#30 	A06 2606 016 030

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
10mm	OPEN FILE	08	#17	A06 2608 010 017

4 PCS/BOX

Length	Assorted	Taper	Coding
16mm	Open File+20/04+25/04+30/04	04	A06 1404 016 000
	Open File+20/06+25/06+30/06	06	A06 1406 016 000

ROTARY FILES

C-PATH

03



C-PATH

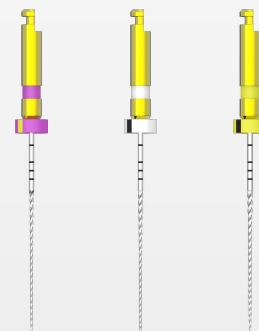
FEATURE



300rpm, 1.8N



- AF-L wire technology
- Respect to the canal anatomy
- Glide path management



The Path files replace the hand files #10, #15, #20, the prepared root canal, with good concentricity and high smoothness, and the continuous high-speed rotation can bring the debris upwards.

Prevent debris from being pushed in apical direction.

It's possible to clean the surface attachments of the files with an endo clean or a soft brush.

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	13/02	02	#13 ●	F21 2602 021 013
	16/02	02	#16 ○	F21 2602 021 016
	19/02	02	#19 ●	F21 2602 021 019
25mm	13/02	02	#13 ●	F21 2602 025 013
	16/02	02	#16 ○	F21 2602 025 016
	19/02	02	#19 ●	F21 2602 025 019
31mm	13/02	02	#13 ●	F21 2602 031 013
	16/02	02	#16 ○	F21 2602 031 016
	19/02	02	#19 ●	F21 2602 031 019

ROTARY FILES

C-PATH BLUE

04



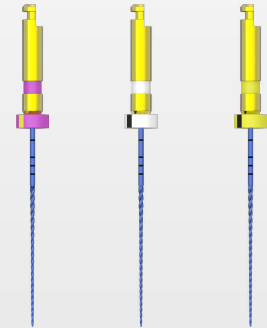
C-PATH BLUE

FEATURE



 300rpm, 1.8N

- Blue alloy technology
- Glide path establishment
- Less canal transportation
- Enhanced resistance to cyclic fatigue
- Higher efficiency than manual files



4 PCS/BOX

Length	Single Size	Taper	Size	Coding
25mm	13/02	02	#13 ●	F10 2402 025 013
	16/02	02	#16 ○	F10 2402 025 016

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	13/02	02	#13 ●	F10 2602 021 013
	16/02	02	#16 ○	F10 2602 021 016
	19/02	02	#19 ●	F10 2602 021 019
25mm	13/02	02	#13 ●	F10 2602 025 013
	16/02	02	#16 ○	F10 2602 025 016
	19/02	02	#19 ●	F10 2602 025 019
31mm	13/02	02	#13 ●	F10 2602 031 013
	16/02	02	#16 ○	F10 2602 031 016
	19/02	02	#19 ●	F10 2602 031 019

6 PCS/BOX

Length	Assorted	Taper	Coding
21mm	2*13/02+2*16/02+2*19/02	02	F10 1602 021 000
25mm		02	F10 1602 025 000
31mm		02	F10 1602 031 000

RECIPROCATATING FILE

AF BLUE R3

05



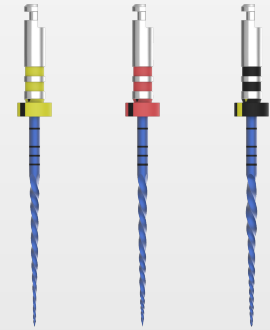
AF BLUE R3

FEATURE



CW30, CCW150

- AF-R Wire Tech
- Rectangular Cross-Sectional Design
- Single File System
- Reciprocating Motion



3 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	R1(20/06)	06	#20 ●	A05 2306 021 020
	R2(25/06)	06	#25 ●	A05 2306 021 025
	R3(40/06)	06	#40 ●	A05 2306 021 040
25mm	R1(20/06)	06	#20 ●	A05 2306 025 020
	R2(25/06)	06	#25 ●	A05 2306 025 025
	R3(40/06)	06	#40 ●	A05 2306 025 040
31mm	R1(20/06)	06	#20 ●	A05 2306 031 020
	R2(25/06)	06	#25 ●	A05 2306 031 025
	R3(40/06)	06	#40 ●	A05 2306 031 040

ROTARY FILES

AF BLUE ROTARY

06



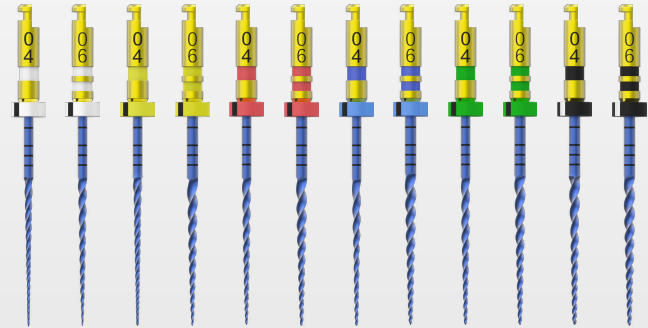
AF BLUE ROTARY

FEATURE



<OPEN FILE>300rpm, 3N
<OTHERS>350rpm, 2-2.5N

- AF R Wire Tech
- Triangular Cross Section
- Respect for Canal Anatomy
- Wide Range of Sizes for Choice
- Selected Files as S4 Sequence System
- Suitable for most cases



6 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	15/04	04	#15 ○	A04 2604 021 015
	20/04	04	#20 ●	A04 2604 021 020
	25/04	04	#25 ●	A04 2604 021 025
	30/04	04	#30 ●	A04 2604 021 030
	35/04	04	#35 ●	A04 2604 021 035
	40/04	04	#40 ●	A04 2604 021 040
	15/06	06	#15 ○	A04 2606 021 015
	20/06	06	#20 ●	A04 2606 021 020
	25/06	06	#25 ●	A04 2606 021 025
	30/06	06	#30 ●	A04 2606 021 030
	35/06	06	#35 ●	A04 2606 021 035
	40/06	06	#40 ●	A04 2606 021 040
25mm	15/04	04	#15 ○	A04 2604 025 015
	20/04	04	#20 ●	A04 2604 025 020
	25/04	04	#25 ●	A04 2604 025 025
	30/04	04	#30 ●	A04 2604 025 030
	35/04	04	#35 ●	A04 2604 025 035
	40/04	04	#40 ●	A04 2604 025 040
	15/06	06	#15 ○	A04 2606 025 015
	20/06	06	#20 ●	A04 2606 025 020

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
25mm	25/06	06	#25 ●	A04 2606 025 025
	30/06	06	#30 ●	A04 2606 025 030
	35/06	06	#35 ●	A04 2606 025 035
	40/06	06	#40 ●	A04 2606 025 040
31mm	15/04	04	#15 ○	A04 2604 031 015
	20/04	04	#20 ●	A04 2604 031 020
	25/04	04	#25 ●	A04 2604 031 025
	30/04	04	#30 ●	A04 2604 031 030
	35/04	04	#35 ●	A04 2604 031 035
	40/04	04	#40 ●	A04 2604 031 040
	15/06	06	#15 ○	A04 2606 031 015
	20/06	06	#20 ●	A04 2606 031 020
	25/06	06	#25 ●	A04 2606 031 025
	30/06	06	#30 ●	A04 2606 031 030
	35/06	06	#35 ●	A04 2606 031 035
	40/06	06	#40 ●	A04 2606 031 040

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
19mm	AF BLUE OPEN FILE	12	#17	A04 2612 019 017

4 PCS/BOX**AF BLUE S4 KIT**

Length	Assorted	Coding
21mm	Open file(#17/12)+Path file(#18/05)+#25/06+#35/04	A04 1400 021 000
25mm		A04 1400 025 000
31mm		A04 1400 031 000

ROTARY FILES

AF BLUE S ONE

07



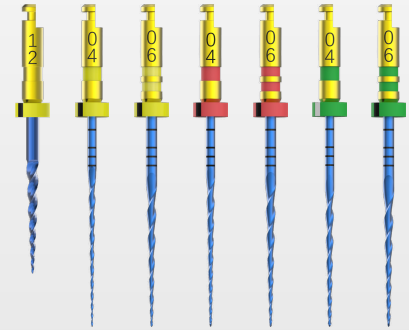
AF BLUE S ONE

FEATURE



<OPEN FILE>300rpm, 3N
<OTHERS>400pm, 2.5N

- AF-R Wire Technology
- Improved Resistance to Cyclic Fatigue
- S-shaped Cross Section
- Rotating Motion
- Minimal Invasive Files



3 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	S ONE S1	04	#20 ●	A19 2304 021 020
	S ONE S2	04	#25 ●	A19 2304 021 025
	S ONE S3	04	#35 ●	A19 2304 021 035
	S ONE S4	06	#20 ●	A19 2306 021 020
	S ONE S5	06	#25 ●	A19 2306 021 025
	S ONE S6	06	#35 ●	A19 2306 021 035
25mm	S ONE S1	04	#20 ●	A19 2304 025 020
	S ONE S2	04	#25 ●	A19 2304 025 025
	S ONE S3	04	#35 ●	A19 2304 025 035
	S ONE S4	06	#20 ●	A19 2306 025 020
	S ONE S5	06	#25 ●	A19 2306 025 025
	S ONE S6	06	#35 ●	A19 2306 025 035
31mm	S ONE S1	04	#20 ●	A19 2304 031 020
	S ONE S2	04	#25 ●	A19 2304 031 025
	S ONE S3	04	#35 ●	A19 2304 031 035
	S ONE S4	06	#20 ●	A19 2306 031 020
	S ONE S5	06	#25 ●	A19 2306 031 025
	S ONE S6	06	#35 ●	A19 2306 031 035

4 PCS/BOX

Length	Single Size	Taper	Size	Coding
19mm	S ONE OPEN FILE	12	#17	A19 2412 019 017

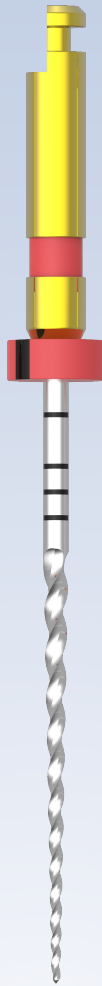
4 PCS/BOX

Length	Assorted	Taper	Size	Coding
21mm	OPEN FILE+S1*3	04	#20	A19 1404 021 020
	OPEN FILE+S2*3	04	#25	A19 1404 021 025
	OPEN FILE+S3*3	04	#35	A19 1404 021 035
	OPEN FILE+S4*3	06	#20	A19 1406 021 020
	OPEN FILE+S5*3	06	#25	A19 1406 021 025
	OPEN FILE+S6*3	06	#35	A19 1406 021 035
25mm	OPEN FILE+S1*3	04	#20	A19 1404 025 020
	OPEN FILE+S2*3	04	#25	A19 1404 025 025
	OPEN FILE+S3*3	04	#35	A19 1404 025 035
	OPEN FILE+S4*3	06	#20	A19 1406 025 020
	OPEN FILE+S5*3	06	#25	A19 1406 025 025
	OPEN FILE+S6*3	06	#35	A19 1406 025 035
31mm	OPEN FILE+S1*3	04	#20	A19 1404 031 020
	OPEN FILE+S2*3	04	#25	A19 1404 031 025
	OPEN FILE+S3*3	04	#35	A19 1404 031 035
	OPEN FILE+S4*3	06	#20	A19 1406 031 020
	OPEN FILE+S5*3	06	#25	A19 1406 031 025
	OPEN FILE+S6*3	06	#35	A19 1406 031 035

ROTARY FILES

AF ROTARY

08



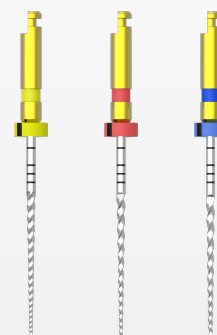
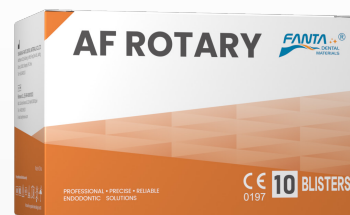
AF ROTARY

FEATURE



 < OPEN FILE > 300rpm, 3N
 < OTHERS > 350rpm, 2N

- Progressive endodontic file system
- AF-H wire technology
- Extremely flexible files
- Files of choice for very narrow and calcified canals
- Files of choice for severely curved canals
- Minimal invasive files
- Improved resistance to cyclic fatigue



Our AF ROTARY is provided with the unique controlled memory wire, because of its softest, it needs to be used at 350-400RPM, suitable for severely curved root canals, but there are still some points need pay your attention:

1. Before preparation, it is advised to establish a patent canal to full working length with K file 10.
2. The crown is fully pre-opened to ensure that the lubricating fluid smoothly enters the root apical with the file and keeps the hand.
3. Always keep the instrument, especially the one-third of the root apical, fully lubricated. It is recommended to use EDTA lubricant.
4. Short lift, keep the file from staying at a certain point in the root canal.
5. File does not reach the working length at one time, flushing every 4mm or so.
6. Ensure that each file is ready to form a smooth, repeatable channel, ensuring that the file smoothly slides forward.

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	20/04	04	#20 	A03 2604 021 020
	25/04	04	#25 	A03 2604 021 025
	30/04	04	#30 	A03 2604 021 030
25mm	20/04	04	#20 	A03 2604 025 020
	25/04	04	#25 	A03 2604 025 025
	30/04	04	#30 	A03 2604 025 030
31mm	20/04	04	#20 	A03 2604 031 020
	25/04	04	#25 	A03 2604 031 025
	30/04	04	#30 	A03 2604 031 030

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
19mm	OPEN FILE	08	#17	A03 2608 019 017

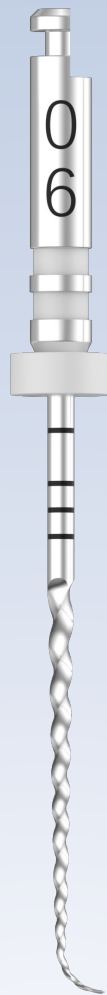
5 PCS/BOX

Length	Assorted	Taper	Coding
21mm	OPEN FILE+C-PATH 19/02+20/04+25/04+30/04	04	A03 1500 021 000
25mm		04	A03 1500 025 000
31mm		04	A03 1500 031 000

RECIPROCATATING FILE

AF CL

09



AF CL

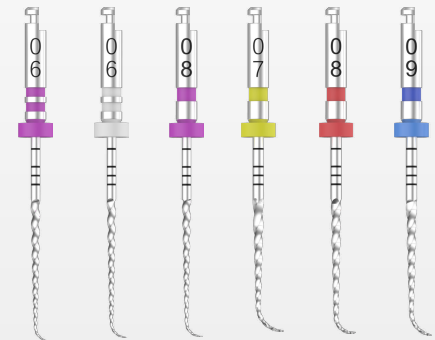
FEATURE



CW90-150, CCW30



- AF-R Wire Tech
- Specialty tip-design for bypassing the Ledge
- Diamond Cross Section
- Suitable for Curved Canals



The key solution in ledge treatment is to understand how ledges are formed in root canal:

All nickel-titanium instruments have both good and bad things. They are all called "memory" files. The good thing is that the nickel-titanium file has elastic and self-adaptor. The bad thing is when the rotating file stays at the curved root canal, it is still cutting the outer part of the bend, and the problem arises. The time the ledge is formed depends on the design of the file (the stronger the cutting ability of the file, the faster the ledge formation). As the root canal tends to return to the design shape, the ledges are formed. The use of rigid hand files in root canal preparation, or preparation for too rush, violence, may also lead to the formation of ledges.

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	10/06	06	#10 ●	F07 2606 021 010
	15/06	06	#15 ○	F07 2606 021 015
	10/08	08 VT	#10 ●	F07 2608 021 010
	20/07	07 VT	#20 ●	F07 2607 021 020
	25/08	08 VT	#25 ●	F07 2608 021 025
	30/09	09 VT	#30 ●	F07 2609 021 030
25mm	10/06	06	#10 ●	F07 2606 025 010
	15/06	06	#15 ○	F07 2606 025 015
	10/08	08 VT	#10 ●	F07 2608 025 010
	20/07	07 VT	#20 ●	F07 2607 025 020
	25/08	08 VT	#25 ●	F07 2608 025 025
	30/09	09 VT	#30 ●	F07 2609 025 030

6 PCS/BOX

Length	Assorted	Coding
21mm	10/06+15/06+10/08+20/07+25/08+30/09	F07 1600 021 000
25mm		F07 1600 025 000

ROTARY FILES

V-TAPER GOLD

10

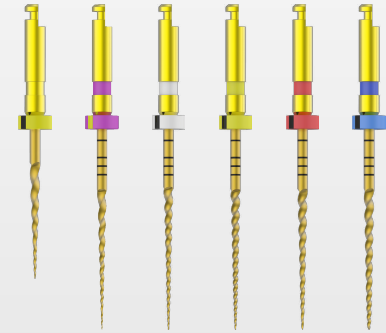


V-TAPER GOLD

FEATURE

 350rpm, 2-2.5N

- AF-R Wire Tech for Shaping Files
- AF-H Wire Tech for Finishing Files
- 3 Shaping Files, 3 Finishing Files
- Specialty for Variable Taper 6 Files Design
- Suitable for Curved Root Canal Preparation
- High elasticity of NITI Material



6 PCS/BOX

Length	Single Size	Taper	Size	Coding
19mm	SX	04 VT	#19	V02 2604 019 019
21mm	S 1	02 VT	#18 	V02 2602 021 018
	S2	04 VT	#20 	V02 2604 021 020
	F 1	07 VT	#20 	V02 2607 021 020
	F2	08 VT	#25 	V02 2608 021 025
	F3	09 VT	#30 	V02 2609 021 030
25mm	S 1	02 VT	#18 	V02 2602 025 018
	S2	04 VT	#20 	V02 2604 025 020
	F 1	07 VT	#20 	V02 2607 025 020
	F2	08 VT	#25 	V02 2608 025 025
	F3	09 VT	#30 	V02 2609 025 030
31mm	S 1	02 VT	#18 	V02 2602 031 018
	S2	04 VT	#20 	V02 2604 031 020
	F 1	07 VT	#20 	V02 2607 031 020
	F2	08 VT	#25 	V02 2608 031 025
	F3	09 VT	#30 	V02 2609 031 030

6 PCS/BOX

Length	Assorted	Coding
21mm	SX+S1+S2+F1+F2+F3	V02 1600 021 000
25mm		V02 1600 025 000
31mm		V02 1600 031 000

ROTARY FILES

AF MAX

11



AF MAX

FEATURE


 800rpm, 1N

- Super elasticity and extreme flexibility
- Minimal stress applied to dentine walls
- Excellent Cleaning Finisher
- Remove Smear Layers Efficiently
- Special pre-curved designs for a maximum taper to 04



3 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	MAX 1	01-04	#25 ●	F11 2301 021 025
	MAX 3	01-04	#25 ●	F11 2303 021 025
25mm	MAX 1	01-04	#25 ●	F11 2301 025 025
	MAX 3	01-04	#25 ●	F11 2303 025 025

4 PCS/BOX

Length	Single Size	Taper	Size	Coding
25mm	MAX 1	01-04	#25 ●	F11 2401 025 025
	MAX 3	01-04	#25 ●	F11 2403 025 025

6 PCS/BOX

Length	Single Size	Taper	Size	Coding
25mm	MAX 3	01-04	#25 ●	F11 2603 025 025

ROTARY FILES

HARMONY ROTARY FILE

12



HARMONY

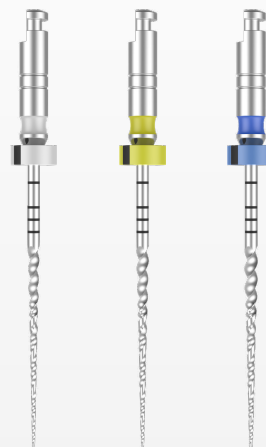
ROTARY FILE

FEATURE



350rpm, 2-2.5N

- AF-L wire technology
- Minimally Invasive Kit
- Suitable for calcified canals
- Simple file sequence
- Variable cross-section design
- Innovative taper design
- Balanced property between elasticity and flexibility



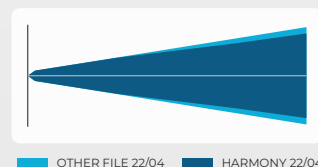
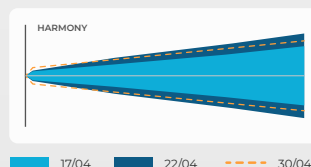
Reduced risk of canal transportation

Compared to other files with identical cross-sections, Fanta Harmony chooses all the 04 taper with small sizes respecting the principle of minimally invasive shaping and enables a larger space due to its modified cross section for debris exclusion, which ensure a flexible performance to respect the anatomy of the root canal. Additionally, the adoption of a radial land for the cross section lessens the possibility of acute cutting to the root canal wall on the apical part for safe treatment.

Mechanical properties of Harmony system file

Thanks to its variable taper design, Fanta Harmony, which contains #17.04, #22.04, #30.04, reduces excessive dentin cutting of the coronal parts. As you can see in the below figures, compared to other files of identical size, this modified file cuts less dentin in the coronal parts. Additionally, each file cuts the dentin more smoothly, which improves cutting efficiency and protects the instruments.

Each file will evenly cut the dentin, enhancing cutting efficiency and protecting the instruments.



3 PCS/BOX

Length	Single Size	Taper	Size	Coding
21mm	17/04	04 VT	#17 ○	A24 2304 021 017
	22/04	04 VT	#22 ●	A24 2304 021 022
	30/04	04	#30 ●	A24 2304 021 030
25mm	17/04	04 VT	#17 ○	A24 2304 025 017
	22/04	04 VT	#22 ●	A24 2304 025 022
	30/04	04	#30 ●	A24 2304 025 030
31mm	17/04	04 VT	#17 ○	A24 2304 031 017
	22/04	04 VT	#22 ●	A24 2304 031 022
	30/04	04	#30 ●	A24 2304 031 030

3 PCS/BOX

Length	Assorted	Coding
21mm	HARMONY 17/04+22/04+30/04	A24 1304 021 000
25mm		A24 1304 025 000
31mm		A24 1304 031 000

ROTARY FILES

RISING ROTARY FILE

13

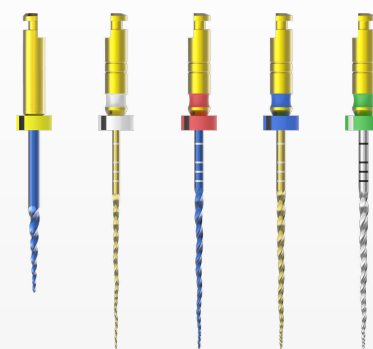


RISING

ROTARY FILE

FEATURE

450rpm, 2.5N



UNIQUE POWERFUL EFFECTIVE

cross-sectioned anatomical instrumentation

- **Minimal Invasive Shaping:**
cross-sectioned anatomical instrumentation
- **Maximum debris removal:**
Special design smoothly removes debris from apical to coronal, abating the stress suffering from the obturated debris
- **Makes cone fit perfectly:**
The special design at apical
- **Different Ni-Ti phase in every file:**
Specified metallurgy for every files
- **Extreme cutting efficiency:**
Specialized cutting angle that has never done before

Endodontic instruments are widely used in endodontics, with technology bringing us the benefits and advantages of Ni-Ti.

Fanta Rising is an extraordinary instrument that pushes the limits of endodontics. Rising leads in anatomical shaping and offers an excellent technique for clinical practice. With its special design, Rising touches all the walls while rotating inside the root canal. It works so smoothly and powerfully that it effectively shapes the root canal. The angle of the instrument is what makes Rising unique, as its passive tip never causes perforation inside the root canal. The high speed of the instrument makes shaping easier, while the variable cross-section enhances its performance. Fanta Rising can handle 95% of cases across all types of root canals. With the effect of irrigation and activation, Rising can be used in every type of root canal. The special cross-section at the apical end makes it easier to create an apical stop. Rising also has its own Gutta Percha and Paper Points.

5 PCS/BOX

Length	Single Size	Coding
19mm	RR	A23 2510 019 018
21mm	R1 ○	A23 2503 021 014
	R2 ●	A23 2504 021 025
	R3 ●	A23 2504 021 028
	R4 ●	A23 2505 021 028
25mm	R1 ○	A23 2503 025 014
	R2 ●	A23 2504 025 025
	R3 ●	A23 2504 025 028
	R4 ●	A23 2505 025 028
31mm	R1 ○	A23 2503 031 014
	R2 ●	A23 2504 031 025
	R3 ●	A23 2504 031 028
	R4 ●	A23 2505 031 028

4 PCS/BOX

Length	Single Size	Coding
19mm	RR	A23 2410 019 018
25mm	R1 ○	A23 2403 025 014
	R2 ●	A23 2404 025 025
	R3 ●	A23 2404 025 028

4 PCS/BOX

Length	Assorted	Coding
21mm	RR+R1+R2+R3	A23 1400 021 000
25mm		A23 1400 025 000
31mm		A23 1400 031 000

5 PCS/BOX

Length	Assorted	Coding
21mm	RR+R1+R2+R3+R4	A23 1500 021 000
25mm		A23 1500 025 000
31mm		A23 1500 031 000

ROTARY FILES

AF RETREATMENT

14

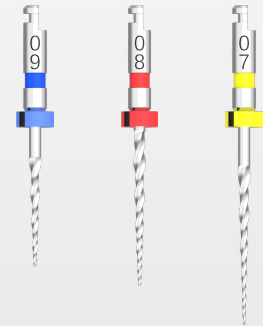


AF RETREATMENT

FEATURE


 400rpm, 3N

- AF L Wire Tech
- Designed for removing the obturation materials
- Rectangular cross section
- Sequence files for various shapes of canals



6 PCS/BOX

Single Size	Taper	Size	Coding
Retreatment File1	07	#20 	F09 2607 022 020
Retreatment File2	08	#25 	F09 2608 018 025
Retreatment File3	09	#30 	F09 2609 016 030

3 PCS/BOX

Assorted	Coding
Retreatment 20/07+25/08+30/09	F09 1300 000 000

RECIPROCATATING FILE

R ONE MINI KIT

15

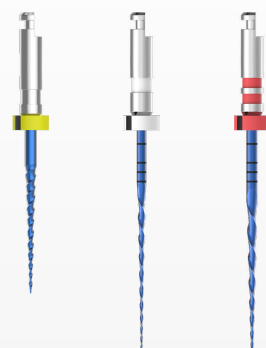


R ONE MINI KIT

FEATURE



<19/05>300rpm, 2.5N
<OTHERS>CW30,CCW150



EFFICIENT FLEXIBLE USER-FRIENDLY

- **Two instruments reciprocating sequence**
- **Minimally invasive KIT:**
this sequence is designed to preserve the pericervical dentin in order to reduce the vertical root fracture (VRT) of the endodontically treated teeth.
- **Decreased maximum diameter**
- **Two different thermal treatment, based on the instrument peculiar property**
- **Inactive tip**
- **S shaped cross-sectional design**

0.17 tip and 04 variable taper design, thought to be used as a pre shaping file

First instrument after manual glide path with a k file 10 AF-L alloy: the less martensitic FANTA DENTAL proprietary thermal treatment. This confers two advantages: the flexibility that is guaranteed by the design dimensions and the alloy and the proper torsional resistance that is guaranteed by a thermal treatment that does not make the instrument too soft.

0.19 tip and 05 variable taper design, special collaboration as the opener.

Conforming to the conception of minimal invasion, the modified opener respects the canal coronal and enables catabatic dentine loss.

Increasing the number of flutes to enhance the cutting ability.

Strengthening the ability of the resistance to despiralization of the file as the coronal opening file.

0.25 tip and 06 variable taper design, with a maximum diameter of nearly 1mm. This allows to preserve more cervical dentine compared to traditional shaping file, reducing the incidence of VRT.

Last instrument of the sequence, the perfect second instrument with a proportional increase to reduce the stress on the instrument.

Dedicated Gutta percha cones made for a superior precision with a perfect match with the file of the sequence.

AF-R alloy: a medium martensitic FANTA DENTAL thermal treatment. This confers two advantages: the flexibility that is guaranteed by the the thermally treated alloy and the proper torsional resistance and cutting efficiency that is guaranteed by the design dimensions such as tip, taper and cross section.

3 PCS/BOX

Length	Single Size	Taper	Size	Coding
19mm	19/05	05 VT	#19	A27 2305 019 019
21mm	17/04	04 VT	#17 ○	A27 2304 021 017
	25/06	06 VT	#25 ●	A27 2306 021 025
25mm	17/04	04 VT	#17 ○	A27 2304 025 017
	25/06	06 VT	#25 ●	A27 2306 025 025
31mm	17/04	04 VT	#17 ○	A27 2304 031 017
	25/06	06 VT	#25 ●	A27 2306 031 025

5 PCS/BOX

Length	Single Size	Taper	Size	Coding
19mm	19/05	05 VT	#19	A27 2505 019 019
21mm	17/04	04 VT	#17 ○	A27 2504 021 017
	25/06	06 VT	#25 ●	A27 2506 021 025
25mm	17/04	04 VT	#17 ○	A27 2504 025 017
	25/06	06 VT	#25 ●	A27 2506 025 025
31mm	17/04	04 VT	#17 ○	A27 2504 031 017
	25/06	06 VT	#25 ●	A27 2506 031 025

3 PCS/BOX

Length	Assorted	Coding
21mm	19/05+17/04+25/06	A27 1300 021 000
25mm		A27 1300 025 000
31mm		A27 1300 031 000

5 PCS/BOX

Length	Assorted	Coding
21mm	19/05+2*17/04+2*25/06	A27 1500 021 000
25mm		A27 1500 025 000
31mm		A27 1500 031 000

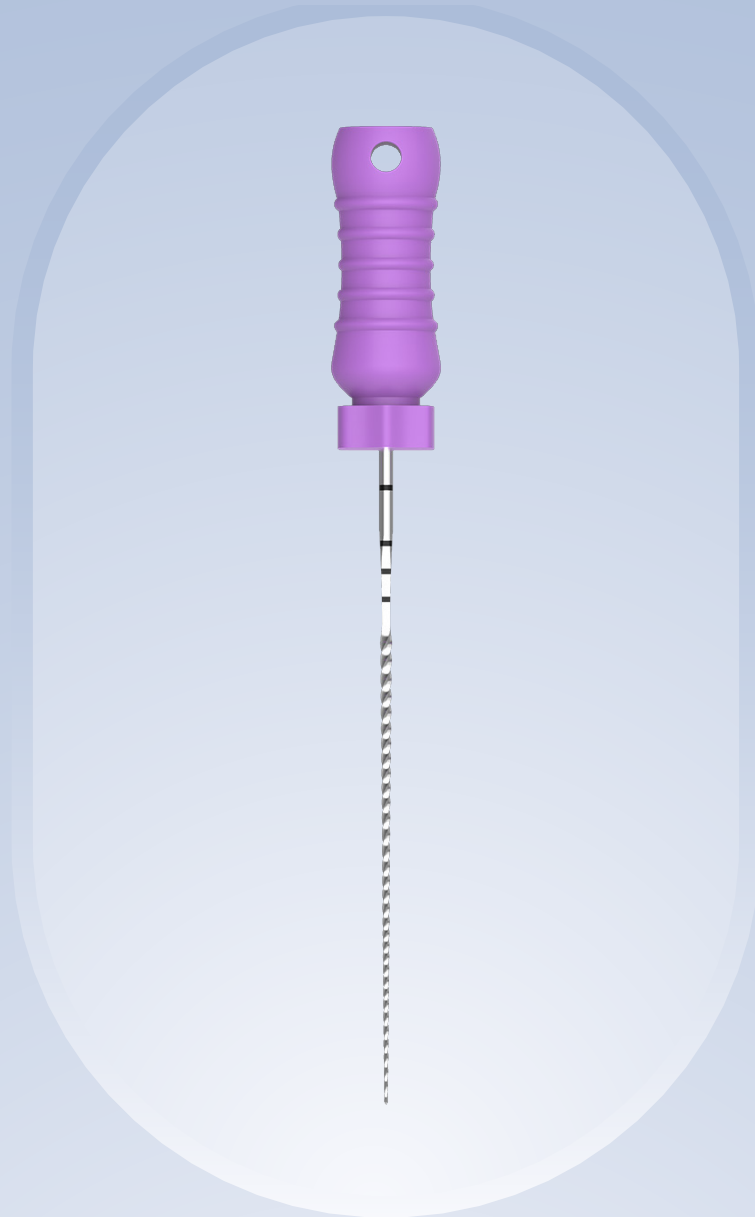
6 PCS/BOX

Length	Assorted	Coding
25mm	3*17/04+3*25/06	A27 1600 025 000

HAND FILES

STAINLESS STEEL K FILE
EXPLORER STAINLESS STEEL K FILE

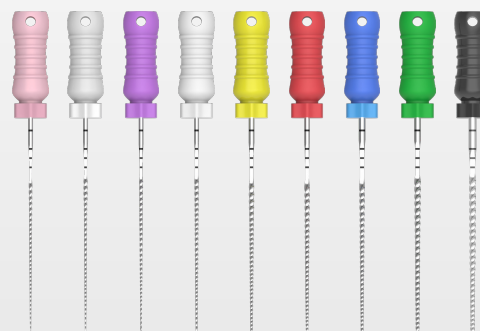
16



K FILE

FEATURE

- Better Flexibility
- High-Quality Stainless Steel
- Suitable for Complex Anatomies



6 PCS/BOX

STAINLESS STEEL K FILE

Length	Single Size	Size	Coding
21mm	K FILE	# 6	H14 2602 021 006
		# 8	H14 2602 021 008
		#10	H14 2602 021 010
		#15	H14 2602 021 015
		#20	H14 2602 021 020
		#25	H14 2602 021 025
		#30	H14 2602 021 030
		#35	H14 2602 021 035
		#40	H14 2602 021 040
		#45	H14 2602 021 045
		#50	H14 2602 021 050
		#55	H14 2602 021 055
		#60	H14 2602 021 060
		#70	H14 2602 021 070
		#80	H14 2602 021 080
25mm	K FILE	# 6	H14 2602 025 006
		# 8	H14 2602 025 008
		#10	H14 2602 025 010
		#15	H14 2602 025 015
		#20	H14 2602 025 020
		#25	H14 2602 025 025

Length	Single Size	Size	Coding
25mm	K FILE	#30	H14 2602 025 030
		#35	H14 2602 025 035
		#40	H14 2602 025 040
		#45	H14 2602 025 045
		#50	H14 2602 025 050
		#55	H14 2602 025 055
		#60	H14 2602 025 060
		#70	H14 2602 025 070
		#80	H14 2602 025 080
31mm	K FILE	# 6	H14 2602 031 006
		# 8	H14 2602 031 008
		#10	H14 2602 031 010
		#15	H14 2602 031 015
		#20	H14 2602 031 020
		#25	H14 2602 031 025
		#30	H14 2602 031 030
		#35	H14 2602 031 035
		#40	H14 2602 031 040
		#45	H14 2602 031 045
		#50	H14 2602 031 050
		#55	H14 2602 031 055
		#60	H14 2602 031 060
		#70	H14 2602 031 070
		#80	H14 2602 031 080

6 PCS/BOX

Length	Assorted	Size	Coding
21mm	K FILE	# 6 - #10	H14 1602 021 001
		#15-#40	H14 1602 021 002
		#45-#80	H14 1602 021 003
25mm		# 6 - #10	H14 1602 025 001
		#15-#40	H14 1602 025 002
		#45-#80	H14 1602 025 003
31mm		# 6 - #10	H14 1602 031 001
		#15-#40	H14 1602 031 002
		#45-#80	H14 1602 031 003

EXPLORER STAINLESS STEEL K FILE

6 PCS/BOX

Length	Single Size	Size	Coding
21mm	EXPLORER K FILE	# 6	H2I 2602 02I 006
		# 8	H2I 2602 02I 008
		#10	H2I 2602 02I 010
		#15	H2I 2602 02I 015
		#20	H2I 2602 02I 020
		#25	H2I 2602 02I 025
		#30	H2I 2602 02I 030
		#35	H2I 2602 02I 035
		#40	H2I 2602 02I 040
		#45	H2I 2602 02I 045
		#50	H2I 2602 02I 050
		#55	H2I 2602 02I 055
		#60	H2I 2602 02I 060
		#70	H2I 2602 02I 070
		#80	H2I 2602 02I 080
25mm	EXPLORER K FILE	# 6	H2I 2602 025 006
		# 8	H2I 2602 025 008
		#10	H2I 2602 025 010
		#15	H2I 2602 025 015
		#20	H2I 2602 025 020
		#25	H2I 2602 025 025
		#30	H2I 2602 025 030
		#35	H2I 2602 025 035
		#40	H2I 2602 025 040
		#45	H2I 2602 025 045
		#50	H2I 2602 025 050
		#55	H2I 2602 025 055
		#60	H2I 2602 025 060
		#70	H2I 2602 025 070
		#80	H2I 2602 025 080
31mm	EXPLORER K FILE	# 6	H2I 2602 03I 006
		# 8	H2I 2602 03I 008
		#10	H2I 2602 03I 010
		#15	H2I 2602 03I 015
		#20	H2I 2602 03I 020

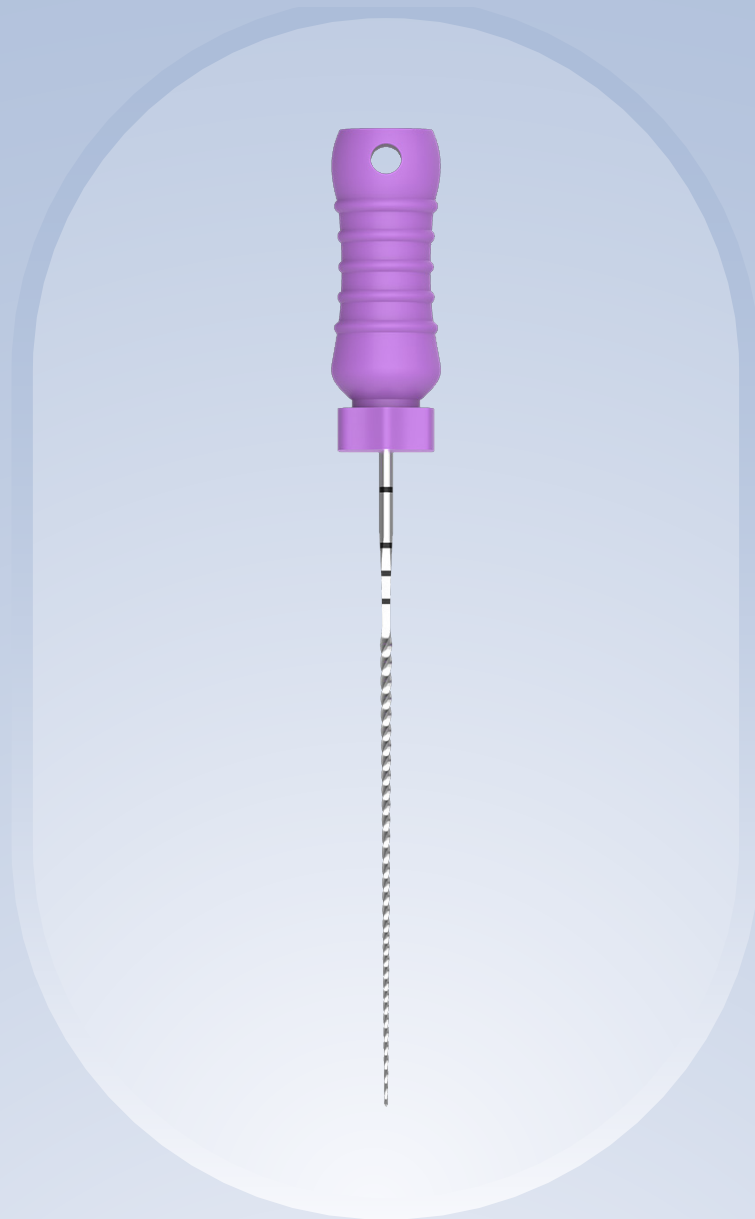
Length	Single Size	Size	Coding
31mm	EXPLORER K FILE	#25	H21 2602 031 025
		#30	H21 2602 031 030
		#35	H21 2602 031 035
		#40	H21 2602 031 040
		#45	H21 2602 031 045
		#50	H21 2602 031 050
		#55	H21 2602 031 055
		#60	H21 2602 031 060
		#70	H21 2602 031 070
		#80	H21 2602 031 080

6 PCS/BOX			
Length	Assorted	Size	Coding
21mm	EXPLORER K FILE	# 6 - #10	H21 1602 021 001
		#15-#40	H21 1602 021 002
		#45-#80	H21 1602 021 003
25mm		# 6 - #10	H21 1602 025 001
		# 8 - #15	H21 1602 025 004
		#15-#40	H21 1602 025 002
		#45-#80	H21 1602 025 003
31mm		# 6 - #10	H21 1602 031 001
		# 8 - #15	H21 1602 031 004
		#15-#40	H21 1602 031 002
		#45-#80	H21 1602 031 003

HAND FILES

NITI K FILE

17



6 PCS/BOX

Length	Single Size	Size	Coding
21mm	NITI K FILE	# 8	H25 2602 021 008
		#10	H25 2602 021 010
		#15	H25 2602 021 015
		#20	H25 2602 021 020
		#25	H25 2602 021 025
		#30	H25 2602 021 030
		#35	H25 2602 021 035
		#40	H25 2602 021 040
25mm	NITI K FILE	# 8	H25 2602 025 008
		#10	H25 2602 025 010
		#15	H25 2602 025 015
		#20	H25 2602 025 020
		#25	H25 2602 025 025
		#30	H25 2602 025 030
		#35	H25 2602 025 035
		#40	H25 2602 025 040
		#45	H25 2602 025 045
		#50	H25 2602 025 050
		#55	H25 2602 025 055
		#60	H25 2602 025 060

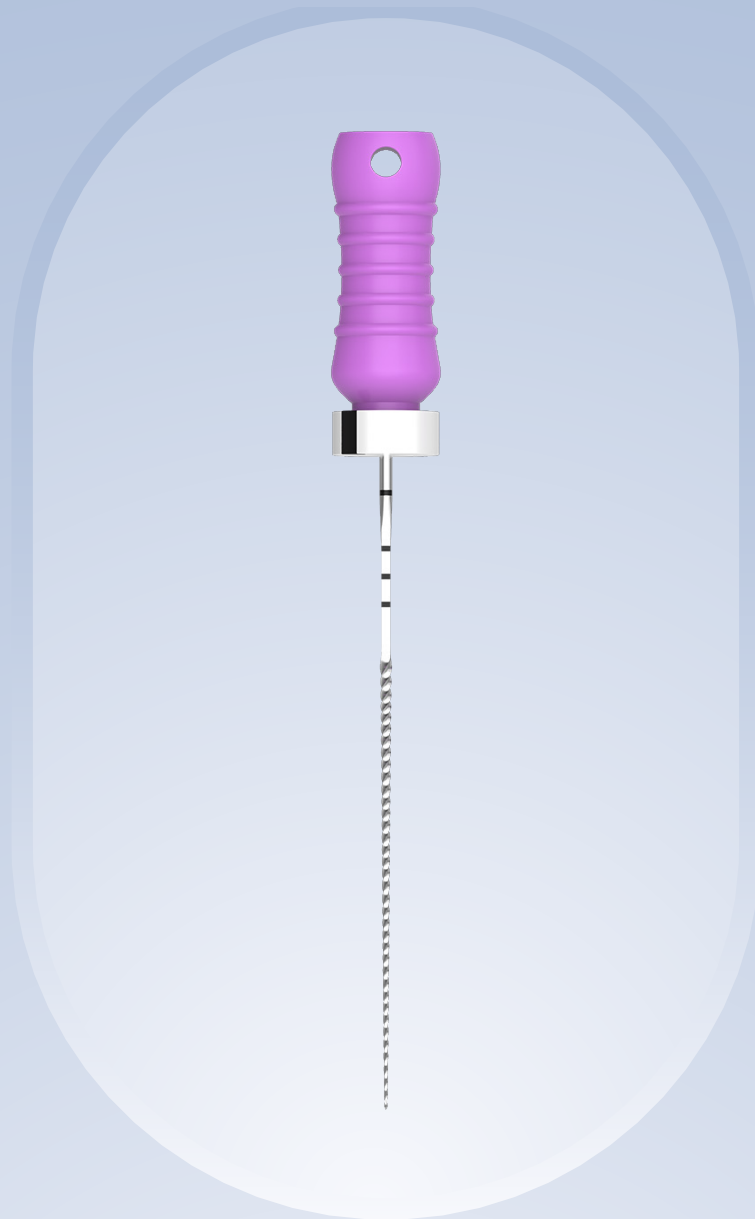
6 PCS/BOX

Length	Assorted	Size	Coding
21mm	NITI K FILE	#15-#40	H25 1602 021 002
		#45-#80	H25 1602 021 003
25mm		#15-#40	H25 1602 025 001
		#45-#80	H25 1602 025 002

HAND FILES

STAINLESS STEEL C FILE

18



C FILE

FEATURE

- Endodontic stops and calibration rings
- Unique tip design
- Excellent canal penetration
- Specified for calcified canals
- Available in 21, 25 and 31mm lengths



6 PCS/BOX

STAINLESS STEEL C FILE

Length	Single Size	Size	Coding
21mm	C FILE	# 6	H17 2602 021 006
		# 8	H17 2602 021 008
		#10	H17 2602 021 010
		#12	H17 2602 021 012
		#15	H17 2602 021 015
25mm		# 6	H17 2602 025 006
		# 8	H17 2602 025 008
		#10	H17 2602 025 010
		#12	H17 2602 025 012
		#15	H17 2602 025 015
31mm		# 6	H17 2602 031 006
		# 8	H17 2602 031 008
		#10	H17 2602 031 010
		#12	H17 2602 031 012
		#15	H17 2602 031 015

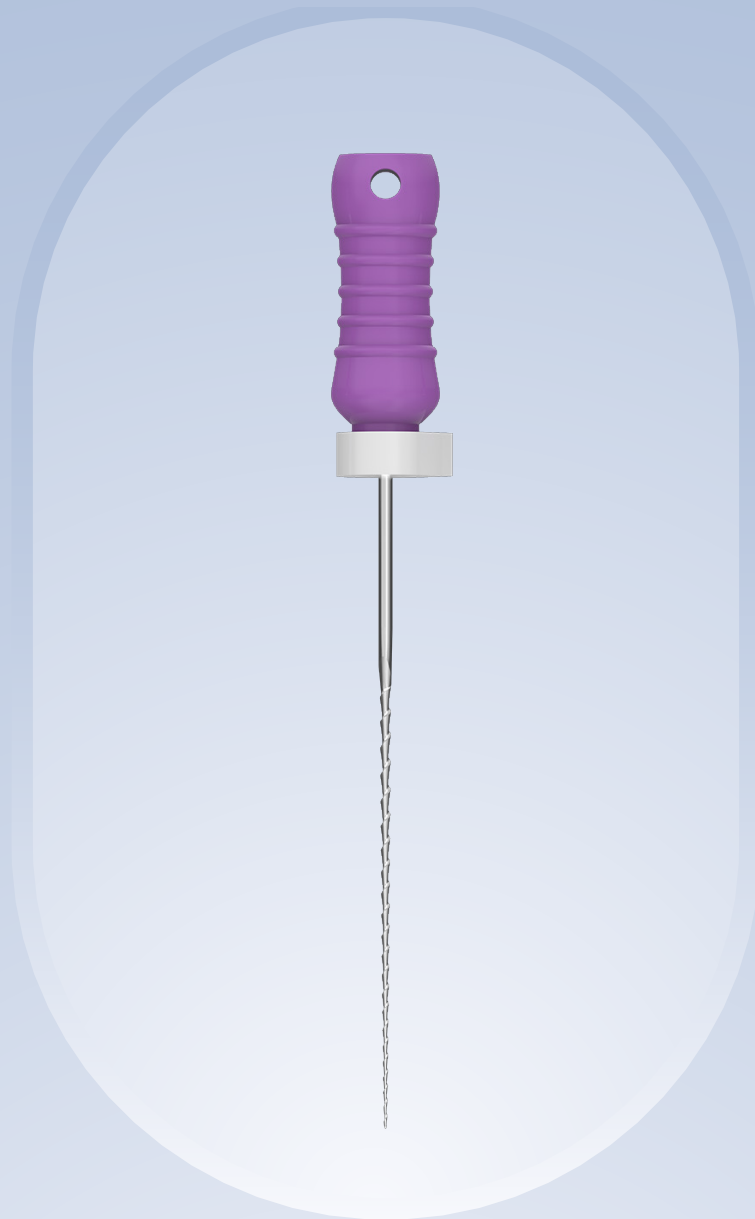
6 PCS/BOX

Length	Assorted	Size	Coding
21mm	C FILE	2*#6+2*#8+2*#10	H17 1602 021 000
		2*#8+2*#10+2*#15	H17 1602 021 002
		2*#8+2*#10+2*#12	H17 1602 021 003
25mm		2*#6+2*#8+2*#10	H17 1602 025 000
		2*#8+2*#10+2*#15	H17 1602 025 001
		2*#10+2*#12+2*#15	H17 1602 025 002
		2*#8+2*#10+2*#12	H17 1602 025 003
31mm		2*#6+2*#8+2*#10	H17 1602 031 000
		2*#8+2*#10+2*#12	H17 1602 031 003

HAND FILES

STAINLESS STEEL H FILE
EXPLORER STAINLESS STEEL H FILE

19



H FILE

FEATURE

- Endodontic stops and calibration rings
- Filling motion without rotation
- Efficient debris removal
- Coronal part preparation
- Obturation materials removal
- Helocoidal shape with single helix teardrop cross section
- Available in 21, 25 and 31mm lengths



6 PCS/BOX

STAINLESS STEEL H FILE

Length	Single Size	Size	Coding
21mm	H FILE	# 6	H15 2602 021 006
		# 8	H15 2602 021 008
		#10	H15 2602 021 010
		#15	H15 2602 021 015
		#20	H15 2602 021 020
		#25	H15 2602 021 025
		#30	H15 2602 021 030
		#35	H15 2602 021 035
		#40	H15 2602 021 040
		#45	H15 2602 021 045
		#50	H15 2602 021 050
		#55	H15 2602 021 055
		#60	H15 2602 021 060
		#70	H15 2602 021 070
25mm	H FILE	#80	H15 2602 021 080
		# 6	H15 2602 025 006
		# 8	H15 2602 025 008
		#10	H15 2602 025 010
		#15	H15 2602 025 015
		#20	H15 2602 025 020
		#25	H15 2602 025 025

Length	Single Size	Size	Coding
25mm	H FILE	#30	H15 2602 025 030
		#35	H15 2602 025 035
		#40	H15 2602 025 040
		#45	H15 2602 025 045
		#50	H15 2602 025 050
		#55	H15 2602 025 055
		#60	H15 2602 025 060
		#70	H15 2602 025 070
		#80	H15 2602 025 080
31mm	H FILE	# 6	H15 2602 031 006
		# 8	H15 2602 031 008
		#10	H15 2602 031 010
		#15	H15 2602 031 015
		#20	H15 2602 031 020
		#25	H15 2602 031 025
		#30	H15 2602 031 030
		#35	H15 2602 031 035
		#40	H15 2602 031 040
		#45	H15 2602 031 045
		#50	H15 2602 031 050
		#55	H15 2602 031 055
		#60	H15 2602 031 060
		#70	H15 2602 031 070
		#80	H15 2602 031 080

6 PCS/BOX				
Length	Assorted	Size	Coding	
21mm	H FILE	# 6 - #10H15 1602 021 001		
		#15-#40	H15 1602 021 002	
		#45-#80H15 1602 021 003		
25mm		# 6 - #10	H15 1602 025 001	
		#15-#40H15 1602 025 002		
		#45-#80	H15 1602 025 003	
31mm		# 6 - #10	H15 1602 031 001	
		#15-#40	H15 1602 031 002	
		#45-#80H15 1602 031 003		

6 PCS/BOX

EXPLORER STAINLESS STEEL H FILE

Length	Single Size	Size	Coding
21mm	EXPLORER H FILE	# 6	H22 2602 021 006
		# 8	H22 2602 021 008
		#10	H22 2602 021 010
		#15	H22 2602 021 015
		#20	H22 2602 021 020
		#25	H22 2602 021 025
		#30	H22 2602 021 030
		#35	H22 2602 021 035
		#40	H22 2602 021 040
		#45	H22 2602 021 045
		#50	H22 2602 021 050
		#55	H22 2602 021 055
		#60	H22 2602 021 060
		#70	H22 2602 021 070
		#80	H22 2602 021 080
25mm	EXPLORER H FILE	# 6	H22 2602 025 006
		# 8	H22 2602 025 008
		#10	H22 2602 025 010
		#15	H22 2602 025 015
		#20	H22 2602 025 020
		#25	H22 2602 025 025
		#30	H22 2602 025 030
		#35	H22 2602 025 035
		#40	H22 2602 025 040
		#45	H22 2602 025 045
		#50	H22 2602 025 050
		#55	H22 2602 025 055
		#60	H22 2602 025 060
		#70	H22 2602 025 070
		#80	H22 2602 025 080
31mm	EXPLORER H FILE	# 6	H22 2602 031 006
		# 8	H22 2602 031 008
		#10	H22 2602 031 010
		#15	H22 2602 031 015
		#20	H22 2602 031 020

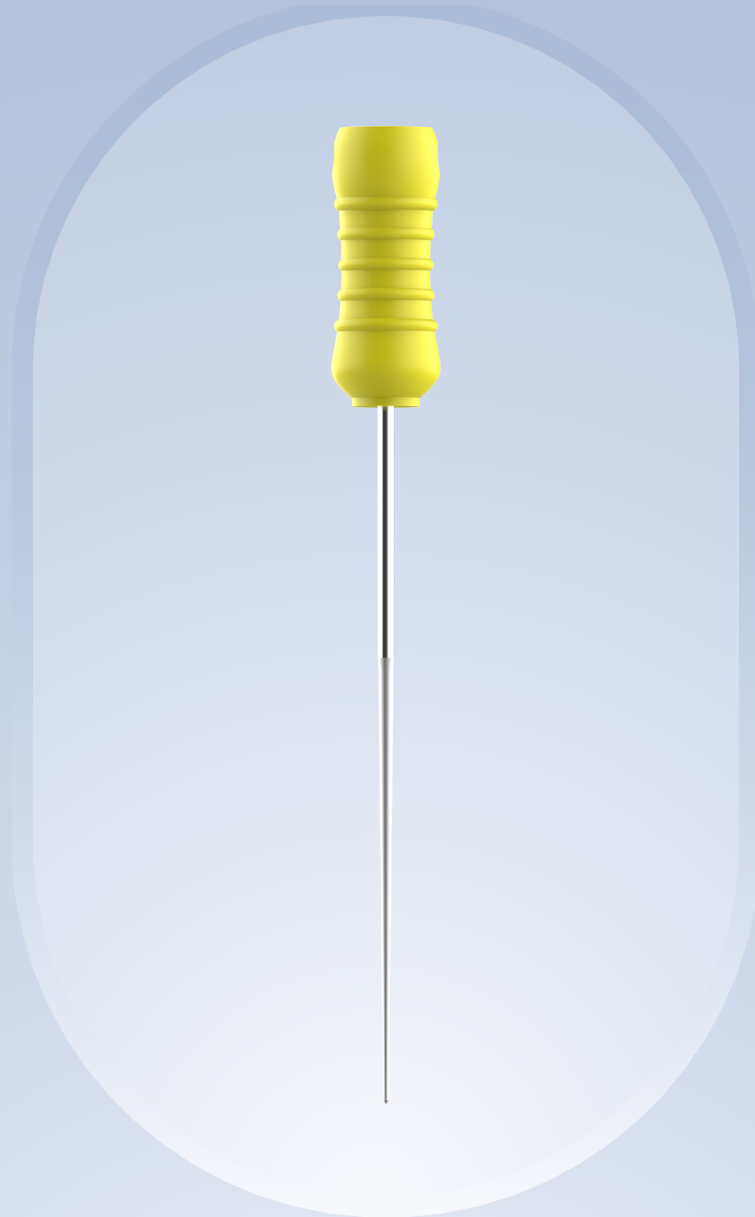
Length	Single Size	Size	Coding
31mm	EXPLORER H FILE	#25	H22 2602 031 025
		#30	H22 2602 031 030
		#35	H22 2602 031 035
		#40	H22 2602 031 040
		#45	H22 2602 031 045
		#50	H22 2602 031 050
		#55	H22 2602 031 055
		#60	H22 2602 031 060
		#70	H22 2602 031 070
		#80	H22 2602 031 080

6 PCS/BOX			
Length	Assorted	Size	Coding
21mm	EXPLORER H FILE	# 6 - # 10	H22 1602 021 001
		#15-#40	H22 1602 021 002
		#45-#80	H22 1602 021 003
25mm		# 6 - # 10	H22 1602 025 001
		#15-#40	H22 1602 025 002
		#45-#80	H22 1602 025 003
31mm		# 6 - # 10	H22 1602 031 001
		#15-#40	H22 1602 031 002
		#45-#80	H22 1602 031 003

HAND FILES

STAINLESS STEEL SPREADER

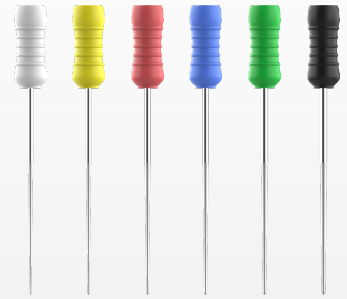
20



SPREADER

FEATURE

- High-quality Stainless-Steel Materials
- Plastic handle
- ISO color code
- Vertical condensation
- Conical tip designed for lateral filling



STAINLESS STEEL SPREADER

6 PCS/BOX

Length	Single Size	Size	Coding
21mm	SPREADER	#15	H29 2602 021 015
		#20	H29 2602 021 020
		#25	H29 2602 021 025
		#30	H29 2602 021 030
		#35	H29 2602 021 035
		#40	H29 2602 021 040
		#45	H29 2602 021 045
		#50	H29 2602 021 050
		#55	H29 2602 021 055
		#60	H29 2602 021 060
		#70	H29 2602 021 070
		#80	H29 2602 021 080
25mm	SPREADER	#15	H29 2602 025 015
		#20	H29 2602 025 020
		#25	H29 2602 025 025
		#30	H29 2602 025 030
		#35	H29 2602 025 035
		#40	H29 2602 025 040
		#45	H29 2602 025 045
		#50	H29 2602 025 050
		#55	H29 2602 025 055

6 PCS/BOX

Length	Single Size	Size	Coding
25mm	SPREADER	#60	H29 2602 025 060
		#70	H29 2602 025 070
		#80	H29 2602 025 080
31mm	SPREADER	#15	H29 2602 031 015
		#20	H29 2602 031 020
		#25	H29 2602 031 025
		#30	H29 2602 031 030
		#35	H29 2602 031 035
		#40	H29 2602 031 040
		#45	H29 2602 031 045
		#50	H29 2602 031 050
		#55	H29 2602 031 055
		#60	H29 2602 031 060
		#70	H29 2602 031 070
		#80	H29 2602 031 080

6 PCS/BOX

Length	Assorted	Size	Coding
21mm	SPREADER	#15-#40	H29 1602 021 001
		#45-#80	H29 1602 021 002
25mm		#15-#40	H29 1602 025 001
		#45-#80	H29 1602 025 002
31mm		#15-#40	H29 1602 031 001
		#45-#80	H29 1602 031 002

HAND FILES

NITI SPREADER

21



NITI SPREADER

6 PCS/BOX

Length	Single Size	Size	Coding
21mm	NITI SPREADER	#15	H30 2602 021 015
		#20	H30 2602 021 020
		#25	H30 2602 021 025
		#30	H30 2602 021 030
		#35	H30 2602 021 035
		#40	H30 2602 021 040
		#45	H30 2602 021 045
		#50	H30 2602 021 050
		#55	H30 2602 021 055
		#60	H30 2602 021 060
		#70	H30 2602 021 070
		#80	H30 2602 021 080
25mm	NITI SPREADER	#15	H30 2602 025 015
		#20	H30 2602 025 020
		#25	H30 2602 025 025
		#30	H30 2602 025 030
		#35	H30 2602 025 035
		#40	H30 2602 025 040
		#45	H30 2602 025 045
		#50	H30 2602 025 050
		#55	H30 2602 025 055
		#60	H30 2602 025 060
		#70	H30 2602 025 070
		#80	H30 2602 025 080
31mm	NITI SPREADER	#15	H30 2602 031 015
		#20	H30 2602 031 020
		#25	H30 2602 031 025
		#30	H30 2602 031 030
		#35	H30 2602 031 035
		#40	H30 2602 031 040
		#45	H30 2602 031 045
		#50	H30 2602 031 050
		#55	H30 2602 031 055
		#60	H30 2602 031 060
		#70	H30 2602 031 070
		#80	H30 2602 031 080

6 PCS/BOX

Length	Assorted	Size	Coding
21mm	NITI SPREADER	#15-#40	H30 1602 021 001
		#45-#80	H30 1602 021 002
25mm		#15-#40	H30 1602 025 001
		#45-#80	H30 1602 025 002
31mm		#15-#40	H30 1602 031 001
		#45-#80	H30 1602 031 002

HAND FILES

STAINLESS STEEL REAMER FILE

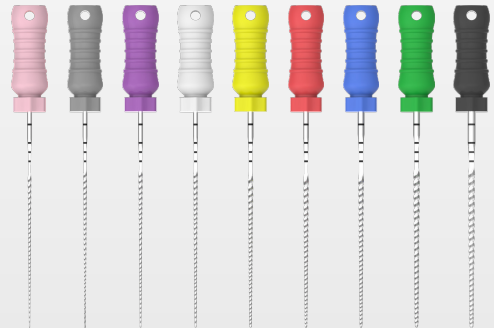
22



Reamer

FEATURE

- Endodontic stops and calibration rings
- Rotation motion
- Canal negotiation and exploration
- Excellent cutting ability
- High efficiency
- Available in 21, 25, 31mm lengths



6 PCS/BOX

Length	Single Size	Size	Coding
21mm	REAMER FILE	# 6	H16 2602 021 006
		# 8	H16 2602 021 008
		#10	H16 2602 021 010
		#15	H16 2602 021 015
		#20	H16 2602 021 020
		#25	H16 2602 021 025
		#30	H16 2602 021 030
		#35	H16 2602 021 035
		#40	H16 2602 021 040
		#45	H16 2602 021 045
		#50	H16 2602 021 050
		#55	H16 2602 021 055
		#60	H16 2602 021 060
		#70	H16 2602 021 070
25mm	REAMER FILE	#80	H16 2602 021 080
		# 6	H16 2602 025 006
		# 8	H16 2602 025 008
		#10	H16 2602 025 010
		#15	H16 2602 025 015
		#20	H16 2602 025 020
		#25	H16 2602 025 025

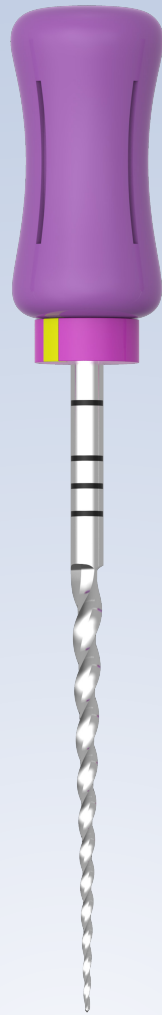
Length	Single Size	Size	Coding
25mm	REAMER FILE	#30	H16 2602 025 030
		#35	H16 2602 025 035
		#40	H16 2602 025 040
		#45	H16 2602 025 045
		#50	H16 2602 025 050
		#55	H16 2602 025 055
		#60	H16 2602 025 060
		#70	H16 2602 025 070
		#80	H16 2602 025 080
31mm	REAMER FILE	#15	H16 2602 031 015
		#20	H16 2602 031 020
		#25	H16 2602 031 025
		#30	H16 2602 031 030
		#35	H16 2602 031 035
		#40	H16 2602 031 040
		#45	H16 2602 031 045
		#50	H16 2602 031 050
		#55	H16 2602 031 055
		#60	H16 2602 031 060
		#70	H16 2602 031 070
		#80	H16 2602 031 080

6 PCS/BOX			
Length	Assorted	Size	Coding
21mm	REAMER FILE	#15-#40	H16 1602 021 001
		#45-#80	H16 1602 021 002
25mm		#15-#40	H16 1602 025 001
		#45-#80	H16 1602 025 002
31mm		#15-#40	H16 1602 031 001
		#45-#80	H16 1602 031 002

HAND FILES

V-TAPER HAND

23



V-TAPER HAND

FEATURE

- Variable taper
- NiTi materials with flexibility
- Convex-triangular cross sectional design
- Efficient cutting and shaping ability
- Available in 21, 25 and 31mm lengths



6 PCS/BOX

Length	Single Size	Taper	Size	Coding
19mm	SX	04 vt	#19	H01 2604 019 019
21mm	S 1	02 vt	#18	H01 2602 021 018
	S2	04 vt	#20	H01 2604 021 020
	F 1	07 vt	#20	H01 2607 021 020
	F2	08 vt	#25	H01 2608 021 025
	F3	09 vt	#30	H01 2609 021 030
25mm	S 1	02 vt	#18	H01 2602 025 018
	S2	04 vt	#20	H01 2604 025 020
	F 1	07 vt	#20	H01 2607 025 020
	F2	08 vt	#25	H01 2608 025 025
	F3	09 vt	#30	H01 2609 025 030
31mm	S 1	02 vt	#18	H01 2602 031 018
	S2	04 vt	#20	H01 2604 031 020
	F 1	07 vt	#20	H01 2607 031 020
	F2	08 vt	#25	H01 2608 031 025
	F3	09 vt	#30	H01 2609 031 030

6 PCS/BOX

Length	Assorted	Coding
21mm	SX+S1+S2+F1+F2+F3	H01 1600 021 000
25mm	SX+S1+S2+F1+F2+F3	H01 1600 025 000
31mm	SX+S1+S2+F1+F2+F3	H01 1600 031 000

ACCESSORY

C-HANDLE

24



C-Handle



Slim-Waist Shaped Design

Easy to connect the Apex Locator



Pen-grasping Holder

Ergonomic design for holding the instrument comfortably



Non-slipped Raised Dots Design

Enlarge the surface area of contacting for drop-prevent



Snap ring attachment

Fix up the instruments tightly

- Compatible with Manual Files
- Convenient and Practical
- Autoclavable Sterilization
- Long Handle Design for Expanding Field of View
- Incorporating Apex Locator at the Top with Connectivity
- Comfortable Holder
- Frosted Design

Practical Cases:

Compatible with C Files for locating the orifice canal;
A dapted with small-size hand files and Apex Locator for determining the working length;
Convenient for recapitulation in between files;
Auxiliary attachment for finishing obturation employed plugger and spreader.

Matched Products with C-Handle

K File

C File



Apex locator



Single Size	Color	Coding
C-HANDLE	PINK	CHC11
C-HANDLE	WHITE	CHC21

HAND FILES

MC-shaper

MC-opener

25



MC-shaper/MC-opener

FEATURE



- Easy operation with long handle
- Flexible Stainless-Steel Instruments
- Build up smooth path for posterior teeth
- Excellent negotiation performance

	Single Size	Taper	Size	Coding
MC-SHAPER	#1	02	#20	F13 2302 020
	#2	02	#25	F13 2302 025
	#3	02	#30	F13 2302 030

	Assorted	Coding
MC-SHAPER	#1+#2+#3	F13 1302 000

	Single Size	Taper	Size	Coding
MC-OPENER	#1	04	#10	F13 2304 010
	#2	04	#15	F13 2304 015
	#3	04	#20	F13 2304 020

	Assorted	Coding
MC-OPENER	#1+#2+#3	F13 1304 000

ACCESSORY

PLUGGER

26



PLUGGER

FEATURE



- ISO color codes
- Stainless steel plugger with length markings
- Flexible Ni-Ti hand plugger for narrow and curved canals
- Special design with both NiTi and Stainless-Steel Tips
- Double-tip with two different sizes

	Single Size	Ni-Ti	Sst	Coding
PLUGGER	#1	35/03	70/02	F34 2103 025 035
	#2	40/03	80/02	F34 2103 025 040
	#3	50/03	100/02	F34 2103 025 050
	#4	60/03	120/02	F34 2103 025 060

EQUIPMENT

iROOT PRO

(endo motor)

27



iRoot Pro

FEATURE



Compatible with most
of NiTi files on market



6 angles available both
hands are applicable



10 memory setting +
quick start setting



Portable, Smart,
Cordless



Integrated wireless control
function, displayed data
synchronize



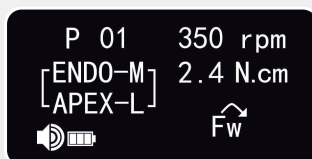
Cordless motor, no accesso-
ries required, clean and clear

The most convenient root canal treatment system, complete root canal length measurement and root canal preparation on the handpiece, you just need to connect a lip hook with the motor to make the canal length measurement and preparation at the same time.

Four Working Modes

Endo motor for root canal preparation with
integrated apex locator.

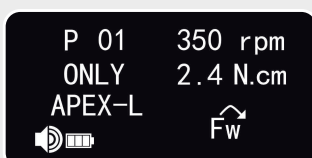
Endo Motor + Apex Locator



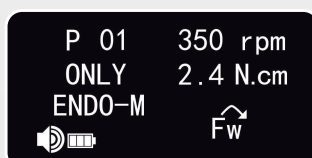
**Apex Locator
Control Motor**



**Apex Locator
Endo Motor**



**Apex Locator
Independent**



**Endo Motor
Independent**



**Connection with
Pedal available**

Product name	Coding
FANTA-Endodontic Motor/iRoot pro--European-standard	BM-SRCT2006
FANTA-Endodontic Motor/iRoot pro--American standard	BM-SRCT2012
iRoot pro CONTRA ANGLE, 16:1	BM-SMEM0048
Iroot Pro, Battery charger, Green	BM-SMEM0040
Iroot Pro, Rubber case	BM-PRCT0001
Iroot Pro/Wispex, Lip hook	BM-MRCT0005
Iroot Pro/Wispex, File clip, 1pcs/pack	BM-ERCT0005
Iroot Pro, Spray nozzle	BM-MMEM1032
Iroot Pro/Wispex, measuring cable A	BM-ERCT0002
Iroot Pro, measuring cable B	BM-ERCT0001
Iroot Pro/Wispex, adaptor, American standard, 5V/1A	BM-EMEM0027
Iroot Pro/Wispex, Charging wire	BM-EMEM0002
Iroot Pro/Wispex, adaptor, Europe standard	BM-EMEM0001

EQUIPMENT

iRoot Ultra

(endo motor)

28



iRoot Ultra

endo motor

MODEL

SCM-018



Wireless charging



4 Operation modes available



Apical action settings



Integrated 4 working modes



Brushless motor

Fanta's first brushless motor serves you the circumstance with low noise when the equipment works, and extremely enhances the service life of the motor for economy. It works more stable and reduces the risk of instrument separation which enables high-efficient preparation.



Inbuilt file system presets

Most Fanta rotary files (including F One, Rising, AF Rotary) and other mainstream files preset the recommended speed and torque in the unit, a redundant process is left out when you use the files and cater the settings, which greatly improves your daily working experience.



Mini 6:1 360° rotatable contra-angle



Wireless control



10 memory programs



Operated by both left and right hands



Parameters:

Speed: 100-2500rpm

Torque: 0.4-4N.cm

Battery Capacity: 2000mAh

Reciprocate angle: 30-370°, adjustment range at 10° intervals

Screen resolution: 1.13 inch OLED

EQUIPMENT

iRoot Mini

(endo motor)

29



iRoot Mini

endo motor

MODEL

iRoot mini SE



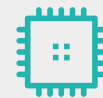
Minimum volume of 190mm, easy to hold in one hand



Super light weight of 99g, comfortable and barely noticeable



Ultra-Quiet Technology, more stable, not afraid of noise



Customizable Modes: 10 presets for tailored functionality



Maximum speed up to 800RPM, achieving high efficiency



EQUIPMENT

ACTOR I PRO

(ultrasonic endo activation device)

30



ACTOR I PRO

Ultrasonic Endo Activation Device

FEATURE



Small Amplitude, Strong Power

Mute ultrasonic technology, Small amplitude but strong power, more stable and less noisy during working.

1600



1600 mAh

Longer standby time.



Front Light

The LED light gives a better view inside oral cavity.



Wireless Charging

Equipped with wireless charger, faster and more convenient.



40-50Khz

Two Working Modes

Regular and high power options, meet different situation requirement.



Tips Meet More Root Canal Situation Requirement

3TIPS/E98 ; 3TIPS/EL96

Low power is typically used deep in the root canal to avoid damaging the dentin and is suitable for lifting and irrigation. High power provides stronger vibration and is generally suitable for larger root canals. When used with an appropriate working tip, it can assist in removing broken needles. High power: The excitation voltage amplitude is 110-140V peak-to-peak; low power: The excitation voltage amplitude is 60-90V peak-to-peak.

ACTOR I PRO

Product name	Coding
Ultrasonic Endo Activation Devices/Actor I pro, American standard	BM-SRCW1010
Ultrasonic Endo Activation Devices/Actor I pro, European standard	BM-SRCW2009
Actor I pro, Rubber case	BM-PRCW0012
Actor I pro, wrench, 1pcs/pack	BM-MRCW0004
Actor I pro, Working Tips, EL96, #20/02, 21mm, 1pc/box	BM-MRCW1001
Actor I pro, Working Tips, E98, #25/02, 18mm, 1pc/box	BM-MRCW1002
Actor I pro/eHeater/eFiller, Changeable plug, American standard	BM-EUPA0005
Actor I pro/eHeater/eFiller, Changeable plug, Europe standard	BM-EUPA0004
Actor I pro, adaptor, 5V/1A	BM-EUPA0001

EQUIPMENT

eHEATER

(obturation system down pack)

31



eHEATER

obturation system down pack

FEATURE

NOTE: The set value is 230 degrees, and the room temperature is 25 degrees, and it returns to normal temperature after 25 seconds.



eHEATER

Product name	Coding
Endodontic Obturation Devices/eHeater, European standard	BM-SRCH1009
Endodontic Obturation Devices/eHeater, American standard	BM-SRCH1010
FANTA eHeater, Heat-Tip Kit, 4pcs/box	BM-SRCH0100
FANTA eHeater, Heat-Tip Kit, 4pcs/box, single size, 40/04	BM-SRCH0105
FANTA eHeater, Heat-Tip Kit, 4pcs/box, single size, 45/04	BM-SRCH0106
FANTA eHeater, Heat-Tip Kit, 4pcs/box, single size, 50/04	BM-SRCH0107
Endodontic Obturation Devices/eHeater, Charging base	BM-SRCH0004
Actor I pro/eHeater/eFiller, Changeable plug, American standard	BM-EUPA0005
Actor I pro/eHeater/eFiller, Changeable plug, Europe standard	BM-EUPA0004
Endodontic Obturation Devices/eHeater&eFiller, adaptor, 5V/2A	BM-EUPA0002

EQUIPMENT

eFILLER

eFiller Obturation System Backfill

32



eFiller

eFiller Obturation System Backfill



Ergonomic design

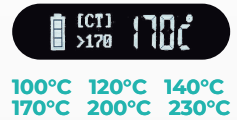
Balanced and comfortable hand feeling



2600mAh

Longer standby time

The cut-off temperature can be preset



Adjustable Temperature

Wider temperature range, adapt to more gutta percha points on the market.

14s

Rapid heating

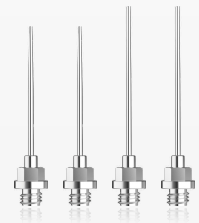
It only takes 14 seconds to quickly melt the gutta percha point. Reduce the warm-up waiting time.



Four working tips available

2 tips / 23G
2 tips / 25G

Note: Different lengths, same material



eFILLER

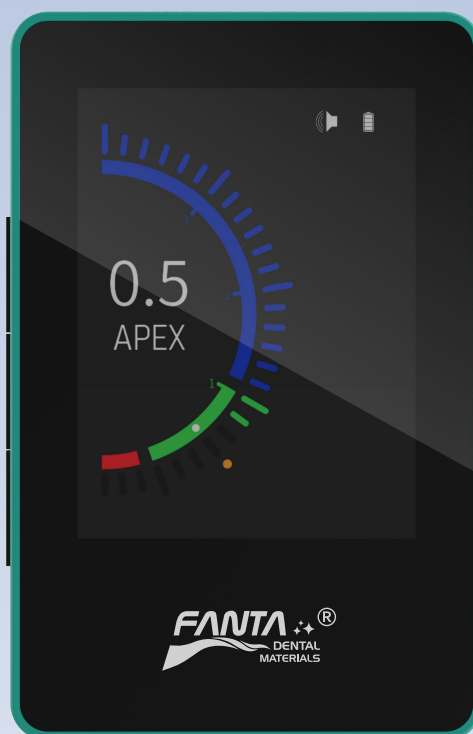
Product name	Coding
FANTA-Endodontic Obturation Devices/eHeater&eFiller, adaptor, 5V/2A	BM-EUPA0002
Actor I pro/eHeater/eFiller, Changeable plug, Europe standard	BM-EUPA0004
Actor I pro/eHeater/eFiller, Changeable plug, Americian standard	BM-EUPA0005
eFiller, Cleaning brush	BM-MRCF0010
FANTA-Endodontic Obturation Devices/eFiller, Charging base	BM-SRCF0005
FANTA-Endodontic Obturation Devices/eFiller, Tip set, 4 pcs, 2*23G+2*25G	BM-SRCF0100
FANTA-Endodontic Obturation Devices/eFiller, European standard, CE marked	BM-SRCF3004
FANTA-Endodontic Obturation Devices/eFiller, American standard, CE marked	BM-SRCF3005

EQUIPMENT

WISPEX

(apex locator)

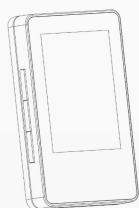
33



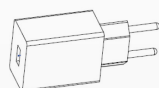
WISPEX

apex locator

Specification:



Main Unit



Power Adaptor



Measuring Cable



USB Cable



Operation Manual



File Clips *3



Lip Hooks *3



HD

High resolution



Advanced dual-frequency tech



High accuracy in wet&dry canals



Adjustable reference position



Auto calibration



Weight:
85g

Connection with
Pedal available

Dimensions: 94mm (length)*60mm (width)*13mm (height)

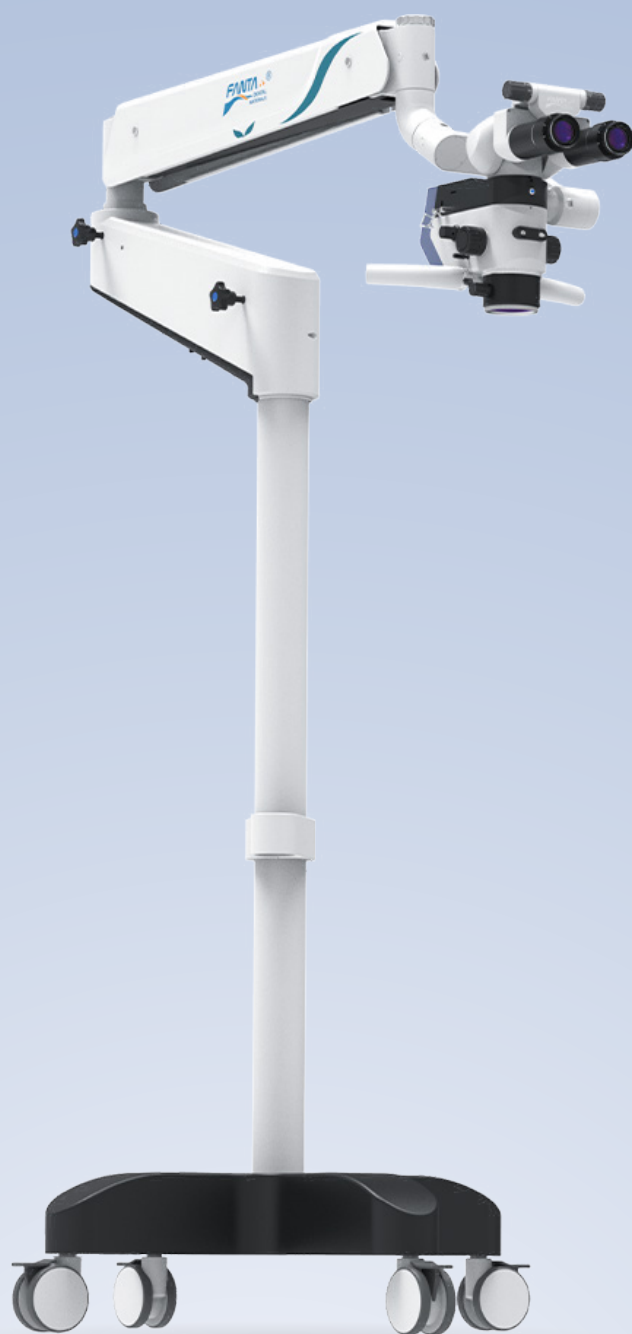
WISPEX

Product name	Coding
FANTA-Apex locator/Wispex--European-standard	BM-SRRA1010
FANTA-Apex locator/Wispex--American standard	BM-SRRA1001
Iroot Pro/Wispex, Lip hook	BM-MRCT0005
Iroot Pro/Wispex, File clip, 1pcs/pack	BM-ERCT0005
Iroot Pro/Wispex, measuring cable A	BM-ERCT0002
Iroot Pro/Wispex, adaptor, American standard, 5V/1A	BM-EMEM0027
Iroot Pro/Wispex, Charging wire	BM-EMEM0002
Iroot Pro/Wispex, adaptor, Europe standard	BM-EMEM0001

DENTAL MICROSCOPE

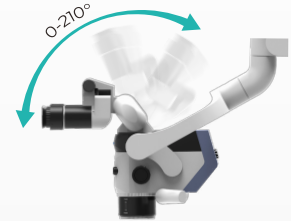
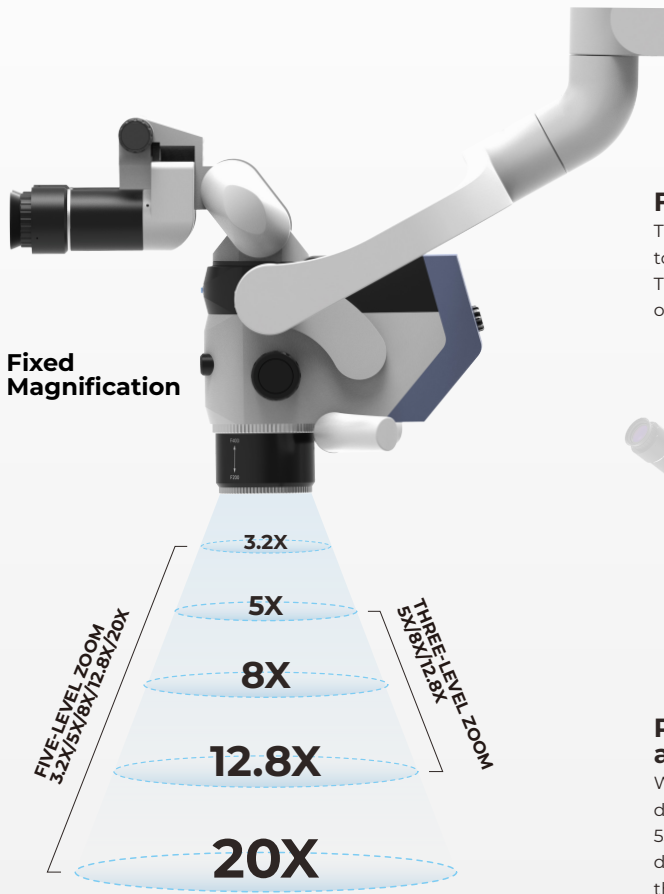
MCS 3000A

34



MCS 3000A

Fanta Surgical Microscope



Foldable eyepiece barrel

The variable angle eyepiece barrel with a range of 0-210° is designed according to ergonomics, providing a comfortable working position for doctors. The elongated binocular eyepiece barrel reduces the forward leaning of the operator and increases the space for operations under the microscope.



Adjustment handles

The two sides are equipped with high-quality LC control handles, which are fully adapted to the usage habits of doctors.

Fine focus objective lens

With a zoom range of 200-400mm, it can meet the operation space of 200mm and is suitable for more clinical operations.

Pupil distance adjustment

With a brand new design, the pupil distance can be adjusted from 55mm to 75mm, and the pupil distance can be accurately adjusted through the two knobs at both ends.



200mm ultra-large zoom range



Nano silver ion antibacterial coating

The entire body of the microscope is coated with a permanent nano silver ion coating for added protection, which can further maintain the hygiene of the microscope surface and reduce the attachment of pathogens, meeting the requirements of outpatient infection control.

Principle of nano silver ion sterilization:

Positively charged silver ions adsorb to negatively charged microbial cells upon contact. Silver ions pierce the outer surface of cells, damaging their DNA and inhibiting protein formation, causing the cells to be unable to metabolize and reproduce, leading to their death, thus achieving sterilization. After the cells lose their activity, the silver ions continue to have antibacterial effects, with sustained antibacterial efficacy, without toxicity or side effects.

Built-in high-definition imaging system

Based on SONY's high-end image sensor, with a maximum resolution of 1920*1080. It supports 30FPS frame rate display and video recording.



Three-level zoom 5X/8X/12.8X

Low magnification: wide field of view, high brightness, seeing the overall situation (positioning view)

Medium magnification: most operations are completed at this magnification (application)

High magnification: observation of fine anatomical structures.

Standard

Product name	Coding
FANTA Surgical Microscope, MCS3000A, 3-Speed	XM-13M-0002
FANTA Surgical Microscope, MCS3000A, 5-Speed	XM-13M-0005
MCS3000A, Accessories Package, pro+Binoculars	XM-260-0035
Objective lens, tweak, F250	XM-2G0-0007
MCS3000A, Monitor supporter	XM-2J0-0074

Optional

Product name	Coding
Optical splitter	XM-2G0-0009
Rotating ring	XM-2G0-0010
Variable focal objective lens, 180-460mm	XM-2G0-0066
Variable focal objective lens, 200-550mm	XM-2G0-0092
Variable focal objective lens, 200-400mm	XM-2G0-0098
Pendulum Assembly	XM-2G0-0099
Assistant Mirror Component	XM-2G0-0110
Phone adapter	XM-2G0-0115
Ceiling mount	XM-2J0-0009
MCS3000A, Wall mount bracket	XM-2J0-0015
Floor stand	XM-2J0-0057

ACCESSORIES

GUTTA PERCHA

35



GUTTA PERCHA

FEATURE

- Suitable for the endo files system
- Great bio-compatible under strict examination
- High radiopacity to observe the filling of root canals
- Good flexibility for available entrance into tiny and curved canals

Made of rubber, good plasticity, soften heated by 40°C, hardened after cooling, tightly packed, good tissue affinity, according to ISO standard, size can be rectified by the top's color, it can be easily taken out from the root canal.

The gutta-percha is placed with an adhesive cement to ensure complete sealing of the root canals. In most cases, a temporary filling is placed to close the opening.

Tips:

Tip finishing: Cutting with scalpel rather than sheer force, because the section of cutting is roundish, but the section of sheer is oblate. It's also can used with professional trimmer.



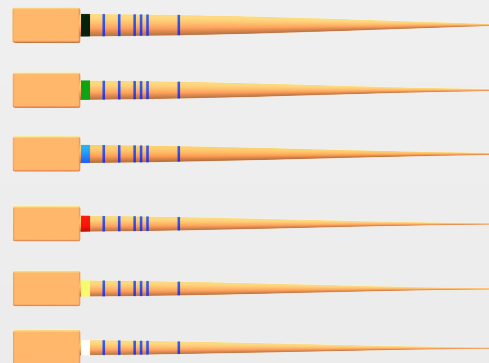
GUTTA PERCHA(no marked)



GUTTA PERCHA(with marked)



**Machine-made
GUTTA PERCHA(no marked)**



**Machine-made
GUTTA PERCHA(with marked)**

GUTTA PERCHA(no marked)

Size	Taper	Specification	Piece
#15	2%	Single	120
#20	2%	Single	120
#25	2%	Single	120
#30	2%	Single	120
#35	2%	Single	120
#40	2%	Single	120
#15-40	2%	Assorted	120
#45	2%	Single	120
#50	2%	Single	120
#55	2%	Single	120
#60	2%	Single	120
#70	2%	Single	120
#80	2%	Single	120
#45-80	2%	Assorted	120
#90	2%	Single	60
#100	2%	Single	60
#110	2%	Single	60
#120	2%	Single	60
#90-140	2%	Assorted	60
#15	4%,6%	Single	60
#20	4%,6%	Single	60
#25	4%,6%	Single	60
#30	4%,6%	Single	60
#35	4%,6%	Single	60
#40	4%,6%	Single	60
#15-40	4%,6%	Assorted	60
#45	4%,6%	Single	60
#50	4%,6%	Single	60
#55	4%,6%	Single	60
#60	4%,6%	Single	60
#70	4%,6%	Single	60
#80	4%,6%	Single	60
#45-80	4%,6%	Assorted	60
F		Single	100

Size	Taper	Specification	Piece
FF		Single	100
FM		Single	100
MF		Single	100
Small		Single	60
Primary		Single	60
Medium		Single	60
Large		Single	60
Small+Primary+Medium+Large		Assorted	60
F1	VT	Single	60
F2	VT	Single	60
F3	VT	Single	60
F4		Single	60
F5		Single	60
F1-F3		Assorted	60
F1-F5		Assorted	60
F1+(F2+F2)+F3+F4+F5		Assorted	60
R25	VT	Single	60
R40	VT	Single	60
R50	VT	Single	60
RISING R2		Single	60
RISING R3		Single	60
RISING R4		Single	60
RISING R2+R3+R4		Assorted	60

GUTTA PERCHA(with marked)

Size	Taper	Specification	Piece
#15	2%	Single	120
#20	2%	Single	120
#25	2%	Single	120
#30	2%	Single	120
#35	2%	Single	120
#40	2%	Single	120
#15-40	2%	Assorted	120
#45	2%	Single	120
#50	2%	Single	120
#55	2%	Single	120
#60	2%	Single	120
#70	2%	Single	120
#80	2%	Single	120
#45-80	2%	Assorted	120
#90	2%	Single	60
#100	2%	Single	60
#110	2%	Single	60
#120	2%	Single	60
#90-140	2%	Assorted	60
#15	4%,6%	Single	60
#20	4%,6%	Single	60
#25	4%,6%	Single	60
#30	4%,6%	Single	60
#35	4%,6%	Single	60
#40	4%,6%	Single	60
#15-40	4%,6%	Assorted	60
#45	4%,6%	Single	60
#50	4%,6%	Single	60
#55	4%,6%	Single	60
#60	4%,6%	Single	60
#70	4%,6%	Single	60
#80	4%,6%	Single	60
#45-80	4%,6%	Assorted	60
MF		Single	100

Size	Taper	Specification	Piece
Small		Single	60
Primary		Single	60
Medium		Single	60
Large		Single	60
Small+Primary+Medium+Large		Assorted	60
F1	VT	Single	60
F2	VT	Single	60
F3	VT	Single	60
F4		Single	60
F5		Single	60
F1-F3	VT	Assorted	60
F4-F5		Assorted	60
F1+(F2+F2)+F3+F4+F5		Assorted	60
R25	VT	Single	60
R40	VT	Single	60
R50	VT	Single	60
RISING R2		Single	60
RISING R3		Single	60
RISING R4		Single	60
RISING R2+R3+R4		Assorted	60

Machine-made

GUTTA PERCHA(no marked)

Size	Taper	Specification	Piece
#20	2%	Single	120
#25	2%	Single	120
#30	2%	Single	120
#35	2%	Single	120
#40	2%	Single	120
#20	4%	Single	60
#25	4%	Single	60
#30	4%	Single	60
#35	4%	Single	60
#40	4%	Single	60
#20	6%	Single	60
#25	6%	Single	60
#30	6%	Single	60
#35	6%	Single	60
#40	6%	Single	60
F1	VT	Single	60
F2	VT	Single	60
F3	VT	Single	60
F1+F2+F3	VT	Assorted	60
#20*20+#25*40+#30*20+#35*20+#40*20	2%	Assorted	120
#20*10+#25*20+#30*10+#35*10+#40*10	4%	Assorted	60
#20*10+#25*20+#30*10+#35*10+#40*10	6%	Assorted	60

Machine-made

GUTTA PERCHA(with marked)

Size	Taper	Specification	Piece
#20	2%	Single	120
#25	2%	Single	120
#30	2%	Single	120
#35	2%	Single	120
#40	2%	Single	120
#20	4%	Single	60
#25	4%	Single	60
#30	4%	Single	60
#35	4%	Single	60
#40	4%	Single	60
#20	6%	Single	60
#25	6%	Single	60
#30	6%	Single	60
#35	6%	Single	60
#40	6%	Single	60
F1	VT	Single	60
F2	VT	Single	60
F3	VT	Single	60
F1+F2+F3	VT	Assorted	60
#20*20+#25*40+#30*20+#35*20+#40*20	2%	Assorted	120
#20*10+#25*20+#30*10+#35*10+#40*10	4%	Assorted	60
#20*20+#25*20+#30*20	4%	Assorted	60
#20*10+#25*20+#30*10+#35*10+#40*10	6%	Assorted	60
#20*20+#25*20+#30*20	6%	Assorted	60

ACCESSORIES

PAPER POINT

36



PAPER POINT

FEATURE

- Suitable for the endo files system
- Tapered design&Smooth surface
- Excellent absorbent

MAIN ELEMENT: Cotton paper

To dry the canals and allow better adhesion of the sealing and obturation materials.



PAPER POINT(no marked)



PAPER POINT(with marked)

PAPER POINT(no marked)

Size	Taper	Specification	Piece
#15	2%	Single	200
#20	2%	Single	200
#25	2%	Single	200
#30	2%	Single	200
#35	2%	Single	200
#40	2%	Single	200
#15-40	2%	Assorted	200
#45	2%	Single	200
#50	2%	Single	200
#55	2%	Single	200
#60	2%	Single	200
#70	2%	Single	200
#80	2%	Single	200
#45-80	2%	Assorted	200

Size	Taper	Specification	Piece
#90	2%	Single	100
#100	2%	Single	100
#110	2%	Single	100
#120	2%	Single	100
#90-140	2%	Assorted	100
#15	4%,6%	Single	100
#20	4%,6%	Single	100
#25	4%,6%	Single	100
#30	4%,6%	Single	100
#35#40	4%,6%	Single	100
#15-40	4%,6%	Single	100
#45	4%,6%	Assorted	100
#50	4%,6%	Single	100
#55	4%,6%	Single	100
#60	4%,6%	Single	100
#70	4%,6%	Single	100
#80	4%,6%	Single	100
#45-80	4%,6%	Single	100
F1-F3	4%,6%	Assorted	100
F1	VT	Single	100
F2	VT	Single	100
F3	VT	Single	100
F4		Single	100
F5		Single	100
F1+(F2+F2)+F3+F4+F5		Assorted	100
R25	VT	Single	100
R40	VT	Single	100
R50	VT	Single	100
RISING R2		Single	100
RISING R3		Single	100
RISING R4		Single	100
RISING R2+R3+R4		Assorted	100

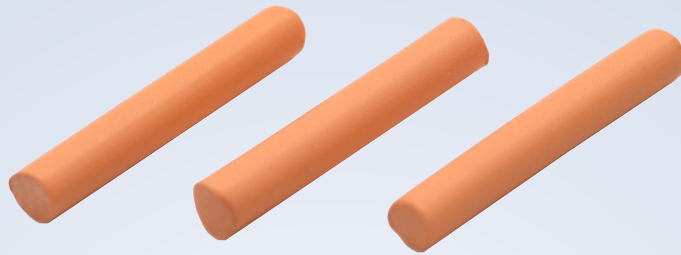
PAPER POINT(with marked)

Size	Taper	Specification	Piece
#15	2%	Single	200
#20	2%	Single	200
#25	2%	Single	200
#30	2%	Single	200
#35	2%	Single	200
#40	2%	Single	200
#15-40	2%	Assorted	200
#45	2%	Single	200
#50	2%	Single	200
#55	2%	Single	200
#60	2%	Single	200
#70	2%	Single	200
#80	2%	Single	200
#45-80	2%	Assorted	200
#90	2%	Single	100
#100	2%	Single	100
#110	2%	Single	100
#120	2%	Single	100
#90-140	2%	Assorted	100
#15	4%,6%	Single	100
#20	4%,6%	Single	100
#25	4%,6%	Single	100
#30	4%,6%	Single	100
#35	4%,6%	Single	100
#40	4%,6%	Single	100
#15-40	4%,6%	Assorted	100
#45	4%,6%	Single	100
#50	4%,6%	Single	100
#55	4%,6%	Single	100
#60	4%,6%	Single	100
#70	4%,6%	Single	100
#80	4%,6%	Single	100
#45-80	4%,6%	Assorted	100
MF		Single	100

Size	Taper	Specification	Piece
F1-F3	VT	Assorted	100
F1-F5		Assorted	100
F1	VT	Single	100
F2	VT	Single	100
F3	VT	Single	100
F4		Single	100
F5		Single	100
R25	VT	Single	100
R40	VT	Single	100
R50	VT	Single	100
Small		Single	100
Primary		Single	100
Medium		Single	100
Large		Single	100
Small+Primary+Medium+Large		Assorted	100
RISING R2		Single	100
RISING R3		Single	100
RISING R4		Single	100
RISING R2+R3+R4		Assorted	100

Warm Gutta-percha material

37



Warm Gutta-percha material

FEATURE

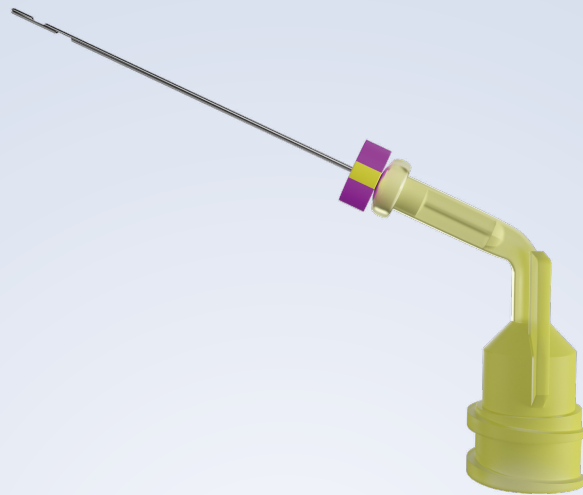
- Suitable for any kind Gutta Percha Obturation
- Great fluidity
- Available viscosity
- Melt at 150°C-180°C
- Φ 2.5mm/ Φ 3.0mm freely to choose

Warm Gutta-percha material

Product name	Size	Coding	Piece
Warm Gutta-percha material	2.5mm	WGPMD1	100pcs/box
	3.0mm	WGPMD2	100pcs/box
	2.5mm	WGPMD3	50pcs/box
	3.0mm	WGPMD4	50pcs/box

IRRIGATION NEEDLE

38

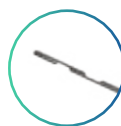


IRRIGATION NEEDLE

FEATURE

- Thin Wall
- Two lateral vents
- Closed front-end
- Rounded tip
- Free of burrs

Product name	Φ	Size	Length	Coding	Piece
Irrigation needle,Pre-bend	0.3mm (30G)	two holes 	22mm	INB-3022-T-100	100pcs/box
		two holes 	26mm	INB-3026-T-100	100pcs/box
Irrigation needle,Straight		two holes 	22mm	INS-3022-T-100	100pcs/box
		two holes 	26mm	INS-3026-T-100	100pcs/box



Double Side Port Needle Tips

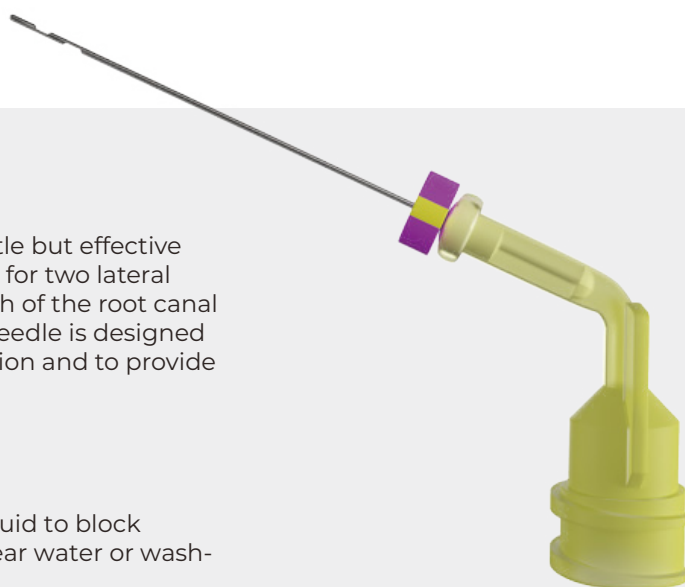
Side Port Ensures Excellent Irrigation

Two lateral vents

The Needle with two lateral vents for gentle but effective irrigation of the root canal. Special design for two lateral vents and rounded end that the full length of the root canal may be safely irrigated. This thin walled needle is designed to improve flow rate, to offer better irrigation and to provide more flexibility.

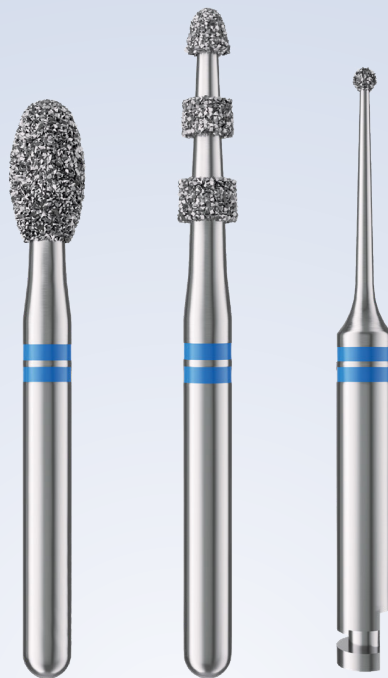
Note: ⚠

1. Pay attention to the crystal in flashing fluid to block irrigation needle, washing needle with clear water or washing plugging needle with ultrasonic.
2. Suitable for curved root canal, pre-bend needle in advance.



FANTA BURS

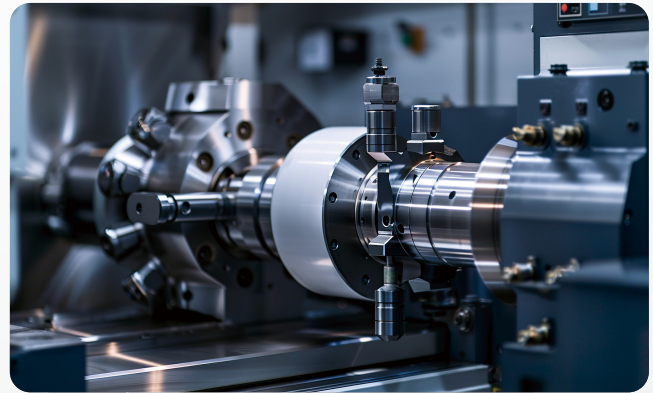
39



Diamond Burs Technology

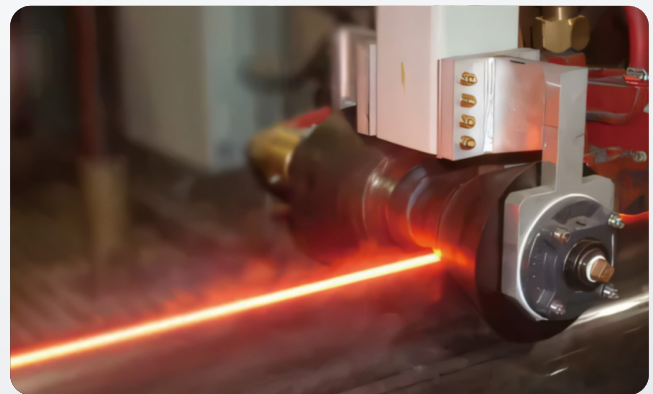
Single rod Lathe processing

Our state-of-the-art high-precision machine tools are employed for the full body precision turning of the bur, with precision up to 0.003 microns, this meticulous process enhances the coaxiality of the bur and minimizes radial runout, ensuring a smoother and more consistent grinding surface in clinical applications.



Annealing to improve hardness

FANTA proprietary annealing process reconstructs the crystal structure of stainless steel, improving its hardness from 200HV to a maximum of 780HV. This enhancement not only strengthens the bur but also ensures greater stability and reliability in clinical applications.



Precision polishing to restore metallic luster

The bur's surface undergoes precision polishing to minimize surface oxidation, ensuring it does not discolor even after multiple sterilizations.



Stringent selection of adamas and multi-layer electroplating process

We select only the finest adamas, utilizing a four-layer electroplating process to guarantee that each adamas particle has perfect self-sharpening properties. This meticulous approach ensures that as the bur grinds, sharp edges are continually exposed, ensuring that the bur remains both sharp and wear-resistant.



Diamond Burs

Maximum Allowable Speed

CA16,000min⁻¹

CA30,000min⁻¹

90,000min⁻¹

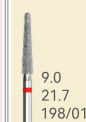
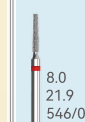
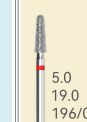
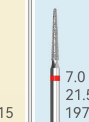
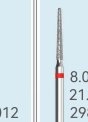
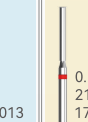
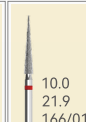
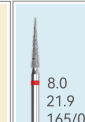
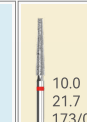
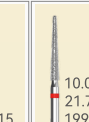
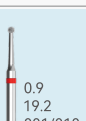
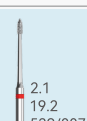
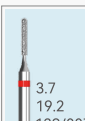
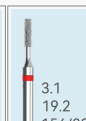
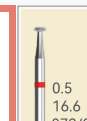
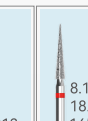
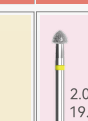
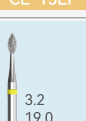
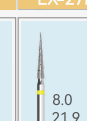
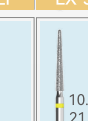
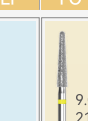
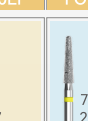
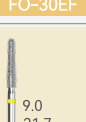
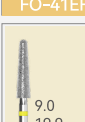
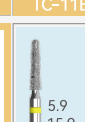
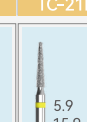
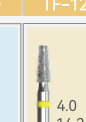
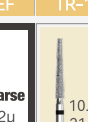
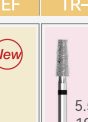
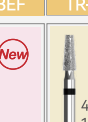
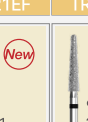
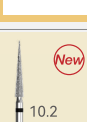
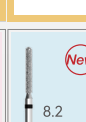
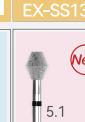
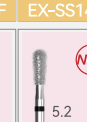
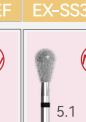
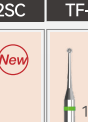
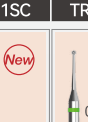
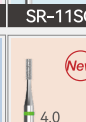
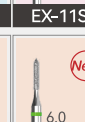
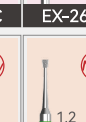
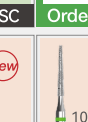
160,000min⁻¹

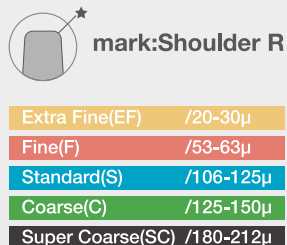
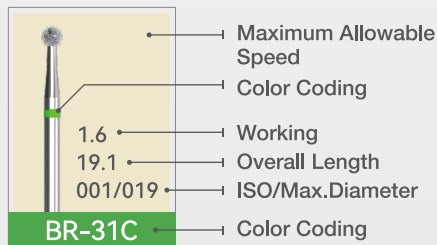
300,000min⁻¹

450,000min⁻¹

Maximum Allowable Speed		Grit Coarse 125-150μ	Order NO.	BR-31C	FO-32C	FO-54C	SF-12C	SI-47C	TC-11C	TF-13C	TR-13C
CA16,000min ⁻¹	CA30,000min ⁻¹										
90,000min ⁻¹	160,000min ⁻¹										
300,000min ⁻¹	450,000min ⁻¹										
7.1 20.0 197/018	1.9 19.1 072/043	Order NO.	BC-31	BC-42	BC-43	BR-31	BR-40	BR-41	BR-45	BR-46	BR-49
2.3 19.0 032/011	3.2 19.0 032/014	EX-11	EX-12	EX-20	EX-21	EX-24	EX-26	EX-31	EX-41	FO-11	FO-21
7.0 21.0 288/016	5.0 19.0 257/028	FO-27	FO-32	RS-11	RS-21	RS-31	SF-11	SF-12	SF-13	SF-21	SF-31
4.1 18.9 109/011	0.9 19.0 010/010	SI-46	SI-47	SI-48	SO-20	SO-21	SR-11	SR-12	SR-13	TC-11	TC-16
8.0 21.9 165/014	5.9 21.1 164/011	TF-11	TF-12	TF-13	TF-14	TF-20	TF-21	TF-22	TF-23	TF-31	TF-41
4.0 18.9 170/012	4.0 18.9 170/014	TR-11	TR-12	TR-13	TR-14	TR-15	TR-19	TR-20	TR-21	TR-24	TR-25
9.0 21.7 198/018	0.5 19.1 041/024	WR-13	Short Shank	BC-S42	BC-S43	BR-S45	BR-S46	DI-S41	FO-S21	FO-S54	SI-S46
1.7 16.5 010/017	6.0 18.7 297/012	TF-S12	TF-S20	TF-S21	TF-S22	TF-S23	TF-S31	TF-S41	TR-S13	TR-S14	TR-S21
Super Short Shank	2.2 16.0 138/008	DI-SS41	EX-SS13	EX-SS14	EX-SS33	TC-SS21	TF-SS31	TR-SS21	Order NO.	BR-48F	CD-50F
2.1 16.7 138/007	3.7 16.7 139/007	CD-53F	CD-54F	CD-55F	CD-56F	CD-57F	CD-58F	CD-59F	CD-60F	CD-61F	CD-62F

Diamond Burs

 9.0 21.7 546/021 CE-12F	 5.2 18.9 544/020 CE-13F	 4.7 20.6 254/027 CE-15F	 9.0 21.7 198/017 CE-16F	 8.0 21.9 546/011 CE-17F	 5.0 19.0 196/020 CR-11F	 4.0 19.0 196/015 CR-12F	 7.0 21.5 197/012 CR-21F	 8.0 21.5 298/013 CR-22F	 0.1 21.0 179/012 EX-18F	 5.0 18.9 237/020 EX-21F	 4.1 19.0 237/013 EX-31F		
 7.0 21.0 297/013 FO-21F	 7.0 21.0 288/015 FO-22F	 3.2 19.0 257/015 FO-30F	 10.0 21.9 166/015 TC-11F	 8.0 21.9 165/013 TC-21F	 10.0 21.7 173/015 TF-12F	 7.0 20.9 171/015 TF-21F	 10.0 21.7 199/015 TR-11F	 9.0 21.7 198/017 TR-13F	 7.0 21.0 197/015 TR-21F	 10.0 21.6 199/015 TR-25F	 9.0 21.7 198/017 TR-26F		
 0.9 19.2 001/010 MI-45F	 2.1 19.2 539/007 MI-53F	 3.7 19.2 139/007 MI-61F	 3.1 19.2 156/009 MI-62F	Short Shank		 0.5 16.6 072/015 WR-S31F	Super Short Shank		 7.6 18.1 298/013 FO-SS21F	 8.1 18.1 165/012 TC-SS21F	Order NO.	 1.5 19.0 001/016 BR-40EF	 5.3 18.9 544/019 CE-13EF
 4.7 20.6 254/026 CE-15EF	 9.0 21.7 198/016 CE-16EF	 5.0 19.0 196/019 CR-11EF	 4.0 19.0 196/014 CR-12EF	 5.0 18.9 237/019 EX-21EF	 7.0 21.0 218/012 EX-27EF	 7.0 21.1 545/018 EX-29EF	 3.4 19.1 138/015 EX-36EF	 2.0 19.1 254/023 EX-37EF	 6.1 20.0 257/012 FO-20EF	 7.0 21.0 297/011 FO-21EF	 7.0 21.0 288/013 FO-22EF		
 3.2 19.0 257/014 FO-30EF	 4.3 23.5 540/009 FO-40EF	 6.0 18.5 297/009 FO-41EF	 7.7 22.0 289/010 FO-42EF	 10.0 21.9 166/014 TC-11EF	 8.0 21.9 165/011 TC-21EF	 10.0 21.7 173/013 TF-12EF	 7.0 20.9 171/013 TF-21EF	 10.0 21.7 199/013 TR-11EF	 9.0 21.7 198/015 TR-13EF	 7.0 21.0 197/013 TR-21EF	 10.0 21.6 199/013 TR-25EF		
 9.0 21.7 198/015 TR-26EF	Short Shank		 9.0 19.9 198/019 TR-S14EF	Super Short Shank		 5.9 15.9 297/012 EX-S31EF	 5.9 15.9 197/012 EX-S314EF	 4.0 14.2 544/015 EX-S33EF	Order NO.	 10.2 21.9 173/018 TF-12SC	 5.5 19.1 170/023 TF-22SC	 4.2 19.1 170/018 TF-31SC	 9.2 21.9 198/020 TR-13SC
 7.2 21.2 197/018 TR-21SC	 10.2 22.1 166/018 TC-11SC	 5.1 19.2 257/034 FO-27SC	 8.2 22.3 141/014 SR-11SC	 5.1 19.2 039/034 EX-11SC	 5.2 19.1 237/023 EX-21SC	 5.1 19.1 237/034 EX-26SC	 2.0 19.2 072/044 WR-13SC	Order NO.	 0.8 23.2 001/010 BR-45CA	 1.0 23.2 001/012 BR-46CA	 0.6 23.2 001/009 BR-49CA		
 0.6 23.2 001/008 BR-90CA	 0.2 25.2 179/012 EX-18CA	 4.9 23.0 257/028 FO-25CA	 4.0 23.2 109/011 SF-41CA	 6.0 23.2 297/012 SO-20CA	 8.1 25.2 298/014 SO-21CA	 1.2 23.2 010/011 SI-49CA	 9.9 25.2 166/016 TC-11CA	 10.0 25.2 173/014 TF-11CA	 3.6 23.2 170/011 TF-41CA	 1.9 23.0 072/042 WR-13CA			



Maximum Allowable Speed

450,000min ⁻¹	90,000min ⁻¹
300,000min ⁻¹	CA30,000min ⁻¹
160,000min ⁻¹	CA16,000min ⁻¹



FANTastic one stop micro-endodontic solution

 86-021-64033133

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SHANGHAI 201801, P.R OF CHINA