



NIC[®] ENDODONTIC INSTRUMENTS



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ISO 13485:2012 CE0197 FDA

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PROFILE

SUPERLINE was founded in 2002.

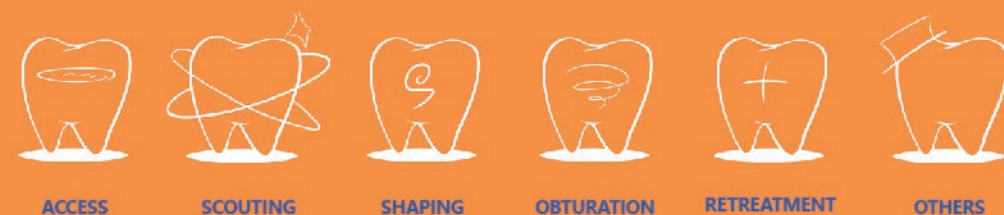
With over a decade of development, we have been one of the most renowned dental product manufacturers in China. We export dental instruments with our own brand NIC[®] to more than 60 countries and areas.

Established by three experts in material science and technology, SUPERLINE focus on the development and innovation of shape memory alloy -- Nickel-Titanium. We are dedicated to the application of Ni-Ti outstanding metal performance to improve dental treatment devices, introducing a new quality on Endodontic and Orthodontic products for dentists all over the world.

NIC[®] products are precisely manufactured at μm level with strict inspection standards. Hundreds of advanced machines are equipped in our 60,000 sq. ft factory to make sure our products are consistent with top quality, including μm level precision machining center, laser measuring instruments, photoelectric microscope and tensile testing machines. Our products are certified by CE 0197, FDA and quality system has passed ISO 13485.

SUPERLINE strive to invest and innovate on research, development and services. We believe progress is the only way to bring better experience for our clients.





Professional Solutions

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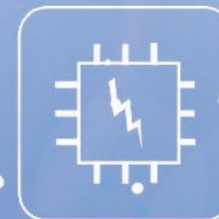
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Alpha Endo



Smart Chip



1 to 3



Instant



Comfortable

360°
Free Rotation

CORDLESS ENDO MOTOR

Features:

1. Motion: Rotary and Reciprocating
2. Large LED Touch Screen
3. Wifi Connected, simple and convenient
4. Mainstream root canal systems are included, just choose and use

Technics:

Adaptor working voltage	Input: AC100-240V, 50-60Hz, Output: DC 5V 2A
Adjustable torque	5mNm-70mNm(0.5Ncm-7Ncm)
Speed	50-650rpm(Rotary)
Volume(mm)	Host: 132X136x139 Handle: 143x25x25
Weight(kg)	Host: 0.5 Handle+Head: 0.2
Material	ABS, Aluminum alloy6061



U-File

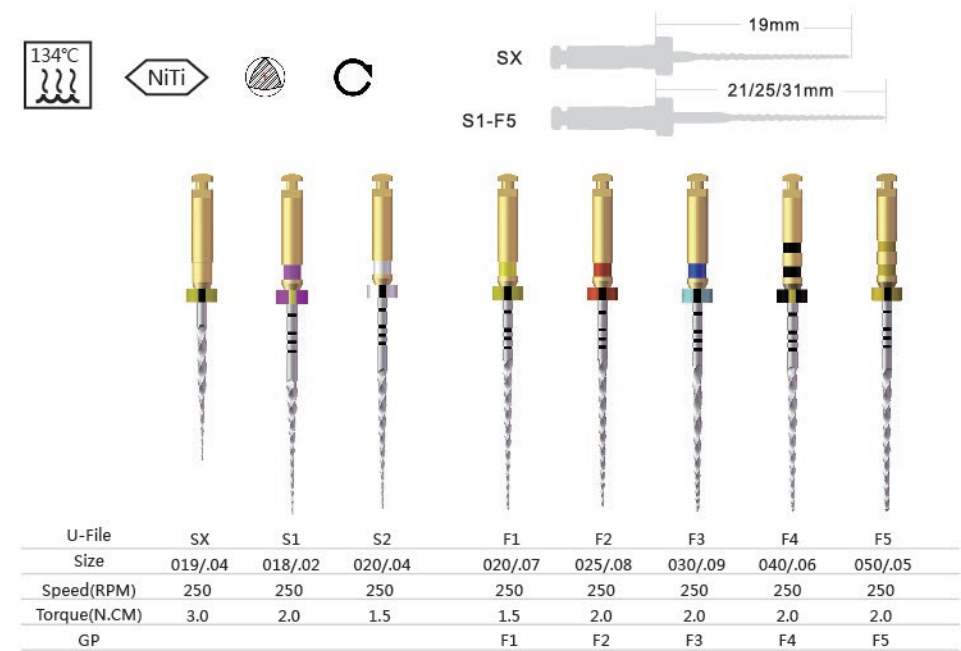
- MaxTech NiTi alloy
- Triangular cross section and safe guiding tip
- Variable taper
- Suitable for regular canal preparation
- Continuous clockwise rotation
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

Shape the upper 2/3 of canal, confirm the working length and smooth the root canal (S1, S2)

Shape the apical 1/3 and finish(F1, F2). If necessary, come to F3, F4, F5

SX → S1 → S2 → F1/F2 → F3/F4/F5



Size	19mm	21mm	25mm	31mm
SX	SFU 019 0SX			
S1		SFU 021 0S1	SFU 025 0S1	SFU 031 0S1
S2		SFU 021 0S2	SFU 025 0S2	SFU 031 0S2
F1		SFU 021 0F1	SFU 025 0F1	SFU 031 0F1
F2		SFU 021 0F2	SFU 025 0F2	SFU 031 0F2
F3		SFU 021 0F3	SFU 025 0F3	SFU 031 0F3
F4		SFU 021 0F4	SFU 025 0F4	SFU 031 0F4
F5		SFU 021 0F5	SFU 025 0F5	SFU 031 0F5
SX-F3		SFU 021 A01	SFU 025 A01	SFU 031 A01

U+ File

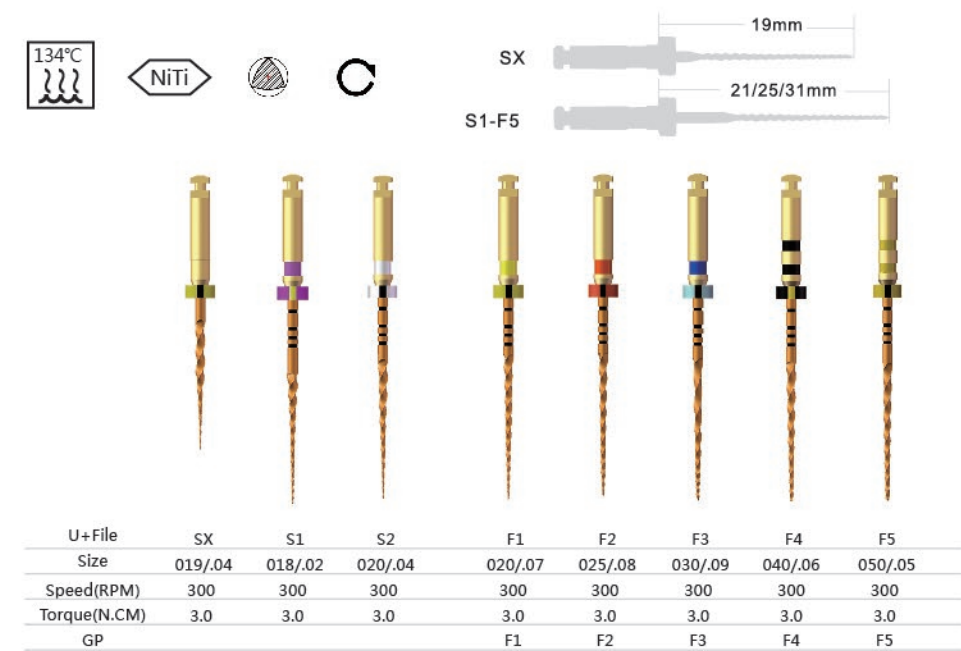
- MaxTech 3.0 NiTi alloy
- Suitable for bending angle <15° canal
- Longer fatigue life
- Triangular cross section and safe guiding tip
- Variable taper
- Continuous clockwise rotation
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

Shape the upper 2/3 of canal, confirm the working length and smooth the root canal (S1, S2)

Shape the apical 1/3 and finish (F1, F2). If necessary, come to F3, F4, F5

SX → S1 → S2 → F1/F2 → F3/F4/F5



Size	19mm	21mm	25mm	31mm
SX	AFU 019 0SX			
S1		AFU 021 0S1	AFU 025 0S1	AFU 031 0S1
S2		AFU 021 0S2	AFU 025 0S2	AFU 031 0S2
F1		AFU 021 0F1	AFU 025 0F1	AFU 031 0F1
F2		AFU 021 0F2	AFU 025 0F2	AFU 031 0F2
F3		AFU 021 0F3	AFU 025 0F3	AFU 031 0F3
F4		AFU 021 0F4	AFU 025 0F4	AFU 031 0F4
F5		AFU 021 0F5	AFU 025 0F5	AFU 031 0F5
SX-F3		AFU 021 A01	AFU 025 A01	AFU 031 A01

U-Blue

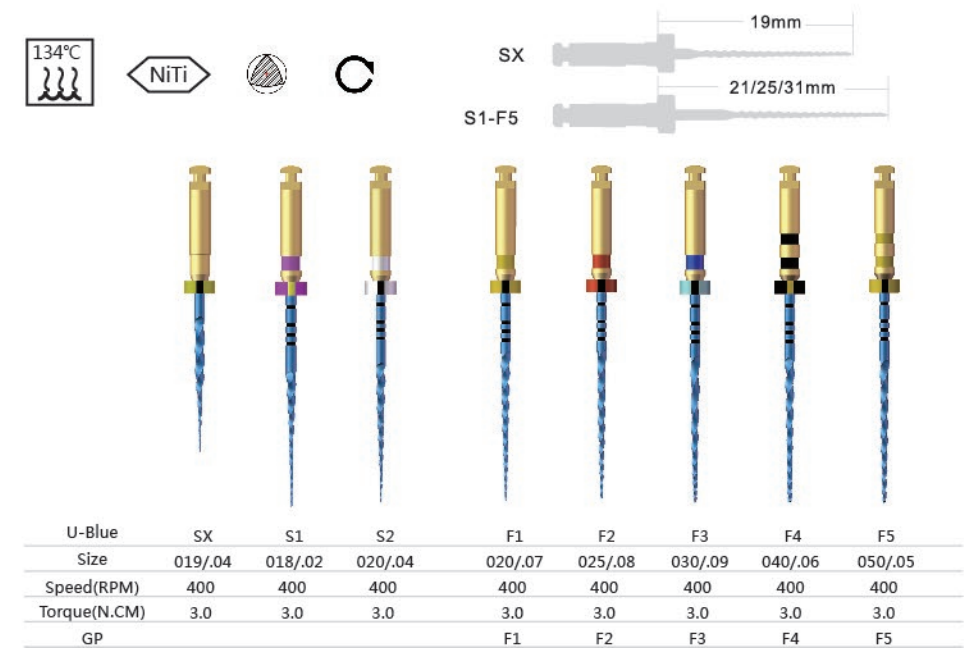
- MaxTech 6.0 NiTi alloy
- Suitable for canal ($15^{\circ} < \text{bending angle} < 35^{\circ}$)
- More flexible, Prebend
- Triangular cross section and safe guiding tip
- Variable taper
- Continuous clockwise rotation
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

Shape the upper 2/3 of canal, confirm the working length and smooth the root canal (S1, S2)

Shape the apical 1/3 and finish (F1, F2). If necessary, come to F3, F4, F5

SX → S1 → S2 → F1/F2 → F3/F4/F5



Size	19mm	21mm	25mm	31mm
SX	BFU 019 0SX			
S1		BFU 021 0S1	BFU 025 0S1	BFU 031 0S1
S2		BFU 021 0S2	BFU 025 0S2	BFU 031 0S2
F1		BFU 021 0F1	BFU 025 0F1	BFU 031 0F1
F2		BFU 021 0F2	BFU 025 0F2	BFU 031 0F2
F3		BFU 021 0F3	BFU 025 0F3	BFU 031 0F3
F4		BFU 021 0F4	BFU 025 0F4	BFU 031 0F4
F5		BFU 021 0F5	BFU 025 0F5	BFU 031 0F5
SX-F3		BFU 021 A01	BFU 025 A01	BFU 031 A01

X-File

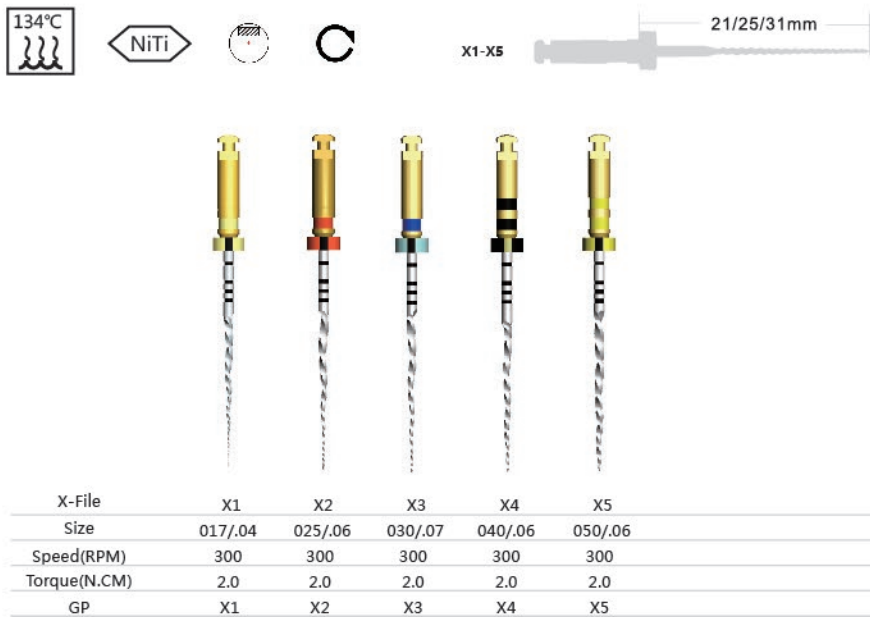
- MaxTech NiTi alloy
- Archimedean spiral movement
- Debris free, variable taper
- Asymmetrical rectangular cross section
- Accurate shaping, protect original dentin
- Suitable for regular canal
- Continuously clockwise rotation
- Crown-Down Sequence:

Open the orifice (SX)

Build the straight access (T file)

Shape the canal with X1 until it reaches working length

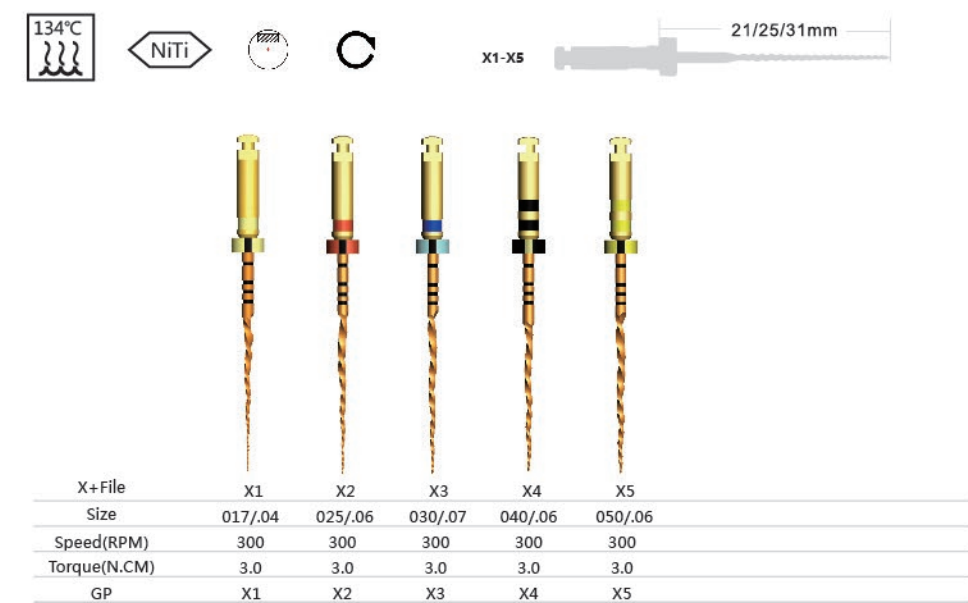
Continue with X2 until it reaches working length. If necessary, come to X3, X4, X5.



Size	21mm	25mm	31mm
X1	SFX 021 0X1	SFX 025 0X1	SFX 031 0X1
X2	SFX 021 0X2	SFX 025 0X2	SFX 031 0X2
X3	SFX 021 0X3	SFX 025 0X3	SFX 031 0X3
X4	SFX 021 0X4	SFX 025 0X4	SFX 031 0X4
X5	SFX 021 0X5	SFX 025 0X5	SFX 031 0X5
X1-X3	SFX 021 A01	SFX 025 A01	SFX 031 A01

X⁺ File

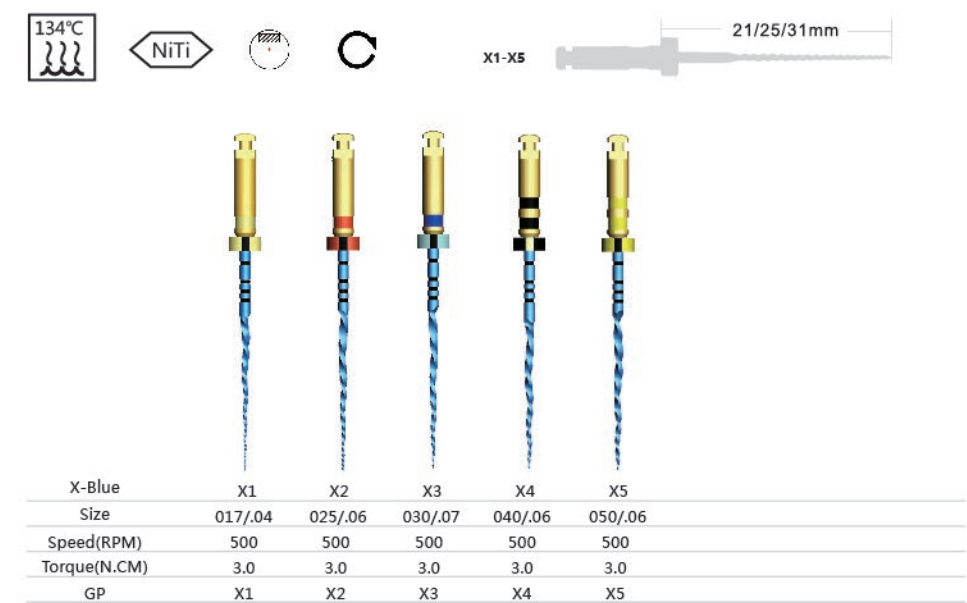
- MaxTech 3.0 NiTi alloy
- Suitable for canal <15°
- Safe, simple, smart
- Archimedean spiral movement
- Debris free, variable taper
- Asymmetrical rectangular cross section
- Accurate shaping, protect original dentin
- Continuous clockwise rotation
- Crown-Down Sequence:
 - Open the orifice (SX)
 - Build the straight access (T file)
 - Shape the canal with X1 until it reaches working length
 - Continue with X2 until it reaches working length. If necessary, come to X3, X4, X5.



Size	21mm	25mm	31mm
X1	AFX 021 0X1	AFX 025 0X1	AFX 031 0X1
X2	AFX 021 0X2	AFX 025 0X2	AFX 031 0X2
X3	AFX 021 0X3	AFX 025 0X3	AFX 031 0X3
X4	AFX 021 0X4	AFX 025 0X4	AFX 031 0X4
X5	AFX 021 0X5	AFX 025 0X5	AFX 031 0X5
X1-X3	AFX 021 A01	AFX 025 A01	AFX 031 A01

X-Blue

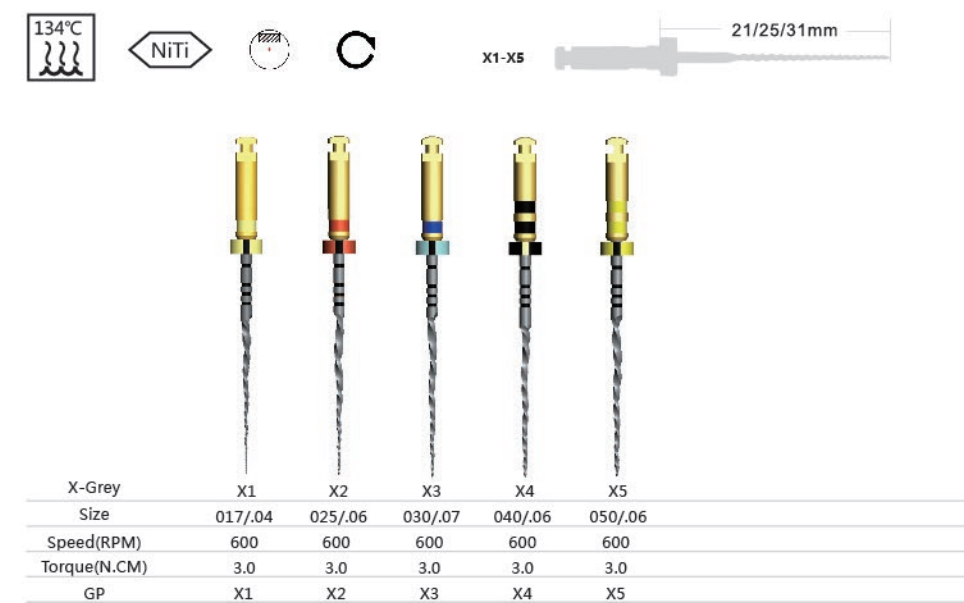
- MaxTech 6.0 NiTi alloy
- Suitable for canal (15°<bending angle<35°)
- Safe, simple, smart
- Flexible and prebend
- Archimedean spiral movement
- Debris free, variable taper
- Asymmetrical rectangular cross section
- Accurate shaping to protect the dentin effectively
- Crown-Down Sequence:
 - Open the orifice (SX)
 - Build the straight access (T file)
 - Shape the canal with X1 until it reaches working length
 - Continue with X2 until it reaches working length. If necessary, come to X3, X4, X5.



Size	21mm	25mm	31mm
X1	BFX 021 0X1	BFX 025 0X1	BFX 031 0X1
X2	BFX 021 0X2	BFX 025 0X2	BFX 031 0X2
X3	BFX 021 0X3	BFX 025 0X3	BFX 031 0X3
X4	BFX 021 0X4	BFX 025 0X4	BFX 031 0X4
X5	BFX 021 0X5	BFX 025 0X5	BFX 031 0X5
X1-X3	BFX 021 B01	BFX 025 B01	BFX 031 B01

X-Grey

- MaxTech 9.0 NiTi alloy
- Suitable for canal (bending angle >35°)
- Safe, simple, smart
- Ultimate soft and prebent
- Archimedean spiral movement
- Debris free, variable taper
- Asymmetrical rectangular cross section
- Accurate shaping to protect the dentin effectively
- Crown-Down Sequence:
 - Open the orifice (SX)
 - Build the straight access (T file)
 - Shape the canal with X1 until it reaches working length
 - Continue with X2 until it reaches working length. If necessary, come to X3, X4, X5.



Size	21mm	25mm	31mm
X1	CFX 021 0X1	CFX 025 0X1	CFX 031 0X1
X2	CFX 021 0X2	CFX 025 0X2	CFX 031 0X2
X3	CFX 021 0X3	CFX 025 0X3	CFX 031 0X3
X4	CFX 021 0X4	CFX 025 0X4	CFX 031 0X4
X5	CFX 021 0X5	CFX 025 0X5	CFX 031 0X5
X1-X3	CFX 021 C01	CFX 025 C01	CFX 031 C01

PRG

- MaxTech NiTi alloy
- One Path file, reduce glide path time
- Follow the root canal anatomy
- Variable progressive taper
- Expand glide path
- Continuous clockwise rotation.
- Speed: 300rpm Torque: 3.0N.cm.
- Smooth the path for next rotary file



Size	21mm	25mm	31mm
16	SFP 021 016	SFP 025 016	SFP 031 016

T-File

- MaxTech NiTi alloy
- Triangular cross section
- Variable progressive taper
- Glide path, make the main file follow the canals easily
- Continuous clockwise rotation
- Speed: 300rpm Torque: 2.0N.cm



Size	21mm	25mm	31mm
17	SFT 021 017	SFT 025 017	SFT 031 017

T⁺ File

- MaxTech 3.0 NiTi alloy
- Path files, largely improved fatigue life
- Triangular cross section
- Variable progressive taper
- Prepare a smooth and clear root canal path
- Continuous clockwise rotation
- Speed: 300rpm Torque: 2.0N.cm



Size	21mm	25mm	31mm
17	AFT 021 017	AFT 025 017	AFT 031 017

A-File

- MaxTech NiTi alloy
- Variable cross section
- One file system with continuous rotation
- Accurate cutting, lessen debris to apical
- Reduce breakage risk



Size	21mm	25mm	29mm
#25	SFA 021 025	SFA 025 025	SFA 029 025

A⁺ File

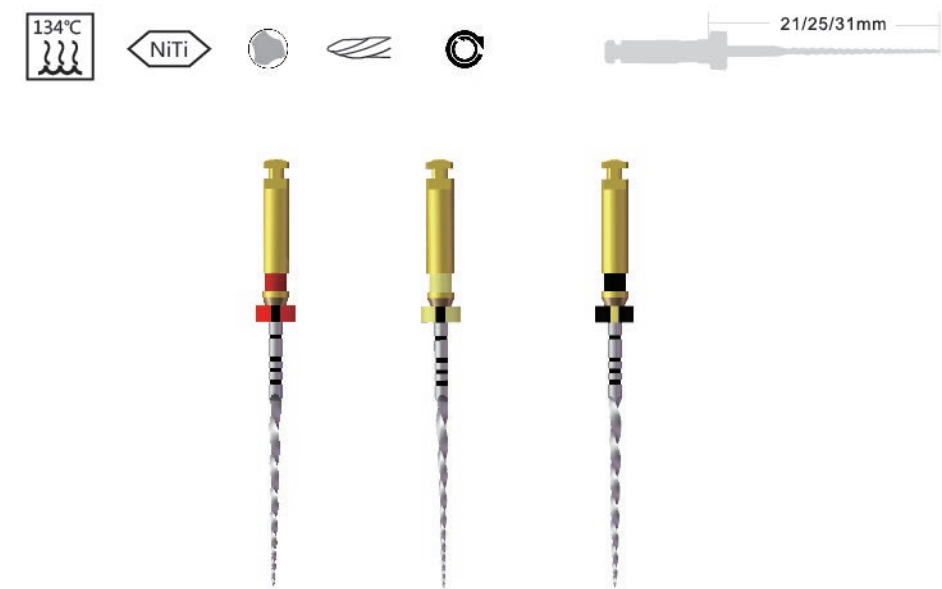
- MaxTech 3.0 NiTi alloy
- Significantly enhanced fatigue life
- Variable cross section
- One file system with continuous rotation
- Accurate cutting, lessen debris to apical
- Reduce breakage risk



Size	21mm	25mm	29mm
#25	AFA 021 025	FFA 025 025	AFA 029 025

W-File

- MaxTech NiTi alloy
- One file system
- Color rings correspond to different sizes
- Progressive taper and screw pitch with guiding tip
- Crown-Down technique, suitable for most root canals
- Reciprocating movement

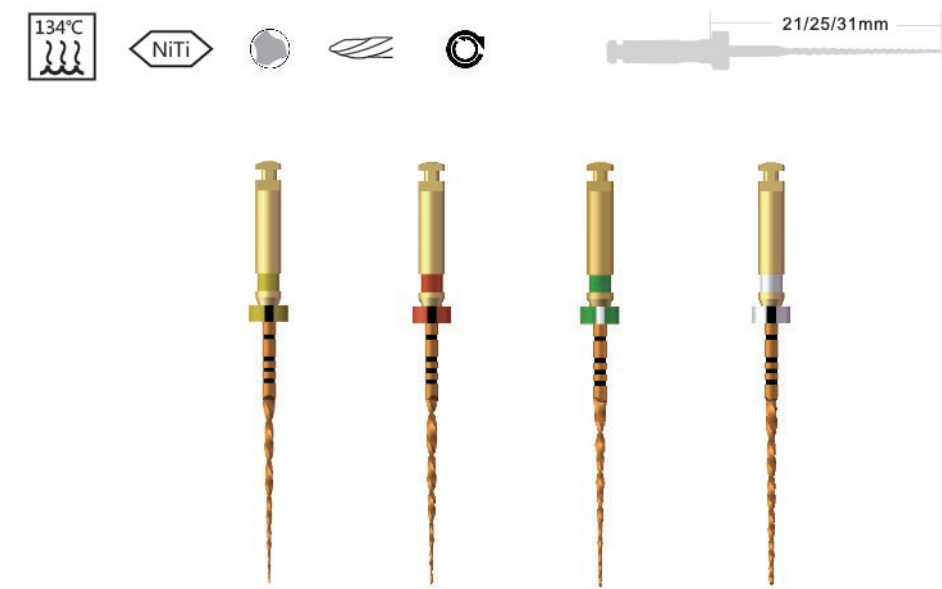


W-File	Small	Primary	Large
Size	021/.06	025/.08	040/.08
Speed(RPM)	Reciprocating	Reciprocating	Reciprocating
Torque(N.CM)	Reciprocating	Reciprocating	Reciprocating
GP	Small	Primary	Large

Size	21mm	25mm	31mm
#21	SFW 021 021	SFW 025 021	SFW 031 021
#25	SFW 021 025	SFW 025 025	SFW 031 025
#40	SFW 021 040	SFW 025 040	SFW 031 040
#21/25/40	SFW 021 A01	SFW 025 A01	SFW 031 A01

W⁺ File

- MaxTech 3.0 NiTi alloy
- One file system
- Color rings correspond to different sizes
- Significantly enhance cyclic fatigue life
- Asymmetric parallelogram cross section, 1-2 cutting points acting on root canal wall
- Progressive taper and screw pitch with guiding tip
- Crown-Down technique, suitable for most root canals
- Reciprocating movement

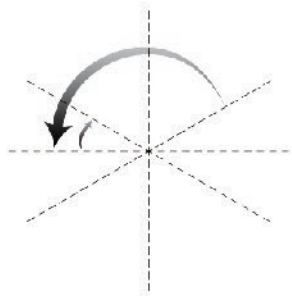


W+ File	Small	Primary	Medium	Large
Size	020/.07	025/.07	035/.06	040/.05
Speed(RPM)	Reciprocating	Reciprocating	Reciprocating	Reciprocating
Torque(N.CM)	Reciprocating	Reciprocating	Reciprocating	Reciprocating
GP	Small	Primary	Medium	Large

Size	21mm	25mm	31mm
#20	AFW 021 020	AFW 025 020	AFW 031 020
#25	AFW 021 025	AFW 025 025	AFW 031 025
#35	AFW 021 035	AFW 025 035	AFW 031 035
#45	AFW 021 045	AFW 025 045	AFW 031 045
#20/25/35/45	AFW 021 A01	AFW 025 A01	AFW 031 A01

V-File

- MaxTech NiTi alloy
- Suitable for narrow curved canal
- Reciprocating
- Regressive taper design to prevent unnecessary loss of tooth substance in the coronal part

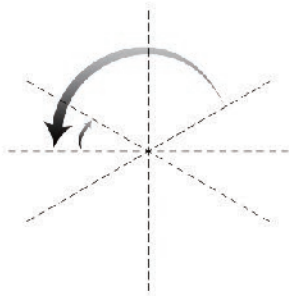


V-File	R25	R40	R50
Size	025/.08	040/.06	050/.05
Speed(RPM)	Reciprocating	Reciprocating	Reciprocating
Torque(N.CM)	Reciprocating	Reciprocating	Reciprocating
GP	R25	R40	R50

Size	21mm	25mm	31mm
● #25	SFV 021 025	SFV 025 025	SFV 031 025
● #40	SFV 021 040	SFV 025 040	SFV 031 040
● #50	SFV 021 050	SFV 025 050	SFV 031 050
#25/40/50	SFV 021 A01	SFV 025 A01	SFV 031 A01

V+ File

- MaxTech 3.0 NiTi alloy
- Suitable for narrow curved canal
- Reciprocating
- Regressive taper design to prevent unnecessary loss of tooth substance in the coronal part



V+File	R25	R40	R50
Size	025/.08	040/.06	050/.05
Speed(RPM)	Reciprocating	Reciprocating	Reciprocating
Torque(N.CM)	Reciprocating	Reciprocating	Reciprocating
GP	R25	R40	R50

Size	21mm	25mm	31mm
● #25	AFV 021 025	AFV 025 025	AFV 031 025
● #40	AFV 021 040	AFV 025 040	AFV 031 040
● #50	AFV 021 050	AFV 025 050	AFV 031 050
#25/40/50	AFV 021 A01	AFV 025 A01	AFV 031 A01

V-Blue

- MaxTech 6.0 NiTi alloy
- One file system
- Flexibility and safety
- Reciprocating
- Effective irrigation
- Reduce contamination risk

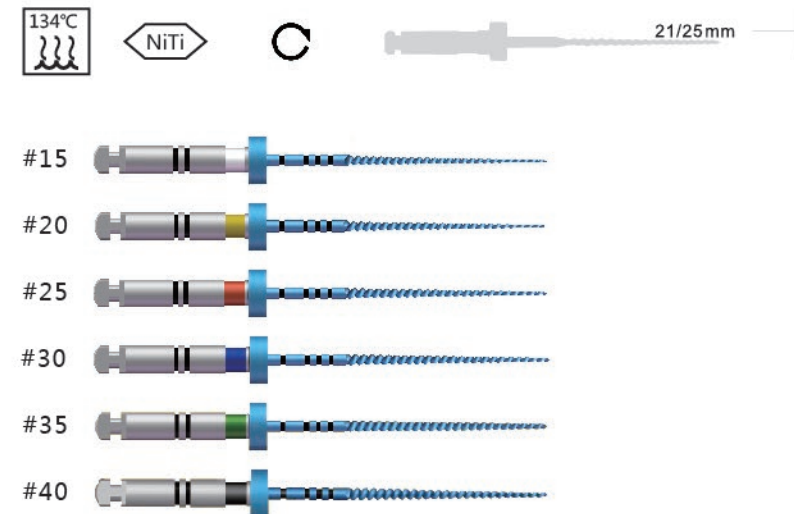


V-Blue	R25	R40	R50
Size	025/.08	040/.06	050/.05
Speed(RPM)	Reciprocating	Reciprocating	Reciprocating
Torque(N.CM)	Reciprocating	Reciprocating	Reciprocating
GP	R25	R40	R50

Size	21mm	25mm	31mm
● #25	BFV 021 025	BFV 025 025	BFV 031 025
● #40	BFV 021 040	BFV 025 040	BFV 031 040
● #50	BFV 021 050	BFV 025 050	BFV 031 050
#25/40/50	BFV 021 A01	BFV 025 A01	BFV 031 A01

K-Pro

- MaxTech 6.0 NiTi alloy
- Triangular cross section, with fixed taper .04/.06
- Continuous rotation, 300~350rpm
- Shank :13mm with taper marking rings
- Step-Back Technique

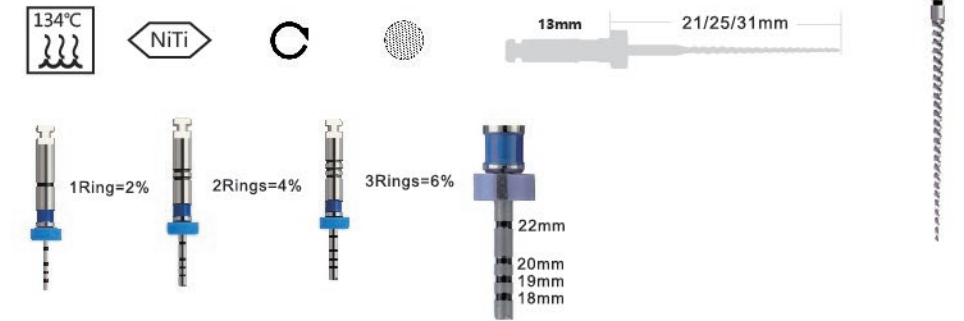


Size	21mm	25mm
○ #15	BK4 021 015	BK4 025 015
● #20	BK4 021 020	BK4 025 020
● #25	BK4 021 025	BK4 025 025
● #30	BK4 021 030	BK4 025 030
● #35	BK4 021 035	BK4 025 035
● #40	BK4 021 040	BK4 025 040
#15-40	BK4 021 A01	BK4 025 A01

Size	21mm	25mm
○ #15	BK6 021 015	BK6 025 015
● #20	BK6 021 020	BK6 025 020
● #25	BK6 021 025	BK6 025 025
● #30	BK6 021 030	BK6 025 030
● #35	BK6 021 035	BK6 025 035
● #40	BK6 021 040	BK6 025 040
#15-40	BK6 021 A01	BK6 025 A01

DH-U

- MaxTech NiTi Alloy
- Fixed taper .02/.04/.06
- Speed: 300rpm Torque: 2.0N.cm
- 13mm Shank with taper marking rings
- Step-Back Technique



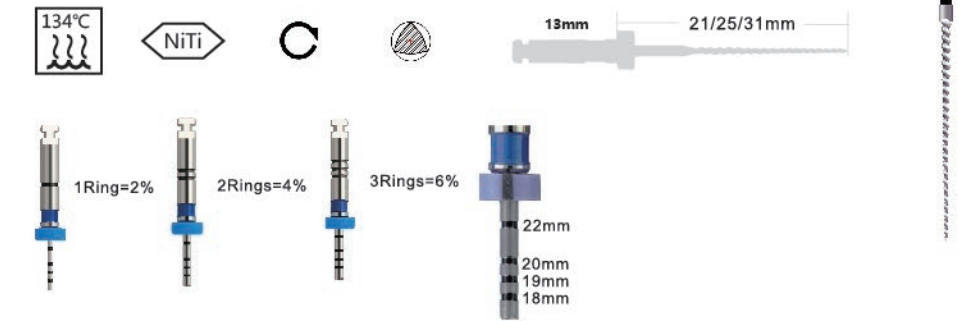
Size	21mm	25mm	31mm
○ #15	DH2 021 015	DH2 025 015	DH2 031 015
● #20	DH2 021 020	DH2 025 020	DH2 031 020
● #25	DH2 021 025	DH2 025 025	DH2 031 025
● #30	DH2 021 030	DH2 025 030	DH2 031 030
● #35	DH2 021 035	DH2 025 035	DH2 031 035
● #40	DH2 021 040	DH2 025 040	DH2 031 040
#15-40	DH2 021 A01	DH2 025 A01	DH2 031 A01

Size	21mm	25mm	31mm
○ #15	DH4 021 015	DH4 025 015	DH4 031 015
● #20	DH4 021 020	DH4 025 020	DH4 031 020
● #25	DH4 021 025	DH4 025 025	DH4 031 025
● #30	DH4 021 030	DH4 025 030	DH4 031 030
● #35	DH4 021 035	DH4 025 035	DH4 031 035
● #40	DH4 021 040	DH4 2 025 040	DH4 031 040
#15-40	DH4 021 A01	DH4 025 A01	DH4 031 A01

Size	21mm	25mm	31mm
○ #15	DH6 021 015	DH6 025 015	DH6 031 015
● #20	DH6 021 020	DH6 025 020	DH6 031 020
● #25	DH6 021 025	DH6 025 025	DH6 031 025
● #30	DH6 021 030	DH6 025 030	DH6 031 030
● #35	DH6 021 035	DH6 025 035	DH6 031 035
● #40	DH6 021 040	DH6 025 040	DH6 031 040
#15-40	DH6 021 A01	DH6 025 A01	DH6 031 A01

KV-U

- MaxTech NiTi Alloy
- Fixed taper .02/.04/.06
- Speed: 300rpm Torque: 2.0N.cm
- 13mm shank with taper marking rings
- Step-Back Technique



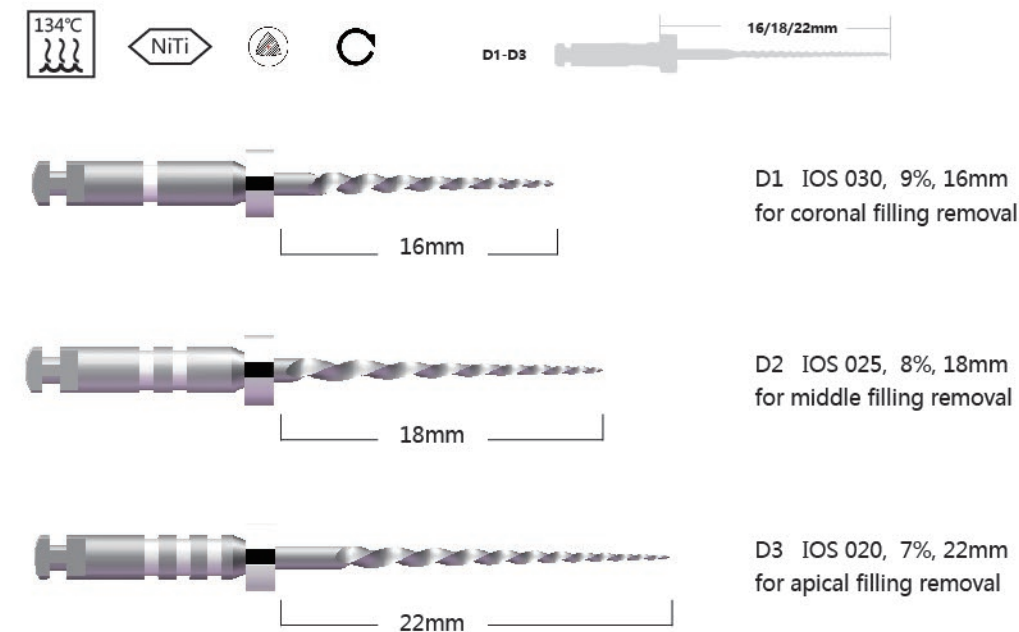
Size	21mm	25mm	31mm
○ #15	KV2 021 015	KV2 025 015	KV2 031 015
● #20	KV2 021 020	KV2 025 020	KV2 031 020
● #25	KV2 021 025	KV2 025 025	KV2 031 025
● #30	KV2 021 030	KV2 025 030	KV2 031 030
● #35	KV2 021 035	KV2 025 035	KV2 031 035
● #40	KV2 021 040	KV2 025 040	KV2 031 040
#15-40	KV2 021 A01	KV2 025 A01	KV2 031 A01

Size	21mm	25mm	31mm
○ #15	KV4 021 015	KV4 025 015	KV4 031 015
● #20	KV4 021 020	KV4 025 020	KV4 031 020
● #25	KV4 021 025	KV4 025 025	KV4 031 025
● #30	KV4 021 030	KV4 025 030	KV4 031 030
● #35	KV4 021 035	KV4 025 035	KV4 031 035
● #40	KV4 021 040	KV4 2 025 040	KV4 031 040
#15-40	KV4 021 A01	KV4 025 A01	KV4 031 A01

Size	21mm	25mm	31mm
○ #15	KV6 021 015	KV6 025 015	KV6 031 015
● #20	KV6 021 020	KV6 025 020	KV6 031 020
● #25	KV6 021 025	KV6 025 025	KV6 031 025
● #30	KV6 021 030	KV6 025 030	KV6 031 030
● #35	KV6 021 035	KV6 025 035	KV6 031 035
● #40	KV6 021 040	KV6 025 040	KV6 031 040
#15-40	KV6 021 A01	KV6 025 A01	KV6 031 A01

O-File

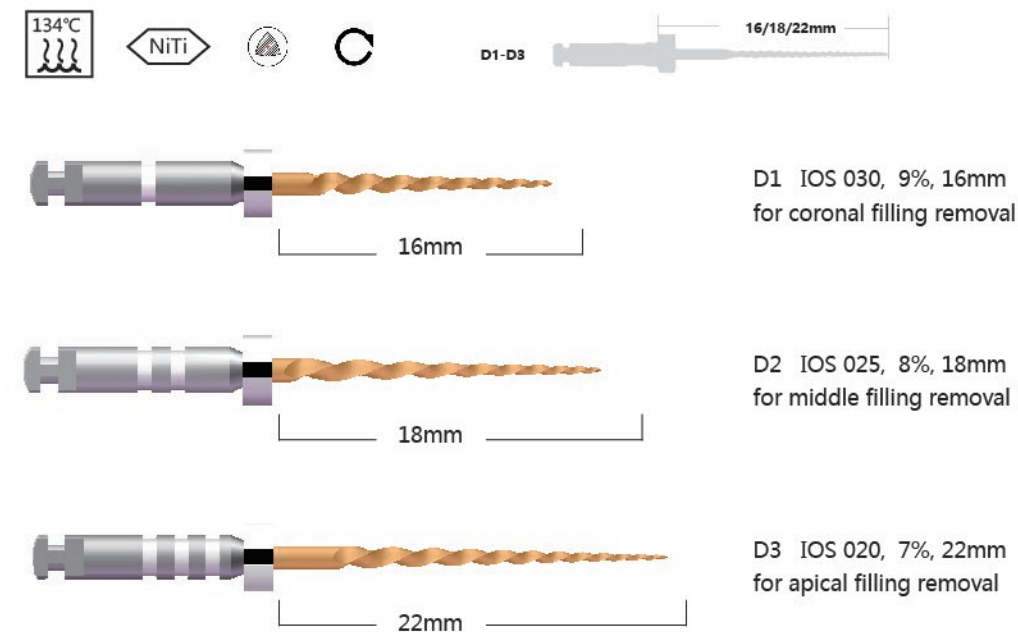
- MaxTech NiTi alloy
- Progressive taper & screw pitch
- Remover of gutta percha point and other obturator
- Three sizes operate in different parts of root canal
- Color rings correspond to different sizes



Size	16mm	18mm	22mm
D1	SFO 016 0D1		
D2		SFO 018 0D2	
D3			SFO 022 0D3
D1-D3	SFO 000 A01	SFO 000 A01	SFO 000 A01

O⁺ File

- MaxTech 3.0 NiTi alloy
- Progressive taper & screw pitch
- Removal of gutta percha point and other obturator
- Three sizes operate in different parts of root canal
- Color rings correspond to different sizes



Size	16mm	18mm	22mm
D1	AFO 016 0D1		
D2		AFO 018 0D2	
D3			AFO 022 0D3
D1-D3	AFO 000 A01	AFO 000 A01	AFO 000 A01

NiTi Rotary K-File



Size	21mm	25mm
○ #15	ENK 021 015	ENK 025 015
● #20	ENK 021 020	ENK 025 020
● #25	ENK 021 025	ENK 025 025
● #30	ENK 021 030	ENK 025 030
● #35	ENK 021 035	ENK 025 035
● #40	ENK 021 040	ENK 025 040
#15-40	ENK 021 A01	ENK 025 A01

NiTi Rotary Reamer



Size	21mm	25mm
○ #15	ENR 021 015	ENR 025 015
● #20	ENR 021 020	ENR 025 020
● #25	ENR 021 025	ENR 025 025
● #30	ENR 021 030	ENR 025 030
● #35	ENR 021 035	ENR 025 035
● #40	ENR 021 040	ENR 025 040
#15-40	ENR 021 A01	ENR 025 A01

NiTi Rotary H-File



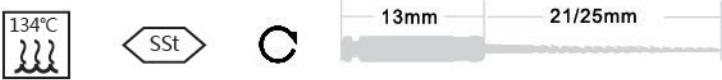
Size	21mm	25mm
○ #15	ENH 021 015	ENH 025 015
● #20	ENH 021 020	ENH 025 020
● #25	ENH 021 025	ENH 025 025
● #30	ENH 021 030	ENH 025 030
● #35	ENH 021 035	ENH 025 035
● #40	ENH 021 040	ENH 025 040
#15-40	ENH 021 A01	ENH 025 A01

S.S. Rotary K-File



Size	21mm	25mm
○ #15	ESK 021 015	ESK 025 015
● #20	ESK 021 020	ESK 025 020
● #25	ESK 021 025	ESK 025 025
● #30	ESK 021 030	ESK 025 030
● #35	ESK 021 035	ESK 025 035
● #40	ESK 021 040	ESK 025 040
#15-40	ESK 021 A01	ESK 025 A01

S.S. Rotary H-File



Size	21mm	25mm
○ #15	ESH 021 015	ESH 025 015
● #20	ESH 021 020	ESH 025 020
● #25	ESH 021 025	ESH 025 025
● #30	ESH 021 030	ESH 025 030
● #35	ESH 021 035	ESH 025 035
● #40	ESH 021 040	ESH 025 040
#15-40	ESH 021 A01	ESH 025 A01



NiTi Engine Condenser



Size	21mm	25mm
● #25	MC2 021 025	MC2 025 025
● #30	MC2 021 030	MC2 025 030
● #35	MC2 021 035	MC2 025 035
● #40	MC2 021 040	MC2 025 040
#25-40	MC2 021 A01	MC2 025 A01

Size	21mm	25mm
● #25	MC4 021 025	MC4 025 025
● #30	MC4 021 030	MC4 025 030
● #35	MC4 021 035	MC4 025 035
● #40	MC4 021 040	MC4 025 040
#25-40	MC4 021 A01	MC4 025 A01



S.S. Rotary Reamer



Size	21mm	25mm
○ #15	ESR 021 015	ESR 025 015
● #20	ESR 021 020	ESR 025 020
● #25	ESR 021 025	ESR 025 025
● #30	ESR 021 030	ESR 025 030
● #35	ESR 021 035	ESR 025 035
● #40	ESR 021 040	ESR 025 040
#15-40	ESR 021 A01	ESR 025 A01



S.S. Rotary Paste Carrier

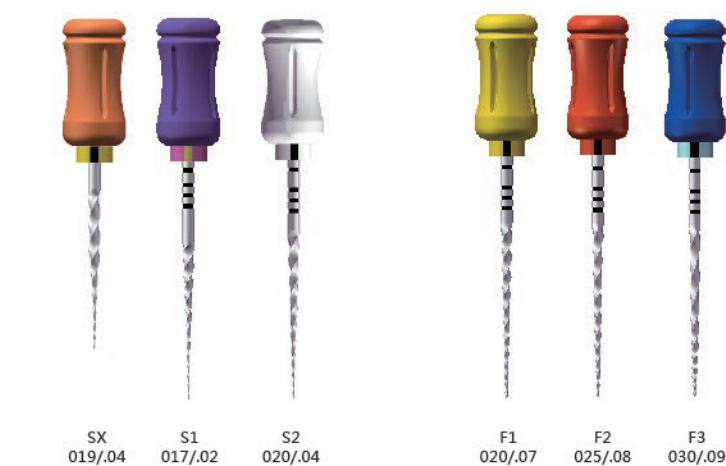


Size	21mm	25mm	29mm
● #25	EPC 021 025	EPC 025 025	EPC 029 025
● #30	EPC 021 030	EPC 025 030	EPC 029 030
● #35	EPC 021 035	EPC 025 035	EPC 029 035
● #40	EPC 021 040	EPC 025 040	EPC 029 040
#25-40	EPC 021 A01	EPC 025 A01	EPC 029 A01



SuperFile

- MaxTech NiTi alloy
- Convex triangular cross section, guiding tip
- Progressive taper & screw pitch
- Crown-Down technique
- Silicone handle, color correspond to different specifications
- Crown-Down Sequence:
 - Create straight-line access to canal orifice (SX)
 - Shape the upper 2/3 of canal, confirm working length and smooth the root canal (S1, S2)
 - Shape the apical 1/3 and finish (F1, F2). If necessary, come to F3, F4, F5



Size	21mm	25mm	31mm
SX	SFH 019 0SX	SFH 019 0SX	SFH 019 0SX
S1	SFH 021 0S1	SFH 025 0S1	SFH 031 0S1
S2	SFH 021 0S2	SFH 025 0S2	SFH 031 0S2
F1	SFH 021 0F1	SFH 025 0F1	SFH 031 0F1
F2	SFH 021 0F2	SFH 025 0F2	SFH 031 0F2
F3	SFH 021 0F3	SFH 025 0F3	SFH 031 0F3
SX-F3	SFH 021 A01	SFH 025 A01	SFH 031 A01

S.S. K-Flex File



Size		21mm	25mm	28mm	31mm
#15	○	TFK 021 015	TFK 025 015	TFK 028 015	TFK 031 015
#20	●	TFK 021 020	TFK 025 020	TFK 028 020	TFK 031 020
#25	●	TFK 021 025	TFK 025 025	TFK 028 025	TFK 031 025
#30	●	TFK 021 030	TFK 025 030	TFK 028 030	TFK 031 030
#35	●	TFK 021 035	TFK 025 035	TFK 028 035	TFK 031 035
#40	●	TFK 021 040	TFK 025 040	TFK 028 040	TFK 031 040
#15-40		TFK 021 A01	TFK 025 A01	TFK 028 A01	TFK 031 A01

S.S. C-File



Size		21mm	25mm	28mm
#6	●	HSC 021 006	HSC 025 006	HSC 028 006
#8	●	HSC 021 008	HSC 025 008	HSC 028 008
#10	●	HSC 021 010	HSC 025 010	HSC 028 010
#12	●	HSC 021 012	HSC 025 012	HSC 028 012
#15	○	HSC 021 015	HSC 025 015	HSC 028 015
#8-15		HSC 021 A01	HSC 025 A01	HSC 028 A01

K-File

- Square cross section
- For primary root canal exploration
- Both NiTi and stainless steel materials are available
- Autoclavable



NiTi Hand Use K-File

Size	21mm	25mm	28mm	31mm
#8	HNK 021 008	HNK 025 008	HNK 028 008	HNK 031 008
#10	HNK 021 010	HNK 025 010	HNK 028 010	HNK 031 010
#15	HNK 021 015	HNK 025 015	HNK 028 015	HNK 031 015
#20	HNK 021 020	HNK 025 020	HNK 028 020	HNK 031 020
#25	HNK 021 025	HNK 025 025	HNK 028 025	HNK 031 025
#30	HNK 021 030	HNK 025 030	HNK 028 030	HNK 031 030
#35	HNK 021 035	HNK 025 035	HNK 028 035	HNK 031 035
#40	HNK 021 040	HNK 025 040	HNK 028 040	HNK 031 040
#45	HNK 021 045	HNK 025 045	HNK 028 045	HNK 031 045
#50	HNK 021 050	HNK 025 050	HNK 028 050	HNK 031 050
#55	HNK 021 055	HNK 025 055	HNK 028 055	HNK 031 055
#60	HNK 021 060	HNK 025 060	HNK 028 060	HNK 031 060
#70	HNK 021 070	HNK 025 070	HNK 028 070	HNK 031 070
#80	HNK 021 080	HNK 025 080	HNK 028 080	HNK 031 080
#15-40	HNK 021 A01	HNK 025 A01	HNK 028 A01	HNK 031 A01
#40-80	HNK 021 A02	HNK 025 A02	HNK 028 A02	HNK 031 A02

S.S. Hand Use K-File

Size	21mm	25mm	28mm	31mm
#6	HSK 021 006	HSK 025 006	HSK 028 006	HSK 031 006
#8	HSK 021 008	HSK 025 008	HSK 028 008	HSK 031 008
#10	HSK 021 010	HSK 025 010	HSK 028 010	HSK 031 010
#15	HSK 021 015	HSK 025 015	HSK 028 015	HSK 031 015
#20	HSK 021 020	HSK 025 020	HSK 028 020	HSK 031 020
#25	HSK 021 025	HSK 025 025	HSK 028 025	HSK 031 025
#30	HSK 021 030	HSK 025 030	HSK 028 030	HSK 031 030
#35	HSK 021 035	HSK 025 035	HSK 028 035	HSK 031 035
#40	HSK 021 040	HSK 025 040	HSK 028 040	HSK 031 040
#45	HSK 021 045	HSK 025 045	HSK 028 045	HSK 031 045
#50	HSK 021 050	HSK 025 050	HSK 028 050	HSK 031 050
#55	HSK 021 055	HSK 025 055	HSK 028 055	HSK 031 055
#60	HSK 021 060	HSK 025 060	HSK 028 060	HSK 031 060
#70	HSK 021 070	HSK 025 070	HSK 028 070	HSK 031 070
#80	HSK 021 080	HSK 025 080	HSK 028 080	HSK 031 080
#15-40	HSK 021 A01	HSK 025 A01	HSK 028 A01	HSK 031 A01
#40-80	HSK 021 A02	HSK 025 A02	HSK 028 A02	HSK 031 A02

H-File

- Round cross section
- Effective removal of dentin
- Eliminate the ledge
- Both NiTi and stainless steel materials are available
- Autoclavable



NiTi Hand Use H-File

Size	21mm	25mm	28mm	31mm
● #8	HNH 021 008	HNH 025 008	HNH 028 008	HNH 031 008
● #10	HNH 021 010	HNH 025 010	HNH 028 010	HNH 031 010
○ #15	HNH 021 015	HNH 025 015	HNH 028 015	HNH 031 015
● #20	HNH 021 020	HNH 025 020	HNH 028 020	HNH 031 020
● #25	HNH 021 025	HNH 025 025	HNH 028 025	HNH 031 025
● #30	HNH 021 030	HNH 025 030	HNH 028 030	HNH 031 030
● #35	HNH 021 035	HNH 025 035	HNH 028 035	HNH 031 035
● #40	HNH 021 040	HNH 025 040	HNH 028 040	HNH 031 040
○ #45	HNH 021 045	HNH 025 045	HNH 028 045	HNH 031 045
● #50	HNH 021 050	HNH 025 050	HNH 028 050	HNH 031 050
● #55	HNH 021 055	HNH 025 055	HNH 028 055	HNH 031 055
● #60	HNH 021 060	HNH 025 060	HNH 028 060	HNH 031 060
● #70	HNH 021 070	HNH 025 070	HNH 028 070	HNH 031 070
● #80	HNH 021 080	HNH 025 080	HNH 028 080	HNH 031 080
#15-40	HNH 021 A01	HNH 025 A01	HNH 028 A01	HNH 031 A01
#40-80	HNH 021 A02	HNH 025 A02	HNH 028 A02	HNH 031 A02

S.S. Hand Use H-File

Size	21mm	25mm	28mm	31mm
● #6	HSH 021 006	HSH 025 006	HSH 028 006	HSH 031 006
● #8	HSH 021 008	HSH 025 008	HSH 028 008	HSH 031 008
● #10	HSH 021 010	HSH 025 010	HSH 028 010	HSH 031 010
○ #15	HSH 021 015	HSH 025 015	HSH 028 015	HSH 031 015
● #20	HSH 021 020	HSH 025 020	HSH 028 020	HSH 031 020
● #25	HSH 021 025	HSH 025 025	HSH 028 025	HSH 031 025
● #30	HSH 021 030	HSH 025 030	HSH 028 030	HSH 031 030
● #35	HSH 021 035	HSH 025 035	HSH 028 035	HSH 031 035
● #40	HSH 021 040	HSH 025 040	HSH 028 040	HSH 031 040
○ #45	HSH 021 045	HSH 025 045	HSH 028 045	HSH 031 045
● #50	HSH 021 050	HSH 025 050	HSH 028 050	HSH 031 050
● #55	HSH 021 055	HSH 025 055	HSH 028 055	HSH 031 055
● #60	HSH 021 060	HSH 025 060	HSH 028 060	HSH 031 060
● #70	HSH 021 070	HSH 025 070	HSH 028 070	HSH 031 070
● #80	HSH 021 080	HSH 025 080	HSH 028 080	HSH 031 080
#15-40	HSH 021 A01	HSH 025 A01	HSH 028 A01	HSH 031 A01
#40-80	HSH 021 A02	HSH 025 A02	HSH 028 A02	HSH 031 A02

Reamer

- Triangular cross section
- Effective removal of dentin
- Both NiTi and stainless steel materials are available
- Autoclavable



NiTi Hand Use Reamer

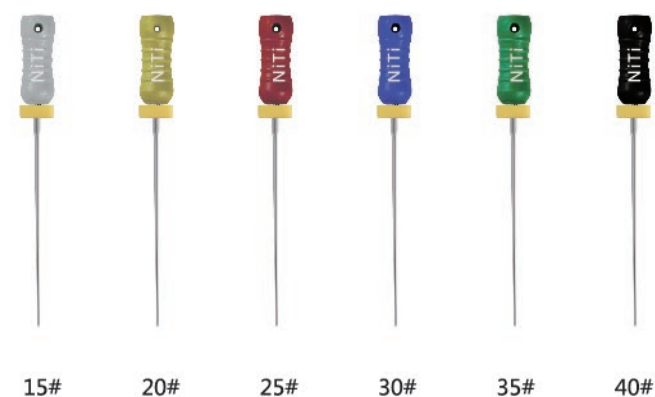
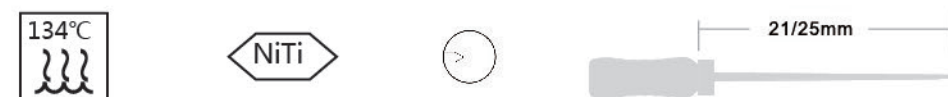
Size	21mm	25mm	28mm	31mm
▲ #8	HNR 021 008	HNR 025 008	HNR 028 008	HNR 031 008
▲ #10	HNR 021 010	HNR 025 010	HNR 028 010	HNR 031 010
△ #15	HNR 021 015	HNR 025 015	HNR 028 015	HNR 031 015
▲ #20	HNR 021 020	HNR 025 020	HNR 028 020	HNR 031 020
▲ #25	HNR 021 025	HNR 025 025	HNR 028 025	HNR 031 025
▲ #30	HNR 021 030	HNR 025 030	HNR 028 030	HNR 031 030
▲ #35	HNR 021 035	HNR 025 035	HNR 028 035	HNR 031 035
▲ #40	HNR 021 040	HNR 025 040	HNR 028 040	HNR 031 040
△ #45	HNR 021 045	HNR 025 045	HNR 028 045	HNR 031 045
▲ #50	HNR 021 050	HNR 025 050	HNR 028 050	HNR 031 050
▲ #55	HNR 021 055	HNR 025 055	HNR 028 055	HNR 031 055
▲ #60	HNR 021 060	HNR 025 060	HNR 028 060	HNR 031 060
▲ #70	HNR 021 070	HNR 025 070	HNR 028 070	HNR 031 070
▲ #80	HNR 021 080	HNR 025 080	HNR 028 080	HNR 031 080
#15-40	HNR 021 A01	HNR 025 A01	HNR 028 A01	HNR 031 A01
#40-80	HNR 021 A02	HNR 025 A02	HNR 028 A02	HNR 031 A02

S.S. Hand Use Reamer

Size	21mm	25mm	28mm	31mm
▲ #6	HSR 021 006	HSR 025 006	HSR 028 006	HSR 031 006
▲ #8	HSR 021 008	HSR 025 008	HSR 028 008	HSR 031 008
▲ #10	HSR 021 010	HSR 025 010	HSR 028 010	HSR 031 010
△ #15	HSR 021 015	HSR 025 015	HSR 028 015	HSR 031 015
▲ #20	HSR 021 020	HSR 025 020	HSR 028 020	HSR 031 020
▲ #25	HSR 021 025	HSR 025 025	HSR 028 025	HSR 031 025
▲ #30	HSR 021 030	HSR 025 030	HSR 028 030	HSR 031 030
▲ #35	HSR 021 035	HSR 025 035	HSR 028 035	HSR 031 035
▲ #40	HSR 021 040	HSR 025 040	HSR 028 040	HSR 031 040
△ #45	HSR 021 045	HSR 025 045	HSR 028 045	HSR 031 045
▲ #50	HSR 021 050	HSR 025 050	HSR 028 050	HSR 031 050
▲ #55	HSR 021 055	HSR 025 055	HSR 028 055	HSR 031 055
▲ #60	HSR 021 060	HSR 025 060	HSR 028 060	HSR 031 060
▲ #70	HSR 021 070	HSR 025 070	HSR 028 070	HSR 031 070
▲ #80	HSR 021 080	HSR 025 080	HSR 028 080	HSR 031 080
#15-40	HSR 021 A01	HSR 025 A01	HSR 028 A01	HSR 031 A01
#40-80	HSR 021 A02	HSR 025 A02	HSR 028 A02	HSR 031 A02

NiTi Spreader

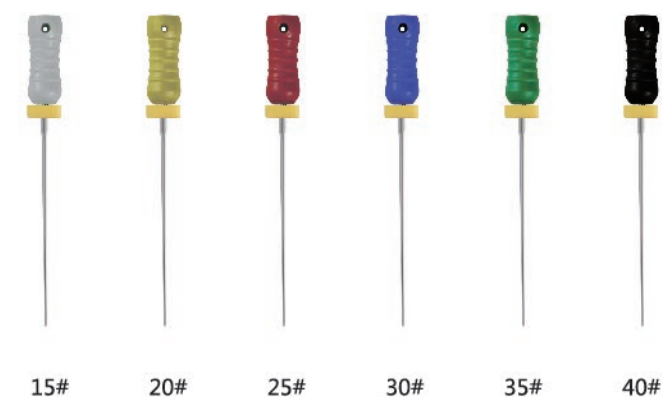
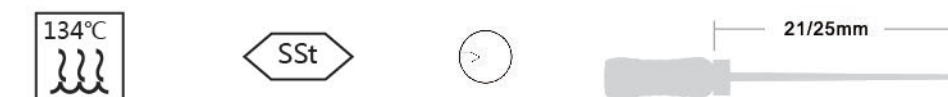
- Used for filling gutta percha points in medium or thin curve canals laterally
- With stopper to mark the working length
- Autoclavable



Size	21mm	25mm
○ #15	HNS 021 015	HNS 025 015
● #20	HNS 021 020	HNS 025 020
● #25	HNS 021 025	HNS 025 025
● #30	HNS 021 030	HNS 025 030
● #35	HNS 021 035	HNS 025 035
● #40	HNS 021 040	HNS 025 040
#15-40	HNS 021 A01	HNS 025 A01

S.S. Spreader

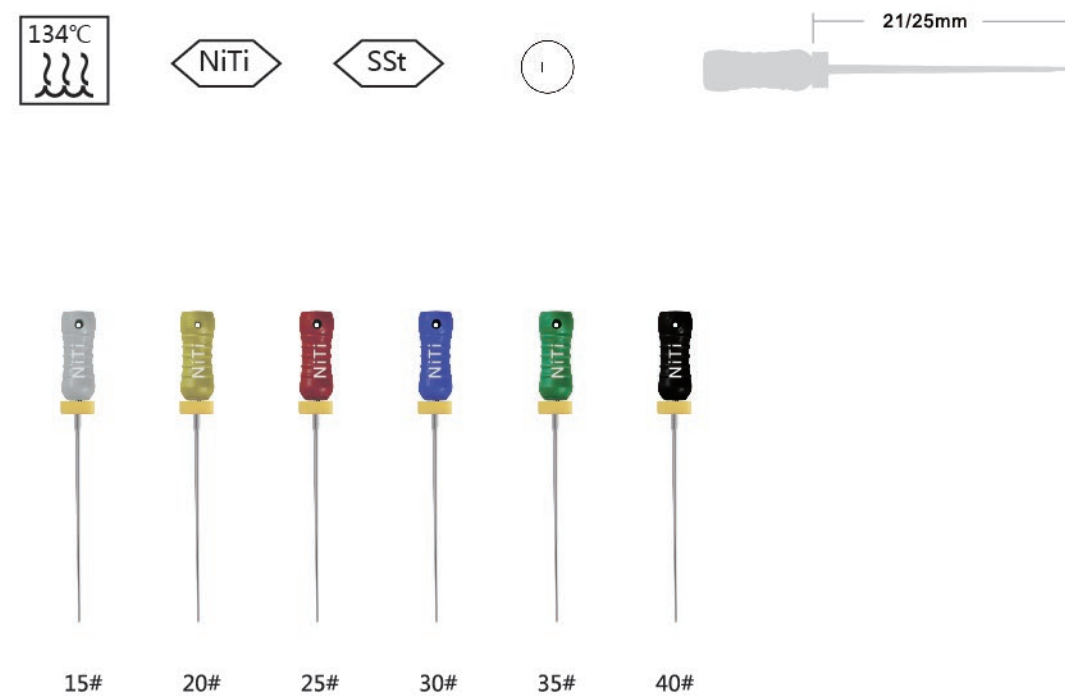
- Used for filling gutta percha points in medium or thin canals laterally
- With stopper to mark the working length
- Autoclavable



Size	21mm	25mm
○ #15	HSP 021 015	HSP 025 015
● #20	HSP 021 020	HSP 025 020
● #25	HSP 021 025	HSP 025 025
● #30	HSP 021 030	HSP 025 030
● #35	HSP 021 035	HSP 025 035
● #40	HSP 021 040	HSP 025 040
#15-40	HSP 021 A01	HSP 025 A01

Plugger

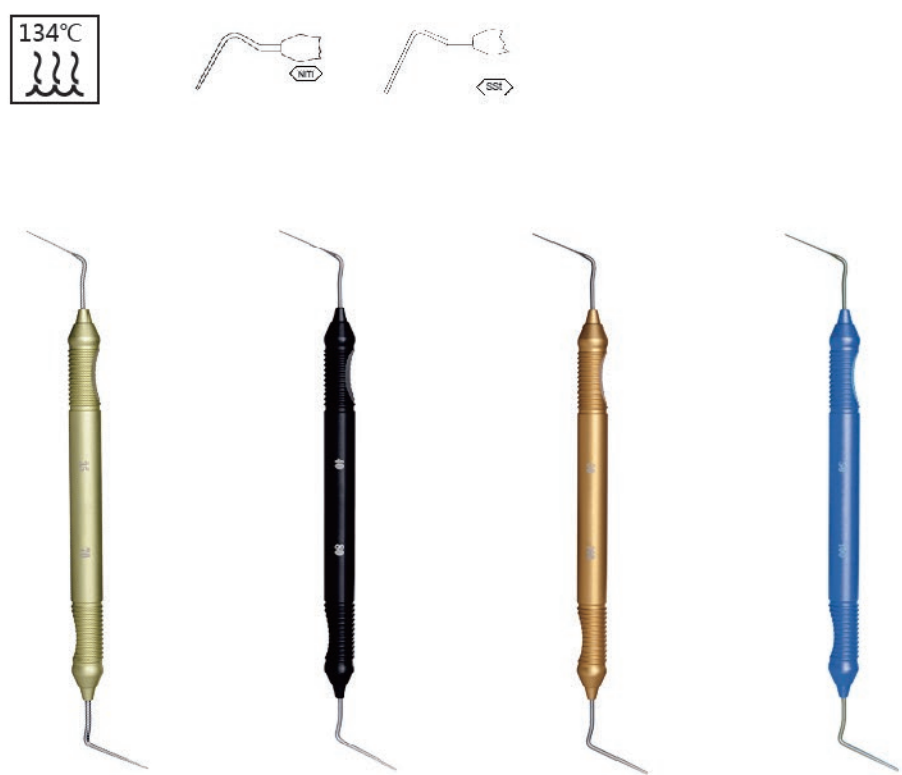
- Used for filling gutta percha points vertically in apical area or curve canals
- With stopper to mark the working length
- Autoclavable



Size	21mm(NiTi)	25mm(NiTi)	21mm(S.S.)	25mm(S.S.)
○ #15	HNP 021 015	HNP 025 015	HSP 021 015	HSP 025 015
● #20	HNP 021 020	HNP 025 020	HSP 021 020	HSP 025 020
● #25	HNP 021 025	HNP 025 025	HSP 021 025	HSP 025 025
● #30	HNP 021 030	HNP 025 030	HSP 021 030	HSP 025 030
● #35	HNP 021 035	HNP 025 035	HSP 021 035	HSP 025 035
● #40	HNP 021 040	HNP 025 040	HSP 021 040	HSP 025 040
#15-40	HNP 021 A01	HNP 025 A01	HSP 021 A01	HSP 025 A01

GP Plugger

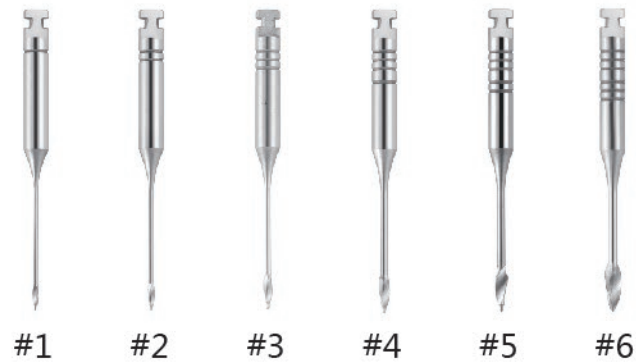
- Having both nickel-titanium end and stainless steel end
- It can be used in any common endodontic obturation technique including warm and cold condensation
- Color-coding designing, easy to recognize
- Light weight, comfortable to hold



Size	
● #35-#70	GPP 035 070
● #40-#80	GPP 040 080
● #50-#100	GPP 050 100
● #60-#120	GPP 060 120
set1(3pcs)	GPP 000 A01
set2(4pcs)	GPP 000 A02

Gates Drill

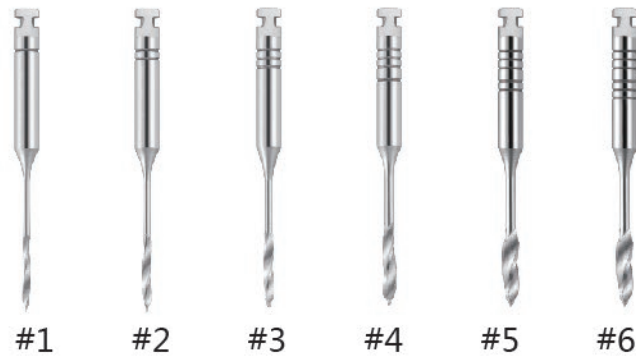
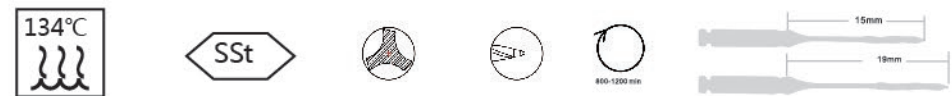
- High quality medical Stainless Steel
- Used for expanding the canal entrance or preparation for middle-upper part of the canals
- Short blades, diameter for working blades is from 0.50mm-1.50mm
- Safe design
- Ring numbers show different sizes
- Recommended speed: 800-1200 rpm
- Sizes: #1, #2, #3, #4, #5, #6, #1-6 Length: 28mm, 32mm



Size	Rings	28mm	32mm
#1 / 050	1	ESG 028 001	ESG 032 001
#2 / 070	2	ESG 028 002	ESG 032 002
#3 / 090	3	ESG 028 003	ESG 032 003
#4 / 110	4	ESG 028 004	ESG 032 004
#5 / 130	5	ESG 028 005	ESG 032 005
#6 / 150	6	ESG 028 006	ESG 032 006
#1-#6		ESG 028 A01	ESG 032 A01

Peeso Reamer

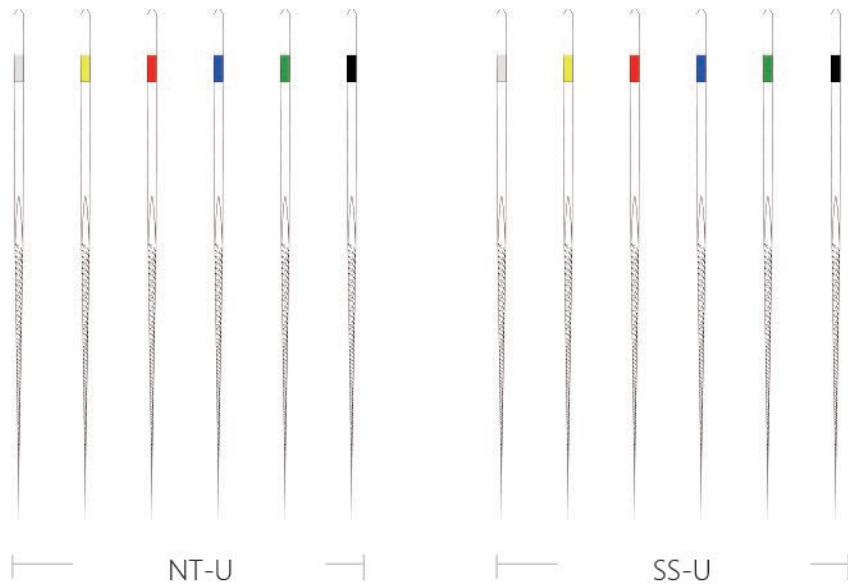
- High quality medical Stainless Steel
- Used for preparing the 1/3 coronal part of canals, obturation removal and preparation for post
- Long blades, diameter for working blades is from 0.70mm-1.70mm
- Safe design
- Ring numbers show different sizes
- Recommended speed: 800-1200 rpm
- Sizes: #1, #2, #3, #4, #5, #6, #1-6 Length: 28mm, 32mm



Size	Rings	28mm	32mm
#1 / 070	1	ESP 028 001	ESP 032 001
#2 / 090	2	ESP 028 002	ESP 032 002
#3 / 110	3	ESP 028 003	ESP 032 003
#4 / 130	4	ESP 028 004	ESP 032 004
#5 / 150	5	ESP 028 005	ESP 032 005
#6 / 170	6	ESP 028 006	ESP 032 006
#1-#6		ESP 028 A01	ESP 032 A01

US-File

- Medical Stainless Steel or MaxTech NiTi alloy, taper 0.02
- Used for ultrasonic cleaning
- Length: 27mm or 33mm, available sizes: #15-#40



Size	27mm	33mm
○ NT-U #15	NTU 027 015	NTU 033 015
● NT-U #20	NTU 027 020	NTU 033 020
● NT-U #25	NTU 027 025	NTU 033 025
● NT-U #30	NTU 027 030	NTU 033 030
● NT-U #35	NTU 027 035	NTU 033 035
● NT-U #40	NTU 027 040	NTU 033 040
#15-40	NTU 027 A01	NTU 033 A01

Size	27mm	33mm
○ SS-U #15	SSU 027 015	SSU 033 015
● SS-U #20	SSU 027 020	SSU 033 020
● SS-U #25	SSU 027 025	SSU 033 025
● SS-U #30	SSU 027 030	SSU 033 030
● SS-U #35	SSU 027 035	SSU 033 035
● SS-U #40	SSU 027 040	SSU 033 040
#15-40	SSU 027 A01	SSU 033 A01

Reamers Square

- For Screw Post.



Tapered Reamer

- For Screw Post.



Screwpost Reamer

- For Screw Post.



Endo Debrider

- H-files type instruments are used for debriding canals under microscope.

N°1 020/02 N°2 030/02

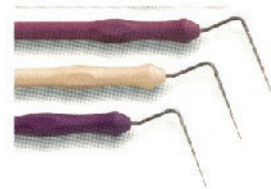


Size	
#20/02	HED T02 020
#30/02	HED T02 030
SET(2pcs)	HED 000 A01

Endo Opener

- K-files type instruments are used for opening canals under microscope.

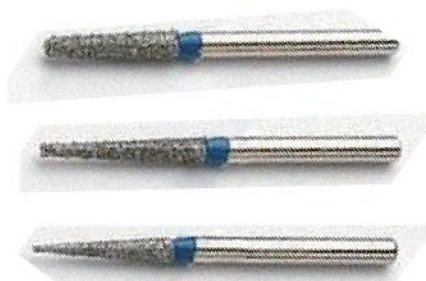
N°1 010/04 N°2 015/04 N°3 010/06



Size	
#10/004	HEO T04 010
#15/004	HEO T04 015
#10/006	HEO T06 010
SET(3pcs)	HEO 000 A01

Diamond Bur

- Excellent trimming efficiency.
- Speed: 120,000-160,000 rpm.



Endo Bur

- Designed with long conical head, 6 helical cutting edges.
- Used for opening the pulp cavity to provide access to root orifices



Smooth Broach



Size	52mm
#0	HSB 052 010
#2	HSB 052 030
#4	HSB 052 050



Square Broach



Size	52mm
#000	HSS 052 010
#00	HSS 052 020
#0	HSS 052 030



Barbed Broach

- Instruments with barbs for removing soft tissue from root canals.
- Taking out dental pulp by turning 180 degree after entering root canals.



Size	21mm	25mm
XXXXF/#0	HSB 021 010	HSB 025 010
XXXF/#1	HSB 021 020	HSB 025 020
XXF/#2	HSB 021 030	HSB 025 030
XF/#3	HSB 021 040	HSB 025 040
F/#4	HSB 021 050	HSB 025 050
M/#5	HSB 021 060	HSB 025 060
C/#6	HSB 021 070	HSB 025 070
#2-4	HSB 021 A01	HSB 025 A01
#0-6	HSB 021 A02	HSB 025 A02



S.S. Hand Use K-File(vet.)



- 60mm length, 30mm blades, with metal handle



- 120mm length is available



S.S. Hand Use H-File(vet.)



- 60mm length, 30mm blades, with metal handle



- 120mm length is available



47mm Broaches(vet.)



- Special design for veterinary use.



Absorbent Paper Points

- Sterilized by gamma rays
- Easily fit with the root canal



- Taper: 2%/4%/6%.
- Size: #15, #20, #25, #30, #35, #40, #45, #50, #55, #60, #70, #80, #90, #100, #110, #120, #130, #140, #15-40, #45-80, #90-140



Gutta Percha Points

- High precision.
- Reliable insertion down to the apex.



- Taper: 2%/4%/6%.
- Size: #15, #20, #25, #30, #35, #40, #45, #50, #55, #60, #70, #80, #90, #100, #110, #120, #130, #140, #15-40, #45-80, #90-140



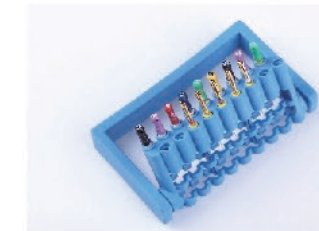
Measuring Block

- Easy to use, accurate settings, durable construction.
- Autoclavable up to 135 degree Celsius.



Dispenser

- Designed for cleaning and autoclaving of endo instruments.
- Holds 18 hand use or engine instruments up to size 120(all lengths).
- Medical grade plastic, autoclavable up to 135 degree Celsius.



Ruler

- For both hand use and engine instruments.
- Gauges from 1mm to 30mm for right or left hand.



Block

- Made of resin material.
- Accurate simulation for root canals.



Stopper

- Round & Square & Round with tails.
- Grey, pink, white, yellow, red, blue, green, black colors are available.

