



SUPERLINE
TECHNOLOGY

NIC[®] ENDODONTIC INSTRUMENTS

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SUPERLINE
TECHNOLOGY

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.



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Professional Solutions

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
- Suitable for regular canal preparation
- Triangular cross section and safe guiding tip
- Variable taper, optimize file function
- Continuous clockwise rotation
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

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

Shape the apical 1/3 with finisher (F1, F2). If necessary, proceed to F3, F4, F5

SX → S1 → S2 → F1 / F2 → F3 / F4 / F5



U-File	SX	S1	S2	F1	F2	F3	F4	F5
Size	019/04	017/02	020/04	020/07	025/08	030/09	040/06	050/05
Speed(RPM)	250	250	250	250	250	250	250	250
Torque(N.CM)	3.0	2.0	1.5	1.5	2.0	2.0	2.0	2.0
GP				F1	F2	F3	F4	F5

Model	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

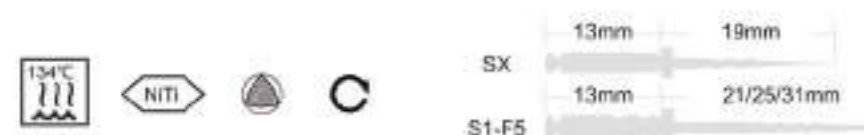
- MaxTech 3.0 Niti alloy
- Suitable for canal curvature <15°
- Triangular cross section and safe guiding tip
- Variable taper, optimize file function
- Continuous clockwise rotation
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

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

Shape the apical 1/3 with finisher (F1, F2). If necessary, proceed to F3, F4, F5

SX → S1 → S2 → F1 / F2 → F3 / F4 / F5



U+File	SX	S1	S2	F1	F2	F3	F4	F5
Size	019/04	018/02	020/04	020/07	025/08	030/09	040/06	050/05
Speed(RPM)	300	300	300	300	300	300	300	300
Torque(N.CM)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
GP				F1	F2	F3	F4	F5

Model	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

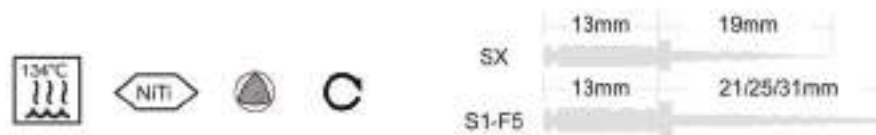
- MaxTech 6.0 Niti alloy
- Suitable for canal curvature 15°-35°
- More flexible and it could be preshaped
- Triangular cross section and safe guiding tip
- Variable taper, optimize file function
- Continuous clockwise rotation
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

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

Shape the apical 1/3 with finisher (F1, F2). If necessary, proceed to F3, F4, F5

SX → S1 → S2 → F1 / F2 → F3 / F4 / F5



U-Blue	SX	S1	S2	F1	F2	F3	F4	F5
Size	019/04	018/02	020/04	020/07	025/08	030/09	040/05	050/05
Speed(RPM)	400	400	400	400	400	400	400	400
Torque(N.CM)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
GP				F1	F2	F3	F4	F5

Model	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

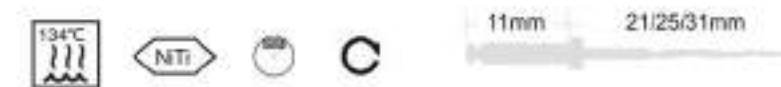
- MaxTech Niti alloy
- Suitable for regular canal
- Archimedean spiral movement for efficient debris removal
- Variable taper, minimize shaping sequence
- Asymmetrical rectangular cross section
- Accurate shaping and finishing preserve dentin
- Continuous clockwise rotation
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

Build a smooth glide path (T File)

Shape the root canal until it reaches working length (X1)

Continue with X2 to reach working length. If necessary, come to X3, X4, X5



X-File	X1	X2	X3	X4	X5
Size	017/04	025/06	030/07	040/06	050/06
Speed(RPM)	300	300	300	300	300
Torque(N.CM)	2.0	2.0	2.0	2.0	2.0
GP	X1	X2	X3	X4	X5

Model	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 Nitinol alloy
- Suitable for canal curvature <15°
- Archimedean spiral movement for efficient debris removal
- Variable taper, minimize shaping sequence
- Asymmetrical rectangular cross section
- Accurate shaping and finishing preserve dentin
- Continuous clockwise rotation
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

Build a smooth glide path (T File)

Shape the root canal until it reaches working length (X1)

Continue with X2 to reach working length. If necessary, come to X3, X4, X5



X+File	X1	X2	X3	X4	X5
Size	017/04	025/06	030/07	040/08	050/08
Speed(RPM)	300	300	300	300	300
Torque(N.CM)	3.0	3.0	3.0	3.0	3.0
GP	X1	X2	X3	X4	X5

Model	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

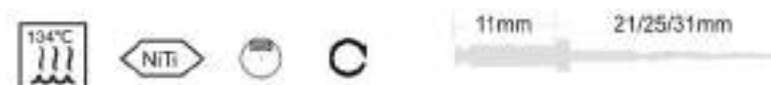
- MaxTech 6.0 Nitinol alloy
- Suitable for canal curvature 15°-35°
- More flexible and precurvable
- Archimedean spiral movement for efficient debris removal
- Variable taper, minimize shaping sequence
- Asymmetrical rectangular cross section
- Accurate shaping and finishing preserve dentin
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

Build a smooth glide path (T File)

Shape the root canal until it reaches working length (X1)

Continue with X2 to reach working length. If necessary, come to X3, X4, X5



X-Blue	X1	X2	X3	X4	X5
Size	017/04	025/06	030/07	040/08	050/08
Speed(RPM)	300	300	300	300	300
Torque(N.CM)	3.0	3.0	3.0	3.0	3.0
GP	X1	X2	X3	X4	X5

Model	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 curvature >35°
- Ultimate flexible and precurvable
- Archimedean spiral movement for efficient debris removal
- Variable taper, minimize shaping sequence
- Asymmetrical rectangular cross section

- Accurate shaping and finishing preserve dentin

- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

Build a smooth glide path (T File)

Shape the root canal until it reaches working length (X1)

Continue with X2 to reach working length. If necessary, come to X3, X4, X5

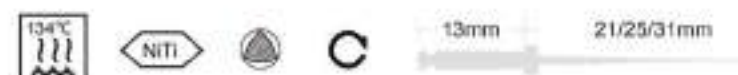


X-Grey	X1	X2	X3	X4	X5
Size	017/04	025/06	030/07	040/08	050/09
Speed(RPM)	600	600	600	600	600
Torque(N.CM)	3.0	3.0	3.0	3.0	3.0
GP	X1	X2	X3	X4	X5

Model	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
- Variable progressive taper
- Respect the root canal anatomy
- Create glide path and confirm root canal patency
- Continuous clockwise rotation
- Speed:250rpm Torque 3.0N.cm



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

T-File

- MaxTech Niti alloy
- Variable progressive taper
- Triangular cross section
- Respect the root canal anatomy
- Create glide path and confirm root canal patency
- Continuous clockwise rotation
- Speed:250rpm 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
- Largely improved fatigue life
- Triangular cross section
- Variable progressive taper
- Respect the root canal anatomy
- Create glide path and confirm root canal patency
- 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, triangular shape at coronal, S shape at apical blade
- One file system with continuous rotation
- Accurate cutting, lessen debris to apical



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, triangular shape at coronal, S shape at apical blade
- One file system with continuous rotation
- Accurate cutting, lessen debris to apical



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

W-File

- MaxTech Niti alloy
- One file system
- Strong cutting, increase treatment efficiency
- Progressive on taper design and cutting flute length
- Reciprocating movement
- Crown-Down technique, suitable for most root canals



W-File	Small	Primary	Large
Size	021/06	025/06	040/06
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
- Significantly enhanced fatigue life
- One file system
- Strong cutting, increase treatment efficiency
- Asymmetrical parallelogram cross section, 1-2 cutting points to reduce stress
- Progressive on taper design and cutting flute length
- Reciprocating movement
- Crown-Down technique, suitable for most root canals



W+File	Small	Primary	Medium	Large
Size	020/07	025/07	035/06	040/06
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

W-Blue

- MaxTech 6.0 Niti alloy
- More flexible and it could be preshaped
- One file system
- Strong cutting, increase treatment efficiency
- Asymmetrical parallelogram cross section, 1-2 cutting points to reduce stress
- Progressive on taper design and cutting flute length
- Reciprocating movement
- Crown-Down technique, suitable for most root canals



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 normal curved canal
- Reciprocating motion
- Regressive taper design to prevent unnecessary loss of coronal dentin

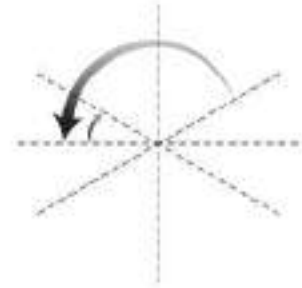


V-File	R25	R40	R50
Size	025/08	040/06	050/05
Speed(RPM)	Reciprocating	Reciprocating	Reciprocating
Torque(N·CM)	Reciprocating	Reciprocating	Reciprocating
GP	R25	R40	R50

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

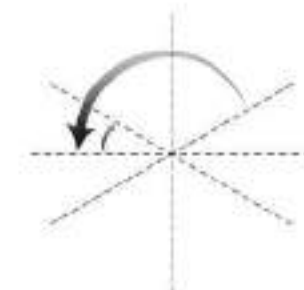
V+File

- MaxTech 3.0 Niti alloy
- Significantly enhanced fatigue life
- Suitable for normal curved canal
- Reciprocating motion
- Regressive taper design to prevent unnecessary loss of coronal dentin



V-Blue

- MaxTech 6.0 Niti alloy
- Suitable for normal / severe curved canal
- More flexible and it could be preshaped
- Reciprocating motion
- Effective cutting
- Regressive taper design to prevent unnecessary loss of coronal dentin



V+File	R25	R40	R50
Size	025/08	040/08	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	R25	R40	R50
Size	025/08	040/08	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

O-File

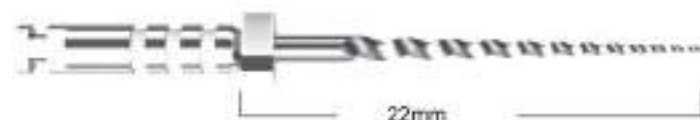
- MaxTech Niti alloy
- Progressive on taper design and cutting flute length
- Remover of gutta percha and other obturation material
- Color rings correspond to different sizes



D1 ISO 030, 9%, 16mm
for coronal filling removal



D2 ISO 025, 8%, 18mm
for middle filling removal



D3 ISO 020, 7%, 22mm
for apical filling removal

Model	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
- Significantly enhanced fatigue life
- Progressive on taper design and cutting flute length
- Remover of gutta percha and other obturation material
- Color rings correspond to different sizes



D1 ISO 030, 9%, 16mm
for coronal filling removal



D2 ISO 025, 8%, 18mm
for middle filling removal



D3 ISO 020, 7%, 22mm
for apical filling removal

Model	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

DH-U

- MaxTech NiTi Alloy
- Fixed taper .02/.04/.06
- Speed: 300rpm Torque: 2.0N.cm
- 13mm standard handle
- Special taper ring marking can be customized



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



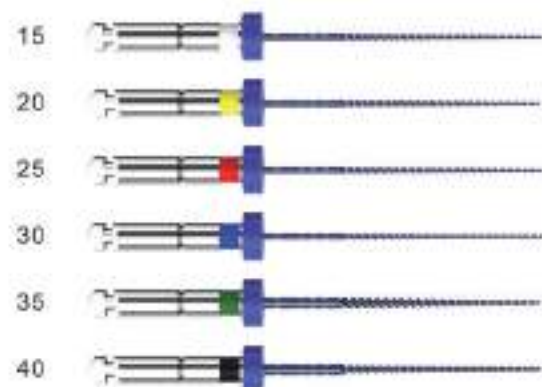
Size	21mm	25mm	31mm
○ 15	KV2 021 015	KV2 025 015	KV2 031 015
● 20	KV2 021 020	KV2 025 020	KV2 031 020
● 25	KV2 021 025	KV2 025 025	KV2 031 025
● 30	KV2 021 030	KV2 025 030	KV2 031 030
● 35	KV2 021 035	KV2 025 035	KV2 031 035
● 40	KV2 021 040	KV2 025 040	KV2 031 040
15-40	KV2 021 A01	KV2 025 A01	KV2 031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

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

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



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



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

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

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

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

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



SuperFile

- MaxTech Niti alloy
- Convex triangular cross section
- Progressive on taper design and cutting flute length
- Silicon handle, color correspond to different file sizes
- Crown-Down Sequence:

Create straight-line access to canal orifice (SX)

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

Shape the apical 1/3 with finisher (F1, F2). If necessary, proceed to F3, F4, F5

SX → S1 → S2 → F1 / F2 → F3 / F4 / F5



	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. 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



K-File

- Square cross section
- For initial root canal scouting
- Available in Niti and Stainless Steel material
- Autoclavable



NiTi Hand Use K-File

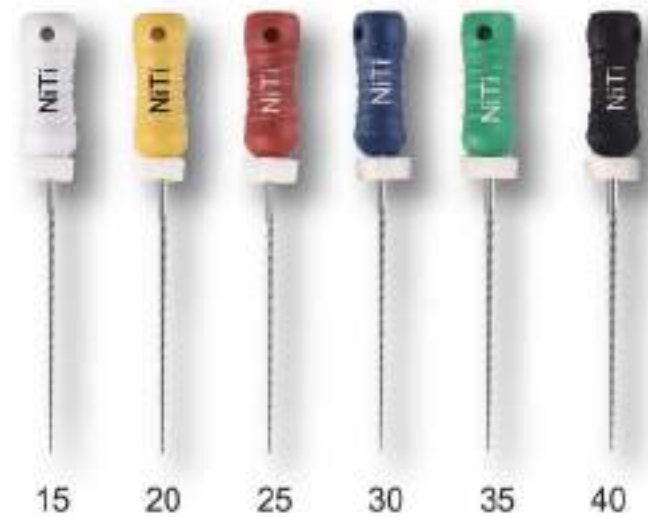
Size	21mm	25mm	28mm	31mm
8	HNK 021 008	HNK 025 008	HNK 028 008	HNK 031 008
10	HNK 021 010	HNK 025 010	HNK 028 010	HNK 031 010
15	HNK 021 015	HNK 025 015	HNK 028 015	HNK 031 015
20	HNK 021 020	HNK 025 020	HNK 028 020	HNK 031 020
25	HNK 021 025	HNK 025 025	HNK 028 025	HNK 031 025
30	HNK 021 030	HNK 025 030	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
45-80	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
45-80	HSK 021 A02	HSK 025 A02	HSK 028 A02	HSK 031 A02

H-File

- Round cross section
- Effective dentin cutting
- Available in NiTi and Stainless Steel material
- 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
45-80	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
45-80	HSH 021 A02	HSH 025 A02	HSH 028 A02	HSH 031 A02

Reamer

- Triangular cross section
- Effective dentin cutting
- Available in Niti and Stainless Steel material
- 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
45-80	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
45-80	HSR 021 A02	HSR 025 A02	HSR 028 A02	HSR 031 A02

Spreader

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



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

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
5	HSC 021 005	HSC 025 005	HSC 028 005
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

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-coded handle, 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

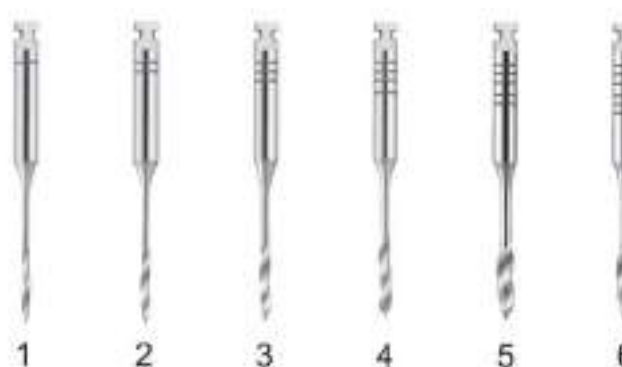
- High quality medical Stainless Steel
- Used for expanding the canal entrance or preparation for middle-upper part of the canals
- Short blades, diameter for working blades is from 0.50mm-1.50mm
- Ring numbers show different sizes
- Recommended speed: 800-1200 rpm
- Sizes: #1, #2, #3, #4, #5, #6, #1-6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

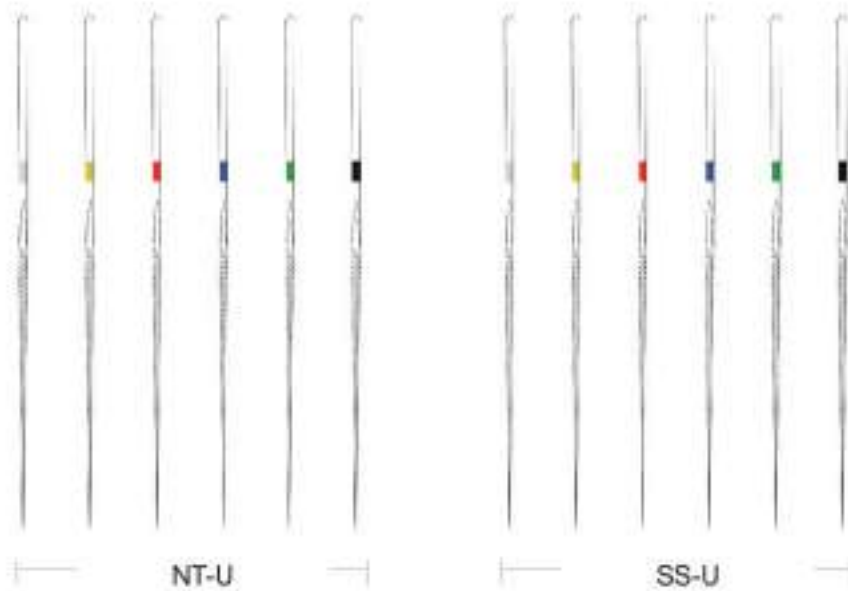
- High quality medical Stainless Steel
- Used for preparing the 1/3 coronal part of canals, obturation removal and preparation for post
- Long blades, diameter for working blades is from 0.70mm-1.70mm
- Ring numbers show different sizes
- Recommended speed: 800-1200 rpm
- Sizes: #1, #2, #3, #4, #5, #6,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



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



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

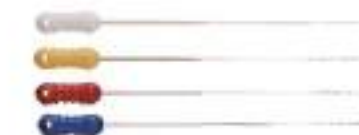


- 120mm length is available

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

