

*Ricerca e Selezione
Qualità & Soluzioni
per voi!*



NIC

NIC[®]



Endo NIC

ENDODONTIC INSTRUMENTS

FOR BETTER ENDO

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COMPANY PROFILE



SUPERLINE® was founded in 2002.

With over two decades 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 80 countries and areas.

Established by three experts in material science and technology, SUPERLINE® focuses 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 10,000m² factory to make sure our products are consistent with top quality, including μm level precision machining center, laser measuring instruments, photoelectric μm and tensile testing machines. Our products are certified by CE 0197, FDA and quality system has passed ISO 13485.

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

2002 year
Founded in

10,000 m²
Factory

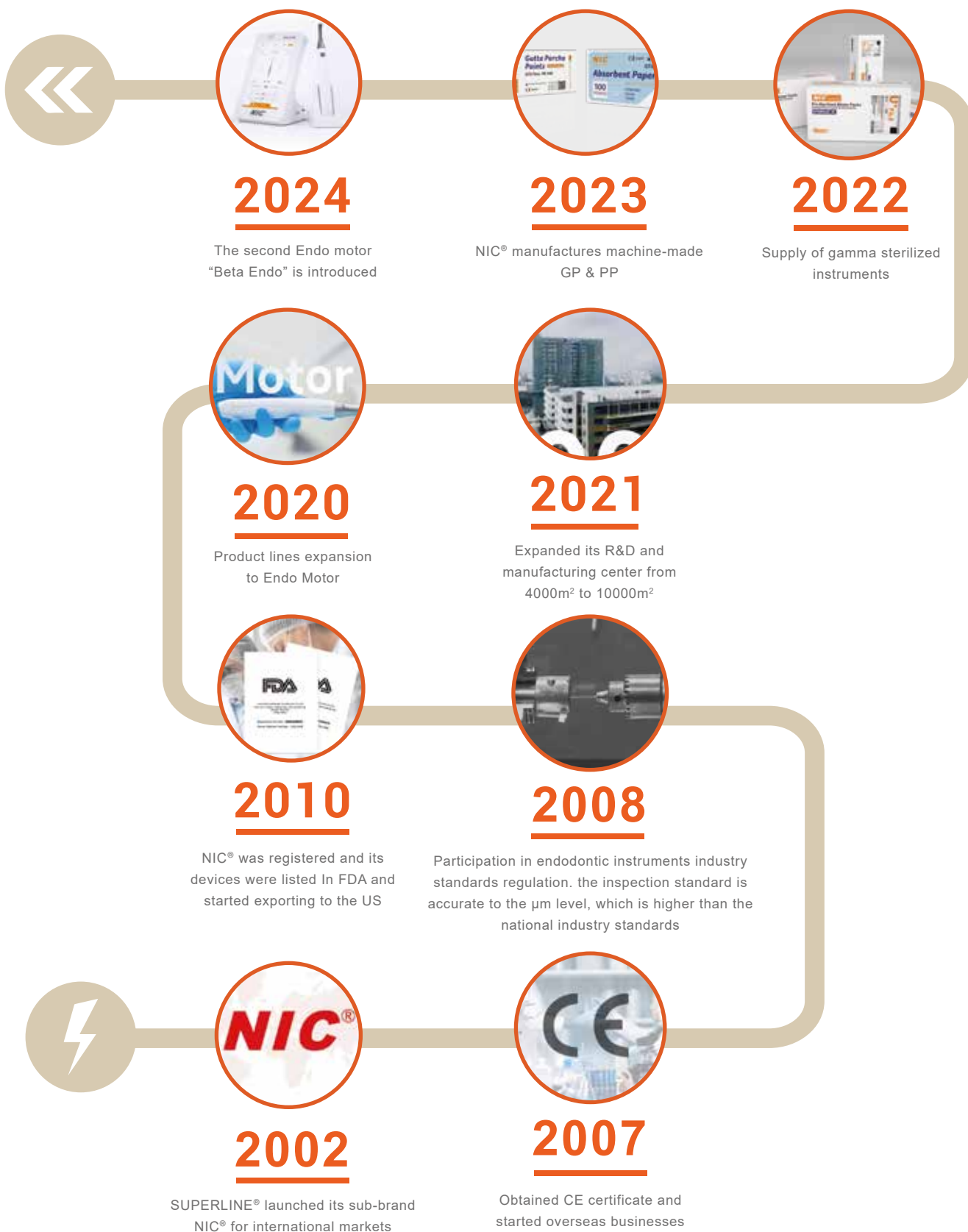
80
Countries/Regions





nicdental.com

Milestones



Pre-Sterilized Blister Packs



READY TO USE + SINGLE USE

NIC® files are supplied in sterilized blister packs for benefiting doctors from the decreased chance of cross-contamination, which may happen when using re-used instruments

Files that can provide sterilization packaging

Hand File

Plugger	K-File	Reamer
S.S. C-file	H-File	Spreader

Machine File

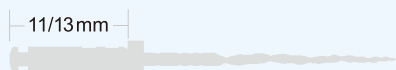
EZ-Pass	W+	MH File
EZ-One	W+Tunnel	KD File
EZ-Can	V-Series	X-Series
U-Series	KM Series	GF File
T-Series	PRG	Z-File
A-Series	KV Blue	O-Series



Integrity Of NIC File

SHANK

Compression-fit (resistance to separation)
Compatible to endo-motors
Short Shank (11mm/13mm available)



STOPPER

Radiopaque silicone
Undeformed
Stays in place



PACKAGING

Sterilized blister packs available



SAFE GUIDING TIP

No screwing-in effect



COLOR CODING

ISO standardized color marks for quick identification



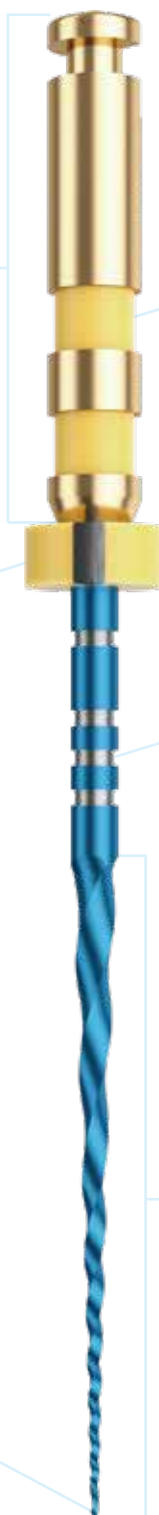
DEPTH MARKINGS

Clearly visible



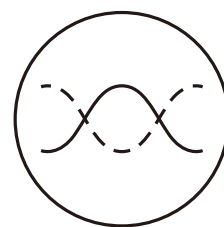
WORKING LENGTH

Electropolished cutting flutes
Smooth, clean, sharp



MaxTech[®] Treatment

NIC[®] exclusive MaxTech[®] is an innovated process in which alter the micro structure of Niti alloy thus increasing flexibility and resistance to cyclic fatigue of NIC[®] endo files.



MaxTech[®]

Maxtech 3.0

Enhance fatigue life

For conventional root canal curvature (~15°)



Maxtech 6.0

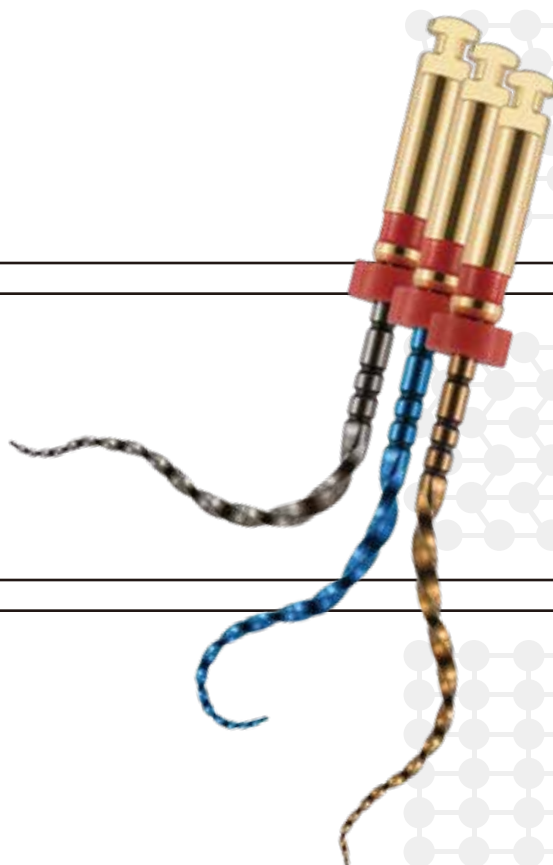
Moderately flexible and pre-curved

Used for curvature (~30°) root canal preparation



Maxtech 9.0

Root canal preparation ≥ 30



You love the premium NIC quality with edging technologies!

NIC[®] files are **100% compliance with ISO Standards**: accuracy to ± 0.02 mm. Its premium quality is secured by each step of meticulously including nm level precision machining center, laser measuring instruments, photoelectric um and tensile testing machines.



nicdental.com

SHAPING



Reference Guides

If you use

Continuous Rotation	U-Series	X-Series	KM File	KV Pro	O-File	PRG	KD File	Theta File	MH File	Z File
Protaper Gold® / Protaper Universal®	YES	-	-	-	-	-	-	-	-	-
Protaper Next®	-	YES	-	-	-	-	-	-	-	-
M2®	-	-	YES	-	-	-	-	-	-	-
Flex Master®	-	-	-	YES	-	-	-	-	-	-
Protaper Retreatment®	-	-	-	-	YES	-	-	-	-	-
Glide Path Files®	-	-	-	-	-	YES	-	-	-	-
Vortex Blue®	-	-	-	-	-	-	YES	-	-	-
Thunatomy®	-	-	-	-	-	-	-	YES	-	-
X7®	-	-	-	-	-	-	-	-	YES	-
Protaper Ultimate®	-	-	-	-	-	-	-	-	-	YES

If you use

Reciprocating Movement	V-Series	W+	W+ Tunnel File
Reciproc Blue®	YES	-	-
Waveone Gold®	-	YES	-
Glide Path Files®	-	-	YES

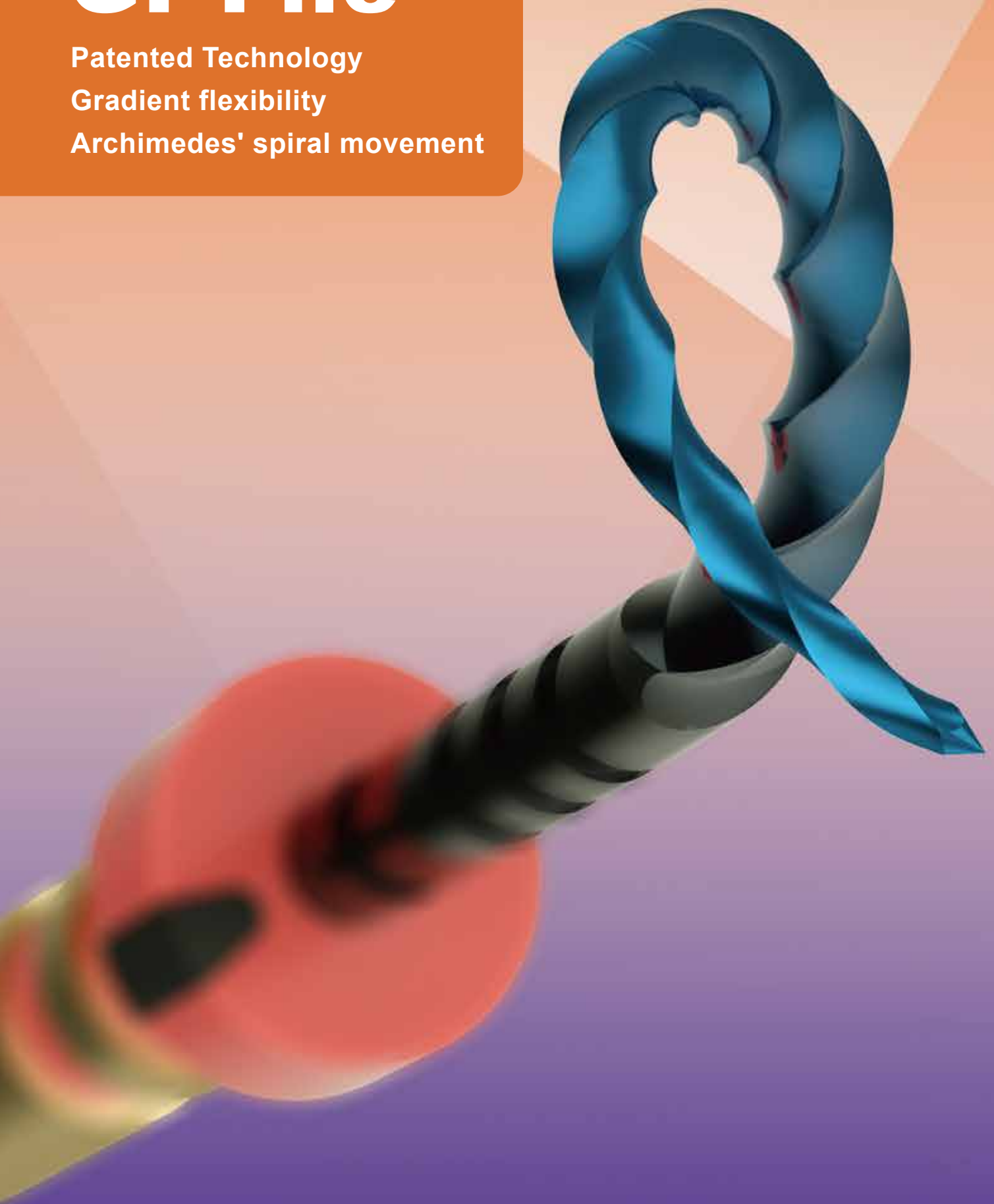


GF File[®]

Patented Technology

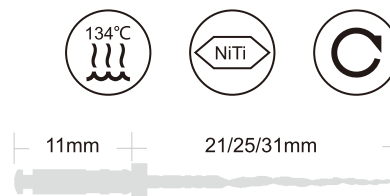
Gradient flexibility

Archimedes' spiral movement



GF File

NIC Patented System



SHAPING

CHARACTERISTICS

- Gradient flexibility is produced with patented technology, presenting different flexibility.
- Progressive flexibility transition from the upper to the apical.
- Depth marking area helps the file to be well centered in the root canal and effectively conduct axial force source.
- Respect natural root canal anatomy, get accurate feedback from file tip with true expression of root canal morphology.
- Sequential shaping reduce the difficulty of preparing small and curved root canals.
- One last standardized finishing file Z3 25/.06 for intend to taper confirmation and precise match to GP.



PARAMETERS

GF FILE	SX	T	Z1	Z2	Z3
Size	19/.04	17/.02	20/.04	20/.06	25/.06
Speed(RPM)	400	450	450	450	450
Torque(N·cm)	3.0	1.5	1.5	3.0	3.0

GF File

	19mm	21mm	25mm	31mm
● SX	GFF 019 1904	-	-	-
○ T	-	GFF 021 1702	GFF 025 1702	GFF 031 1702
● Z1	-	GFF 021 2004	GFF 025 2004	GFF 031 2004
● Z2	-	GFF 021 2006	GFF 025 2006	GFF 031 2006
● Z3	-	GFF 021 2506	GFF 025 2506	GFF 031 2506
SX-Z3	-	GFF 021 A001	GFF 025 A001	GFF 031 A001



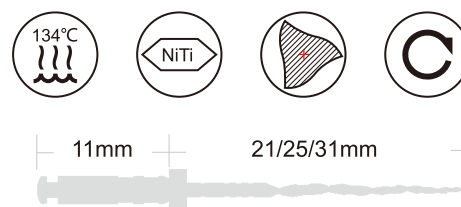
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MH File

Minimum Invasive system

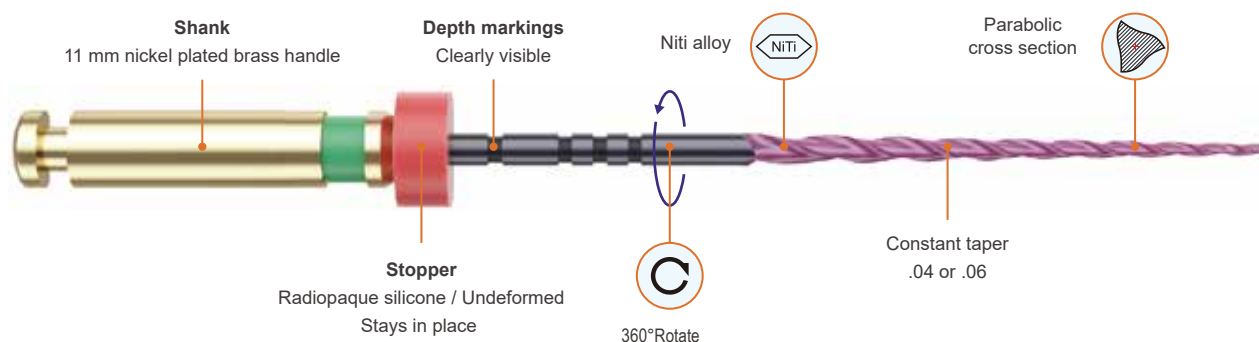
New Products

NIC® Special treated MH file enables shaping canals with less shape memory and bounce-back effects which on the other hand increases file flexibility. MH files can be closely adhered to the canal's anatomy without straightening out, reducing the risk of ledging, transportation and perforation.



CHARACTERISTICS

- Constant taper for easy obturation
- Extremely flexible for following canal anatomy
- Parabolic cross section



PARAMETERS

MH4 File

Size	17/.04	20/.04	25/.04	30/.04	35/.04	40/.04
Speed(RPM)	350-400	350-400	350-400	350-400	350-400	350-400
Torque(N·cm)	3-3.5	3-3.5	3-3.5	3-3.5	3-3.5	3-3.5

MH6 File

Size	17/.06	20/.06	25/.06	30/.06	35/.06	40/.06
Speed(RPM)	350-400	350-400	350-400	350-400	350-400	350-400
Torque(N·cm)	3-3.5	3-3.5	3-3.5	3-3.5	3-3.5	3-3.5



MH4 File

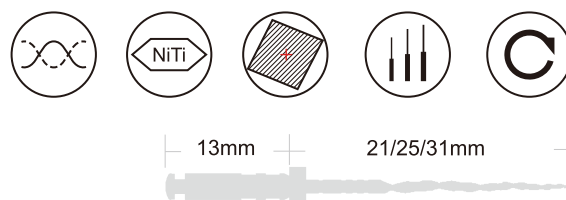
	21mm	25mm	31mm
17/.04	AMH4 021 017	AMH4 025 017	AMH4 031 017
20/.04	AMH4 021 020	AMH4 025 020	AMH4 031 020
25/.04	AMH4 021 025	AMH4 025 025	AMH4 031 025
30/.04	AMH4 021 030	AMH4 025 030	AMH4 031 030
35/.04	AMH4 021 035	AMH4 025 035	AMH4 031 035
40/.04	AMH4 021 040	AMH4 025 040	AMH4 031 040
17/.04-40/.04	AMH4 021 A01	AMH4 025 A01	AMH4 031 A01

MH6 File

	21mm	25mm	31mm
17/.06	AMH6 021 017	AMH6 025 017	AMH6 031 017
20/.06	AMH6 021 020	AMH6 025 020	AMH6 031 020
25/.06	AMH6 021 025	AMH6 025 025	AMH6 031 025
30/.06	AMH6 021 030	AMH6 025 030	AMH6 031 030
35/.06	AMH6 021 035	AMH6 025 035	AMH6 031 035
40/.06	AMH6 021 040	AMH6 025 040	AMH6 031 040
17/.06-40/.06	AMH6 021 A01	AMH6 025 A01	AMH6 031 A01

Theta File

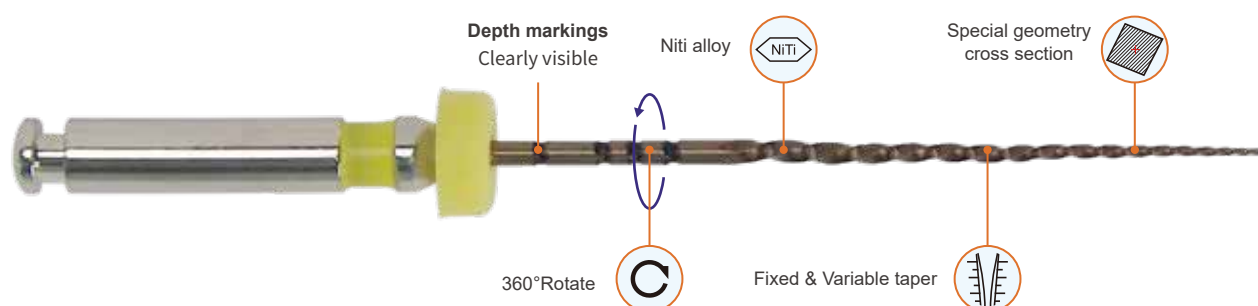
Minimum Invasive system



Less invasive and more dentin reserved is the whole concept of Theta file. The Theta file system contains 1+1+3 files, which are modifier 20/.08, 17/.02 Glider, 3 sizes of shaping files ranging from 20/.04, 26/.04 and 36/.03.

CHARACTERISTICS

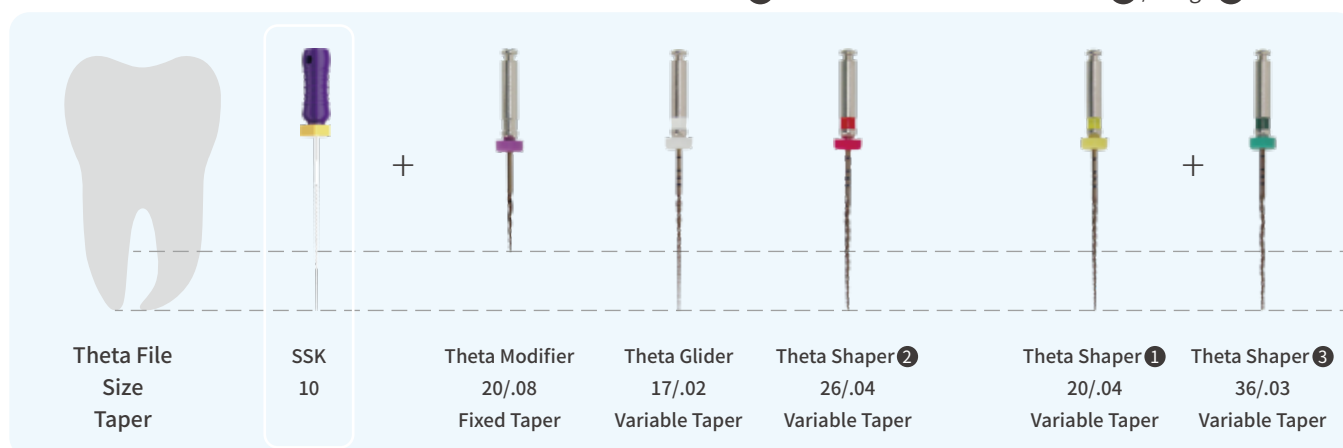
- Maxtech 3.0 heat treated Niti files
- Fine and slim files
- Special instruments geometry for better debris removal
- Respecting root canal anatomy



PARAMETERS

Normal canals ②

Small ① / Large ③ canals



Theta File

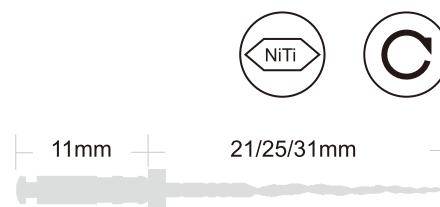
	16mm	21mm	25mm	31mm
20/.08	ATT 016 020	-	-	-
17/.02	-	ATT 021 017	ATT 025 017	ATT 031 017
20/.04	-	ATT 021 020	ATT 025 020	ATT 031 020
26/.04	-	ATT 021 026	ATT 025 026	ATT 031 026
36/.04	-	ATT 021 036	ATT 025 036	ATT 031 036
20/.08-36/.04	-	ATT 021 A01	ATT 025 A01	ATT 031 A01



X-Series

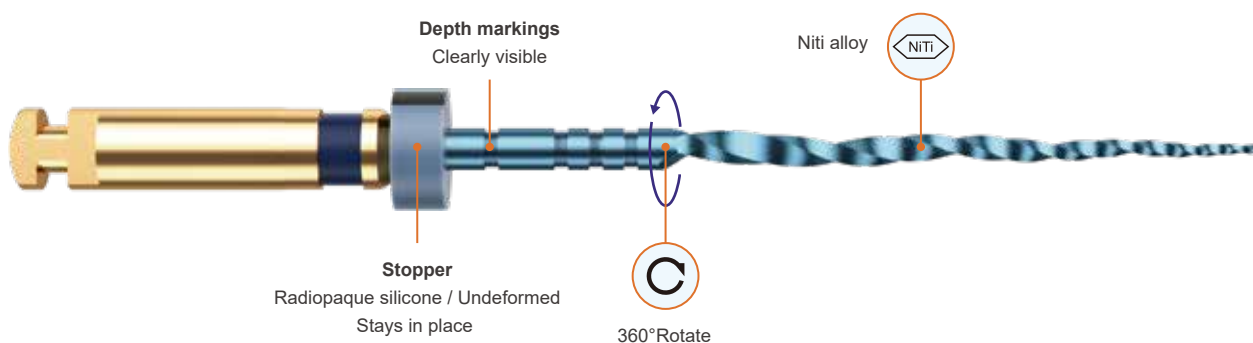
Minimum Invasive system

X-Blue features with special Geometry design creating a swaggering trajectory to enlarge debris removal efficiency. X-Blue performance has been refined by Maxtech heated treatment and becomes more flexible to confront difficult narrow cases.



CHARACTERISTICS

- MaxTech 6.0 NiTi alloy
- Special cross section design
- Archimedean spiral movement to bring debris free
- Variable taper design to have accurate shaping
- More flexibility with strong cutting ability
- Minimum invasive simple sequence



OPERATING STEPS

X-Blue

SSK
10 15

+

SX **T+**
19/.04 17/.02

+

X1 **X2**
17/.04 25/.06

+

X3 **X4** **X5**
30/.07 40/.06 50/.06

OPTIONAL

X-Blue	Size	Speed(RPM)	Torque(N·cm)
SSK	10	300	3.0
SSK	15	300	1.5
SX	19/.04	500	3.0
T+	17/.02	500	3.0
X1	17/.04	500	3.0
X2	25/.06	500	3.0
X3	30/.07	500	3.0
X4	40/.06	500	3.0
X5	50/.06	500	3.0

USAGE STEPS

- Prepare straightline access to canal orifice
- Explore the canal with small size hand files(e.g. SS K-file 10)
- Improve orifice acces with openers(e.g. SX)
- Glide the path with path files(e.g. T+File)
- Shape the canal with X1 file by brushing in 3-4passes until working length is reached
- Continue shaping with X2 until it reaches working length. If necessary,come to X3, X4, X5 for thick canals.

CLINICAL CASES



X+File

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

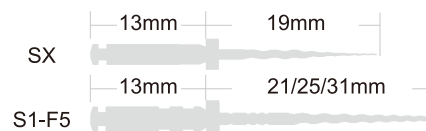
Model	21mm	25mm	31mm
● X1	BFX 021 0X1	BFX 025 0X1	BFX 031 0X1
● X2	BFX 021 0X2	BFX 025 0X2	BFX 031 0X2
● X3	BFX 021 0X3	BFX 025 0X3	BFX 031 0X3
● X4	BFX 021 0X4	BFX 025 0X4	BFX 031 0X4
● X5	BFX 021 0X5	BFX 025 0X5	BFX 031 0X5
X1-X3	BFX 021 A01	BFX 025 A01	BFX 031 A01

X-Grey

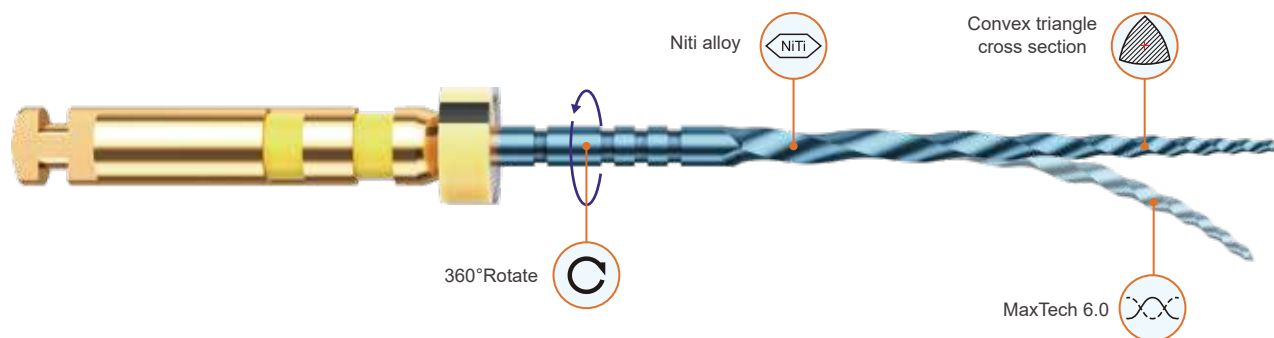
Model	21mm	25mm	31mm
● X1	CFX 021 0X1	CFX 025 0X1	CFX 031 0X1
● X2	CFX 021 0X2	CFX 025 0X2	CFX 031 0X2
● X3	CFX 021 0X3	CFX 025 0X3	CFX 031 0X3
● X4	CFX 021 0X4	CFX 025 0X4	CFX 031 0X4
● X5	CFX 021 0X5	CFX 025 0X5	CFX 031 0X5
X1-X3	CFX 021 A01	CFX 025 A01	CFX 031 A01



Classic Rotation system



- MaxTech 6.0 NiTi alloy
- Ultra-Safe sequence
- Greater flexibility and fracture resistance

[illegible]

USAGE STEPS

- Scout the canal with SS K 10
- Explore the canal with SS K 15
- Use SX to expand the canal orifice
- Scout coronal 2/3 & shaping this part with S1, S2
- Scout apical 1/3 & follow S1, S2 until working length
- Finish the apical 1/3 with F1, F2
- F4, F5 followed when needed

CLINICAL CASES



U+File

	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

	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



KM Series

Classic Rotation system



CHARACTERISTICS

• Easy

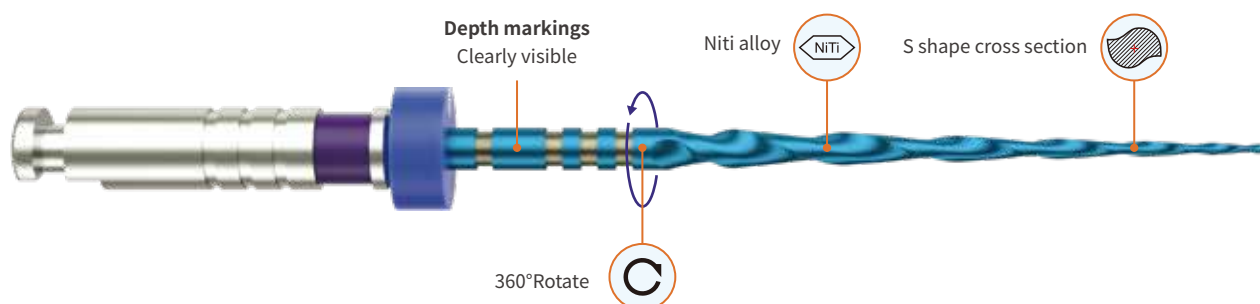
- A. Easy to transfer from manual to rotary file system
- B. One Sequence for all canals
- C. Each files are reaching to working length.

• Safe

- A. 10/.04, 15/.05 worked as glide path, keep safe for following shaping
- B. Small pitch design of small files confirm more cutting edges and increase instruments stability
- C. Large files with progressive pitch design assure no screw-in effect

• Efficient

- A. Special cross section design enable to improve cutting efficiency
- B. Full range of size to cover more morphology



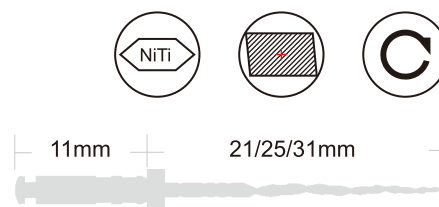
KM Blue

	21mm	25mm	31mm
10/.04	BKM 021 104	BKM 025 104	BKM 031 104
15/.05	BKM 021 155	BKM 025 155	BKM 031 155
20/.06	BKM 021 206	BKM 025 206	BKM 031 206
25/.06	BKM 021 256	BKM 025 256	BKM 031 256
25/.07	BKM 021 257	BKM 025 257	BKM 031 257
30/.05	BKM 021 305	BKM 025 305	BKM 031 305
35/.04	BKM 021 354	BKM 025 354	BKM 031 354
40/.04	BKM 021 404	BKM 025 404	BKM 031 404
10/.04-25/.07	BKM 021 A01	BKM 025 A01	BKM 031 A01

Z-File

Classic Rotation system

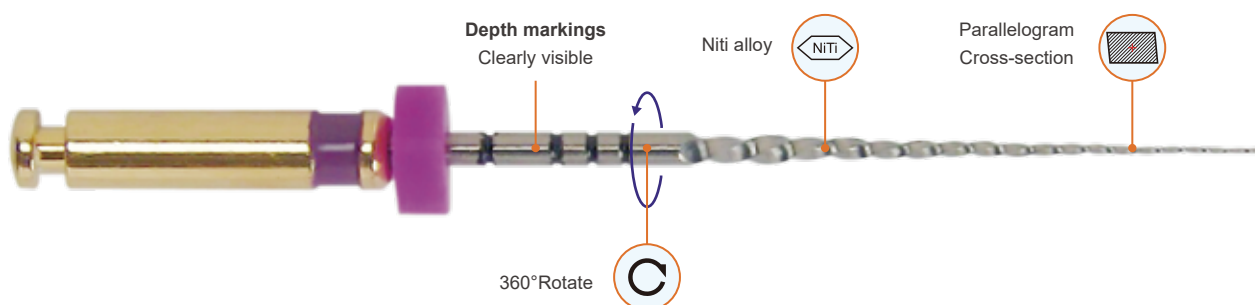
New
Products



Z-File have an evolving cross-section that limits the contact between files and dentin, this secures safety cutting and decreases the screw-in effect, cutting points are changing along the evolving cross-section which spaces out more for debris removal.

CHARACTERISTICS

- Applicable to the full range of canal anatomy
- Less screw-in effect and great cutting effect
- Safer cross-section design



PARAMETERS

Z File (Normal canal)					
Size	16/.02	20/.04	20/.07	25/.08	30/.09
Speed(RPM)	400	400	400	400	400
Torque(N·cm)	4-5.2	4-5.2	4-5.2	4-5.2	4-5.2

Z File (Large canal)			
Size	16/.02	35/.12	50/.10
Speed(RPM)	400	400	400
Torque(N·cm)	4-5.2	4-5.2	4-5.2

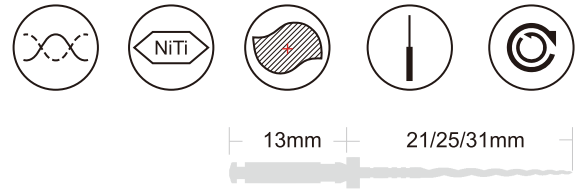
Z File

	21mm	25mm	31mm
16/.02	AFZ 021 1602	AFZ 025 1602	AFZ 031 1602
20/.04	AFZ 021 2004	AFZ 025 2004	AFZ 031 2004
20/.07	AFZ 021 2007	AFZ 025 2007	AFZ 031 2007
25/.08	AFZ 021 2508	AFZ 025 2508	AFZ 031 2508
30/.09	AFZ 021 3009	AFZ 025 3009	AFZ 031 3009
35/.12	AFZ 021 3512	AFZ 025 3512	AFZ 031 3512
50/.10	AFZ 021 5010	AFZ 025 5010	AFZ 031 5010
16/.02-35/.12	AFZ 021 A01	AFZ 025 A01	AFZ 031 A01



V-Series

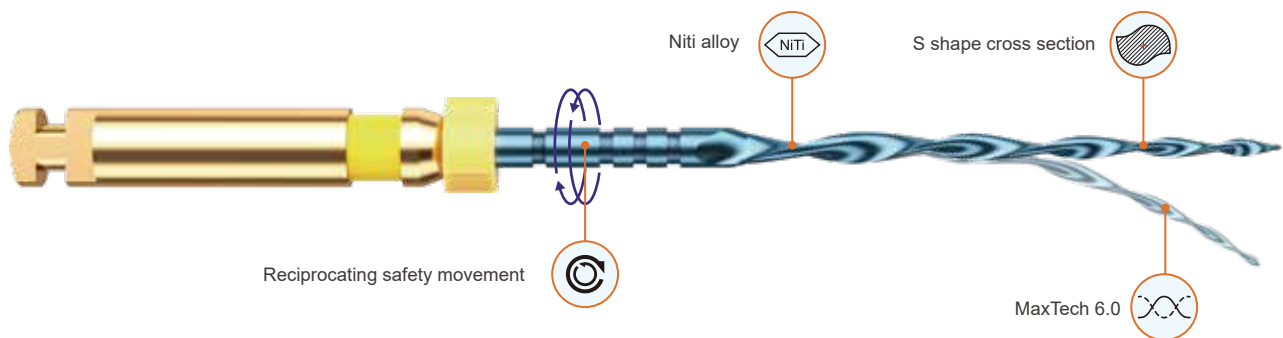
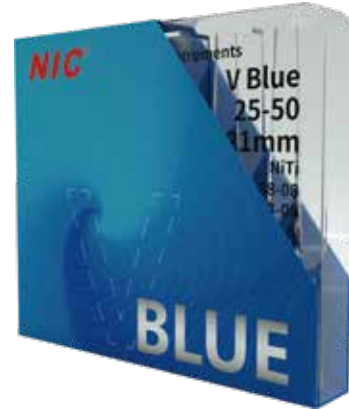
One File System



V Blue® is of classic one-file system with extra flexibility. MaxTech 6.0 NiTi Alloy heat treatment characterized files with blue color indicating its flexible feature to cover most canals morphology.

CHARACTERISTICS

- MaxTech 6.0 NiTi alloy
- S shape cross section with two cutting edges for greater cutting
- Reciprocating safety movement
- One file system



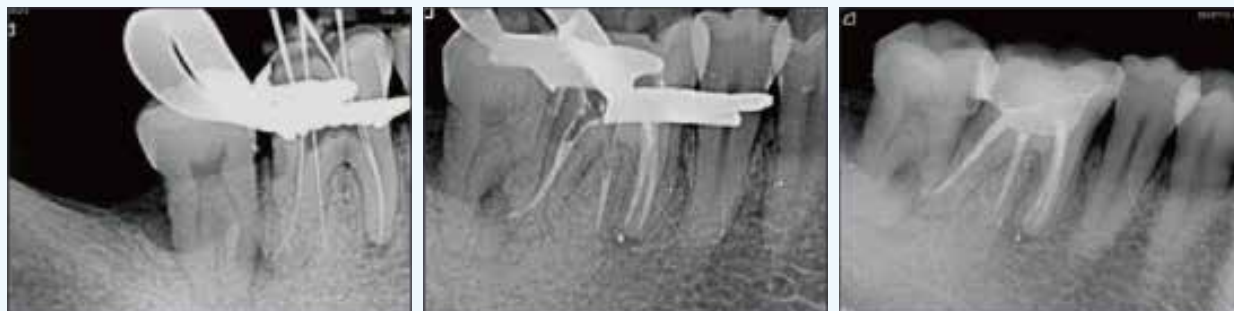
OPERATING STEPS

	+		+		+	
	SSK		SSK		SSK	
	15		20		30	
V Blue	R25		R40		R50	
Size	25/.08		40/.06		50/.05	
Speed(RPM)	Reciprocation		Reciprocation		Reciprocation	
Torque(N·cm)	Reciprocation		Reciprocation		Reciprocation	

USAGE STEPS

- Establish the straightline access to canal orifice
- Choose the proper size V Blue according to X-ray film
- Shaping the canal by reciprocating 2/3. Better irrigate it every 3-4 pecks.
- Repeating shaping until it reaches working length

CLINICAL CASES



V-File

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

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

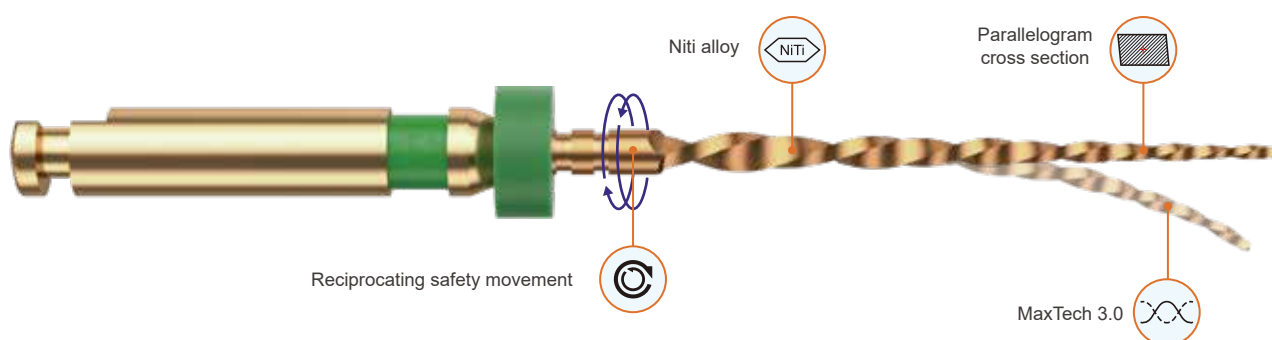
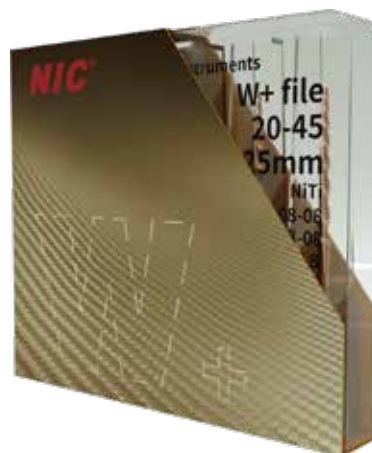
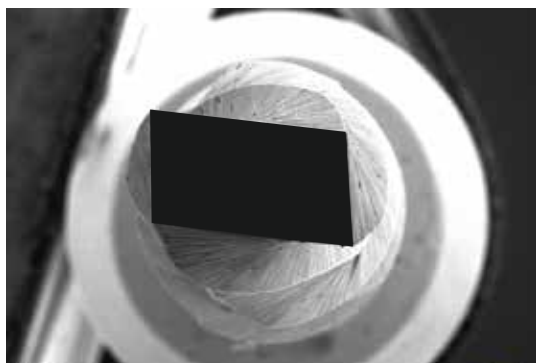
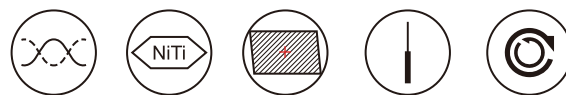
Size	21mm	25mm	31mm
● 25	BFV 021 025	BFV 025 025	BFV 031 025
● 40	BFV 021 040	BFV 025 040	BFV 031 040
● 50	BFV 021 050	BFV 025 050	BFV 031 050
25/40/50	BFV 021 A01	BFV 025 A01	BFV 031 A01



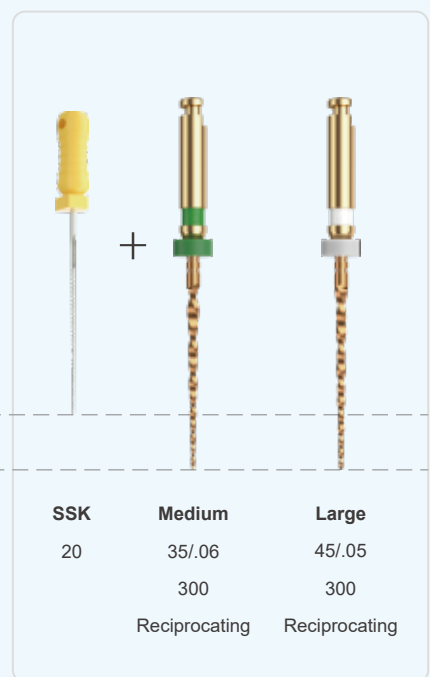
W+File

One File System

W+FILE® single-file system featuring with parallelogram cross section, two cutting points with greater debris efficiency make it as just simple and effective.



OPERATING STEPS



W+ File
Size
Speed(RPM)
Torque(N·cm)

SSK Small
10 20/.07
300
Reciprocating

SSK Primary
10 25/.07
300
Reciprocating

SSK Medium Large
20 35/.06 45/.05
300 300
Reciprocating Reciprocating

- Small 20/.07 for narrow canals
- Primary 25/.07 for most cases
- Medium 35/.06 & Large 45/.05 for wide canal



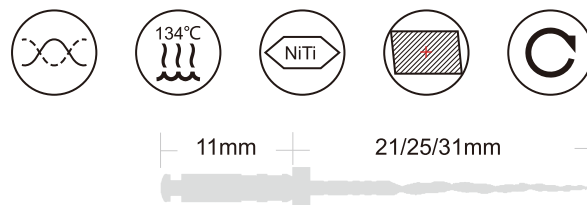
31mm

● 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



EZ-One

One File System



CHARACTERISTICS

- MaxTech 6.0 controlled memory NiTi alloy
- Continuous rotating motion
- Single file system (shaper and finisher)
- Regressive taper
- Progressive screw pitches can hold more debirs and lower screw-in risks



PARAMETERS

				
EZ-ONE	Small	Primary	Medium	Large
Size	20/.07	25/.07	35/.06	45/.05
Speed(RPM)	400	400	400	400
Torque(N·cm)	3.0	3.0	3.0	3.0

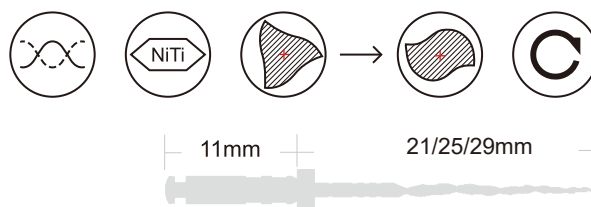
EZ-One

Size	21mm	25mm	31mm
 Small	EZO 021 2007	EZO 025 2007	EZO 031 2007
 Primary	EZO 021 2507	EZO 025 2507	EZO 031 2507
 Medium	EZO 021 3506	EZO 025 3506	EZO 031 3506
 Large	EZO 021 4505	EZO 025 4505	EZO 031 4505



A-Series

One File System



CHARACTERISTICS

- MaxTech NiTi alloy
- Variable cross section, triangular shape at coronal, S shape at apical blade
- One file system with continuous rotation
- Accurate cutting



A File

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



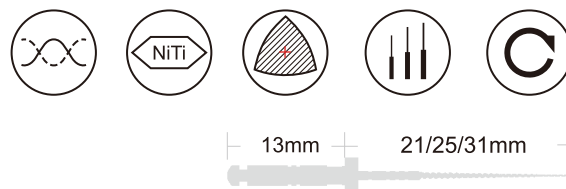
A+File

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



KV Blue

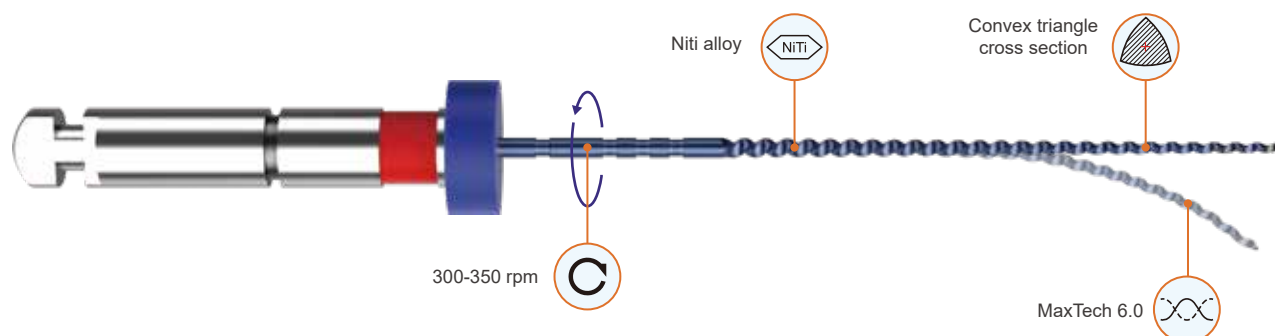
Fixed Taper System



KV Blue is a very safe rotary file, and the fixed taper allows it to prepare effectively with minimal removal of dentin.

CHARACTERISTICS

- MaxTech 6.0 NiTi alloy
- Triangular cross section with fixed taper .02 / .04 / .06
- 300-350 rpm



KV2 File

Size	21mm	25mm	31mm
○ 15	BK2 021 015	BK2 025 015	BK2 031 015
● 20	BK2 021 020	BK2 025 020	BK2 031 020
● 25	BK2 021 025	BK2 025 025	BK2 031 025
● 30	BK2 021 030	BK2 025 030	BK2 031 030
● 35	BK2 021 035	BK2 025 035	BK2 031 035
● 40	BK2 021 040	BK2 025 040	BK2 031 040
15-40	BK2 021 A01	BK2 025 A01	BK2 031 A01



KV4 File

Size	21mm	25mm	31mm
○ 15	BK4 021 015	BK4 025 015	BK4 031 015
● 20	BK4 021 020	BK4 025 020	BK4 031 020
● 25	BK4 021 025	BK4 025 025	BK4 031 025
● 30	BK4 021 030	BK4 025 030	BK4 031 030
● 35	BK4 021 035	BK4 025 035	BK4 031 035
● 40	BK4 021 040	BK4 025 040	BK4 031 040
15-40	BK4 021 A01	BK4 025 A01	BK4 031 A01

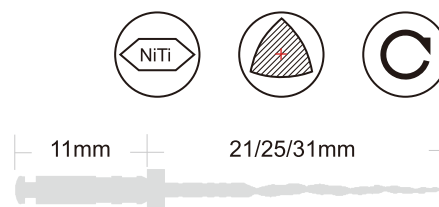
KV6 File

Size	21mm	25mm	31mm
○ 15	BK6 021 015	BK6 025 015	BK6 031 015
● 20	BK6 021 020	BK6 025 020	BK6 031 020
● 25	BK6 021 025	BK6 025 025	BK6 031 025
● 30	BK6 021 030	BK6 025 030	BK6 031 030
● 35	BK6 021 035	BK6 025 035	BK6 031 035
● 40	BK6 021 040	BK6 025 040	BK6 031 040
15-40	BK6 021 A01	BK6 025 A01	BK6 031 A01

KD File

Fixed Taper System

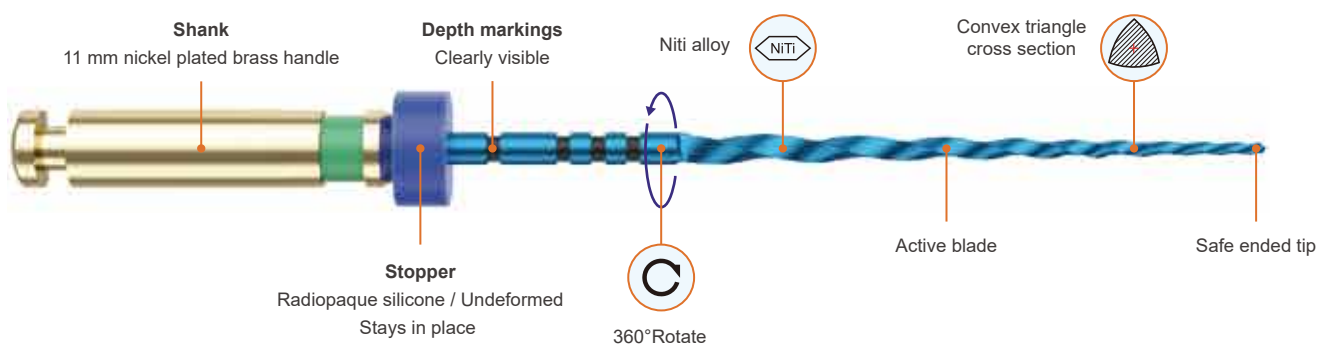
New
Products



KD file naturally exhibits a 'Pre-curved' status due to its unique wire processing, this reduced shape memory feature makes KD files greater in respecting to the natural canal anatomy. on top of that, unique wire processing boots files' resistance to cyclic fatigue and greater flexibility enabling a smoother and safer canal preparation.

CHARACTERISTICS

- Convex Triangular cross section exhibits excellent centricity
- Extremely flexible for following canal anatomy
- Great resistance to cyclic fatigue



PARAMETERS

KD4 File

Size	15/.04	20/.04	25/.04	30/.04	35/.04	40/.04
Speed(RPM)	500	500	500	500	500	500
Torque(N·cm)	2-5	2-5	2-5	2-5	2-5	2-5

KD6 File

Size	15/.06	20/.06	25/.06	30/.06	35/.06	40/.06
Speed(RPM)	500	500	500	500	500	500
Torque(N·cm)	2-5	2-5	2-5	2-5	2-5	2-5



KD4 File

Size	21mm	25mm	31mm
○ 15	BKD4 021 015	BKD4 025 015	BKD4 031 015
● 20	BKD4 021 020	BKD4 025 020	BKD4 031 020
● 25	BKD4 021 025	BKD4 025 025	BKD4 031 025
● 30	BKD4 021 030	BKD4 025 030	BKD4 031 030
● 35	BKD4 021 035	BKD4 025 035	BKD4 031 035
● 40	BKD4 021 040	BKD4 025 040	BKD4 031 040
15-40	BKD4 021 A01	BKD4 025 A01	BKD4 031 A01

KD6 File

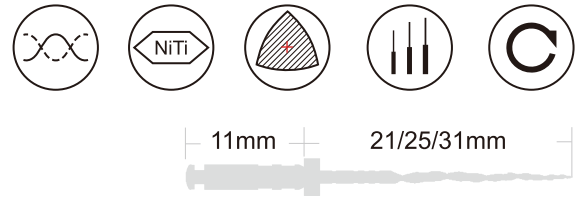
Size	21mm	25mm	31mm
○ 15	BKD6 021 015	BKD6 025 015	BKD6 031 015
● 20	BKD6 021 020	BKD6 025 020	BKD6 031 020
● 25	BKD6 021 025	BKD6 025 025	BKD6 031 025
● 30	BKD6 021 030	BKD6 025 030	BKD6 031 030
● 35	BKD6 021 035	BKD6 025 035	BKD6 031 035
● 40	BKD6 021 040	BKD6 025 040	BKD6 031 040
15-40	BKD6 021 A01	BKD6 025 A01	BKD6 031 A01



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EZ-Pass

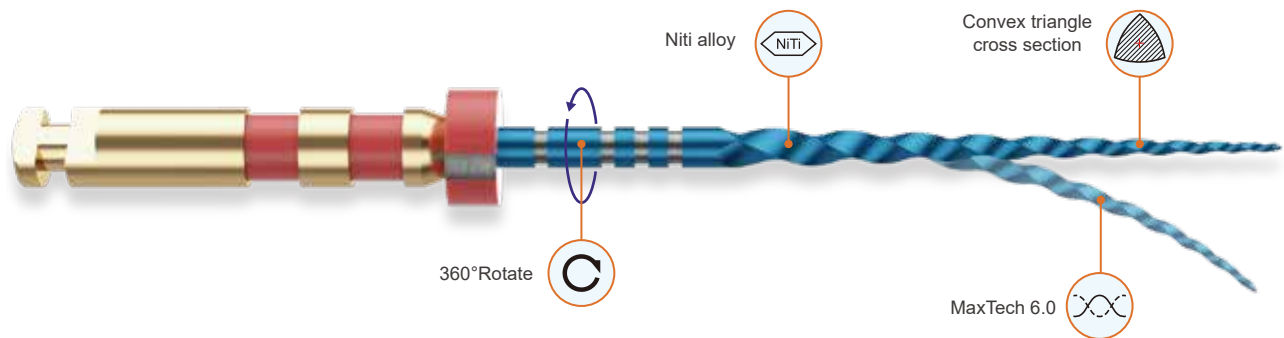
New Learner System



Launch of NIC EZ-PASS®, the established crown-down NiTi system. EZ-PASS® is applicable to 80% regular cases.

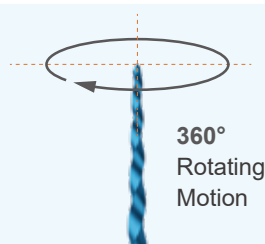
CHARACTERISTICS

- MaxTech 6.0 NiTi alloy
- Fixed tapered for easy obturation
- Convex triangle cross-section exhibits excellent centricity
- Progressive screw pitches increase debris removal and less screw-in effect



OPERATING STEPS

EZ-PASS							
	SSK 10	20/.07	15/.04	20/.04	20/.06	25/.04	25/.06
	Size	20/.07	15/.04	20/.04	20/.06	25/.04	25/.06
	Speed(RPM)	350	350	350	350	350	350
	Torque(N·cm)	3.0	1.5	3.0	3.0	3.0	3.0



360°
Rotating
Motion

Continuous rotating motion
easy shaping sequence

USAGE STEPS

- Prepare straightline access to canal orifice
- Explore the canal with small size hand files(e.g. SS K-file 10)
- Open 2/3 upper coronal part with opener P1 20/.07
- Shape and finish the canal with P2 15/.04, P3 20/.04, P4 20/.06,P5 25/.06 respectively to reach W/L passively by brushing
- EDTA, irrigation is recommended to be used for better result

EZ-Pass

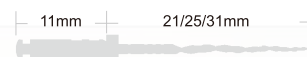
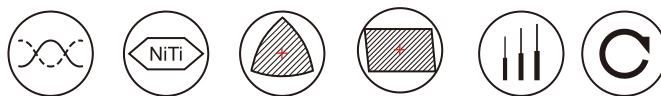
	19mm	21mm	25mm	31mm
● 20/.07	EZP 019 2007	-	-	-
○ 15/.04	-	EZP 021 1504	EZP 025 1504	EZP 031 1504
● 20/.04	-	EZP 021 2004	EZP 025 2004	EZP 031 2004
● 20/.06	-	EZP 021 2006	EZP 025 2006	EZP 031 2006
● 25/.04	-	EZP 021 2504	EZP 025 2504	EZP 031 2504
● 25/.06	-	EZP 021 2506	EZP 025 2506	EZP 031 2506
Sorted	-	EZP 021 A001	EZP 025 A001	EZP 031 A001



EZ-Large

New Learner System

EZ-LARGE is designed for large root canal preparation. Doctors can choose the appropriate based on the clinical root canal cases.



EZ-Large

	21mm	25mm	31mm
L1	EZL 021 3004	EZL 025 3004	EZL 031 3004
L2	EZL 021 3006	EZL 025 3006	EZL 031 3006
L3	EZL 021 3504	EZL 025 3504	EZL 031 3504
L4	EZL 021 3506	EZL 025 3506	EZL 031 3506
L5	EZL 021 4004	EZL 025 4004	EZL 031 4004
L6	EZL 021 5004	EZL 025 5004	EZL 031 5004



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EZ-Can

Glide Path system



CHARACTERISTICS

- Made with MaxTech 6.0 NiTi alloy
- Glide path management technology, can swiftly create a smooth root canal path
- Handle laser Mark indicates specifications and sizes
- Opener (20/.07) Speed: 350rpm Torque 3.0 N·cm
Glide Path I (10/.04) Speed: 350rpm Torque 1.5 N·cm
Glide Path II (10/.04) Speed: 350rpm Torque 1.5 N·cm

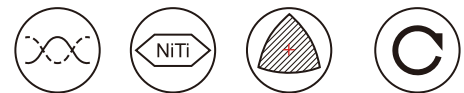


EZ-Can

	17mm	21mm	25mm	31mm
● Opener	EZC 017 2007	-	-	-
● Glide Path I	-	EZC 021 1004	EZC 025 1004	EZC 031 1004
○ Glide Path II	-	EZC 021 1502	EZC 025 1502	EZC 031 1502

T-Series

Glide Path system



- 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 2.0 N·cm



T File

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

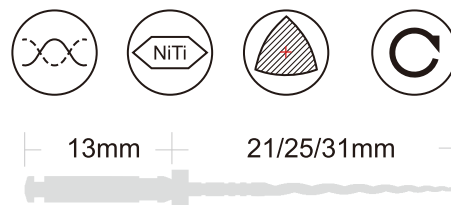
T+File

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

PRG

Glide Path system

- 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 3.0 N·cm



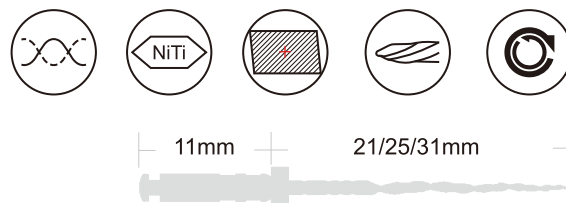
PRG

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

W+ Tunnel

Glide Path system

- MaxTech 3.0 Niti alloy
- Largely enhanced cyclic fatigue life
- Build a smooth path for shaping file
- Work with W+file with reciprocating motion



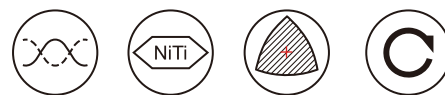
W+ Tunnel

Size	21mm	25mm	31mm
15	AFW 021 015	AFW 025 015	AFW 031 015



DT Gold

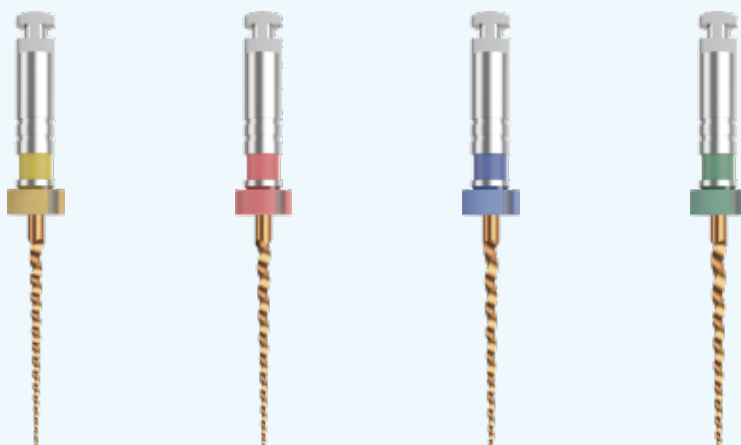
Pedo System



Design for root canal of deciduous teeth.

CHARACTERISTICS

- Extremely soft to achieve a perfect preparation
- Match the root canals original morphology
- Fixed taper .04/.06, brings accurate cutting and easier obturation



DT4 Gold

Size	20/.04	25/.04	30/.04	35/.04
Speed(RPM)	300	300	300	300
Torque(N · cm)	2.0	2.0	2.0	2.0

DT6 Gold

Size	20/.06	25/.06	30/.06	35/.06
Speed(RPM)	300	300	300	300
Torque(N · cm)	2.0	2.0	2.0	2.0

DT4 Gold (16mm)

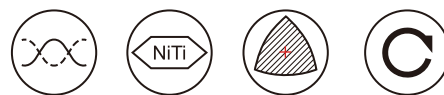
20	ADT 004 020
25	ADT 004 025
30	ADT 004 030
35	ADT 004 035
20-35	ADT 004 A01

DT6 Gold (16mm)

20	ADT 006 020
25	ADT 006 025
30	ADT 006 030
35	ADT 006 035
20-35	ADT 006 A01

DT Blue

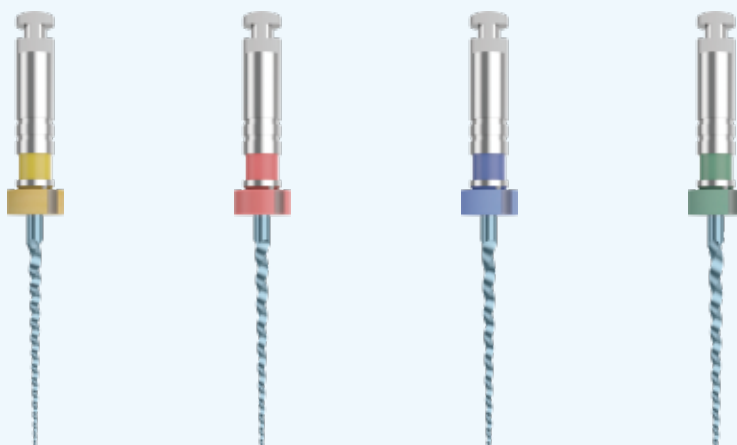
Pedo System



Design for root canal of deciduous teeth.

CHARACTERISTICS

- Extremely soft to achieve a perfect preparation
- Match the root canals original morphology
- Fixed taper .04/.06, brings accurate cutting and easier obturation



DT4 Blue

Size	20/.04	25/.04	30/.04	35/.04
Speed(RPM)	300	300	300	300
Torque(N · cm)	2.0	2.0	2.0	2.0

DT6 Blue

Size	20/.06	25/.06	30/.06	35/.06
Speed(RPM)	300	300	300	300
Torque(N · cm)	2.0	2.0	2.0	2.0

DT4 Blue (16mm)

20	BDT 004 020
25	BDT 004 025
30	BDT 004 030
35	BDT 004 035
20-35	BDT 004 A01

DT6 Blue (16mm)

20	BDT 006 020
25	BDT 006 025
30	BDT 006 030
35	BDT 006 035
20-35	BDT 006 A01



ACCESS

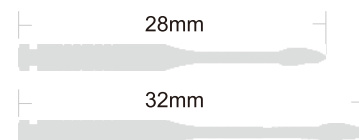


Gates Drill

Gates drill used for expanding the canal entrance or preparation for middle-upper part of the canals

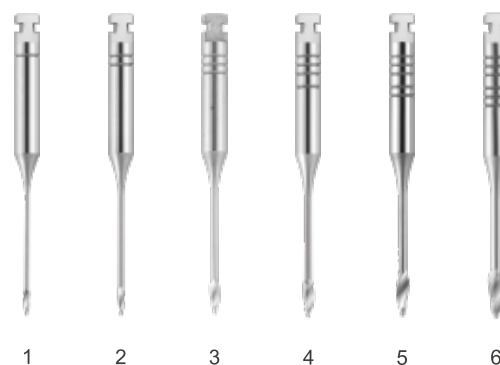
CHARACTERISTICS

- Medical Stainless Steel
- Sizes: 50 70 90 110 130 150
- Length: 28mm - 32mm
- Recommended speed: 800-1200rpm
- Corresponding sizing rings



Gates Drill

Size	Rings	28mm	32mm
50	1	ESG 028 001	ESG 032 001
70	2	ESG 028 002	ESG 032 002
90	3	ESG 028 003	ESG 032 003
110	4	ESG 028 004	ESG 032 004
130	5	ESG 028 005	ESG 032 005
150	6	ESG 028 006	ESG 032 006
50-150	1-6	ESG 028 A01	ESG 032 A01

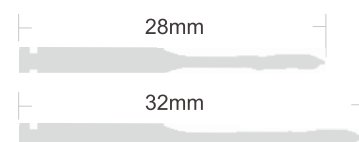


Peeso Reamer

NIC Peeso Reamer used for preparing the 1/3 coronal part of canals, obturation removal and post preparation.

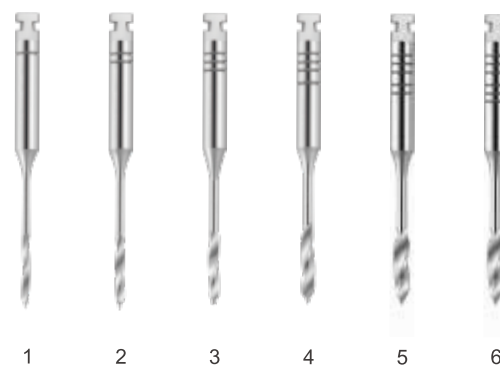
CHARACTERISTICS

- Medical Stainless Steel
- Corresponding sizing rings
- Working length of blades: 0.70mm - 1.70mm
- Sizes: 70 90 110 130 150 170

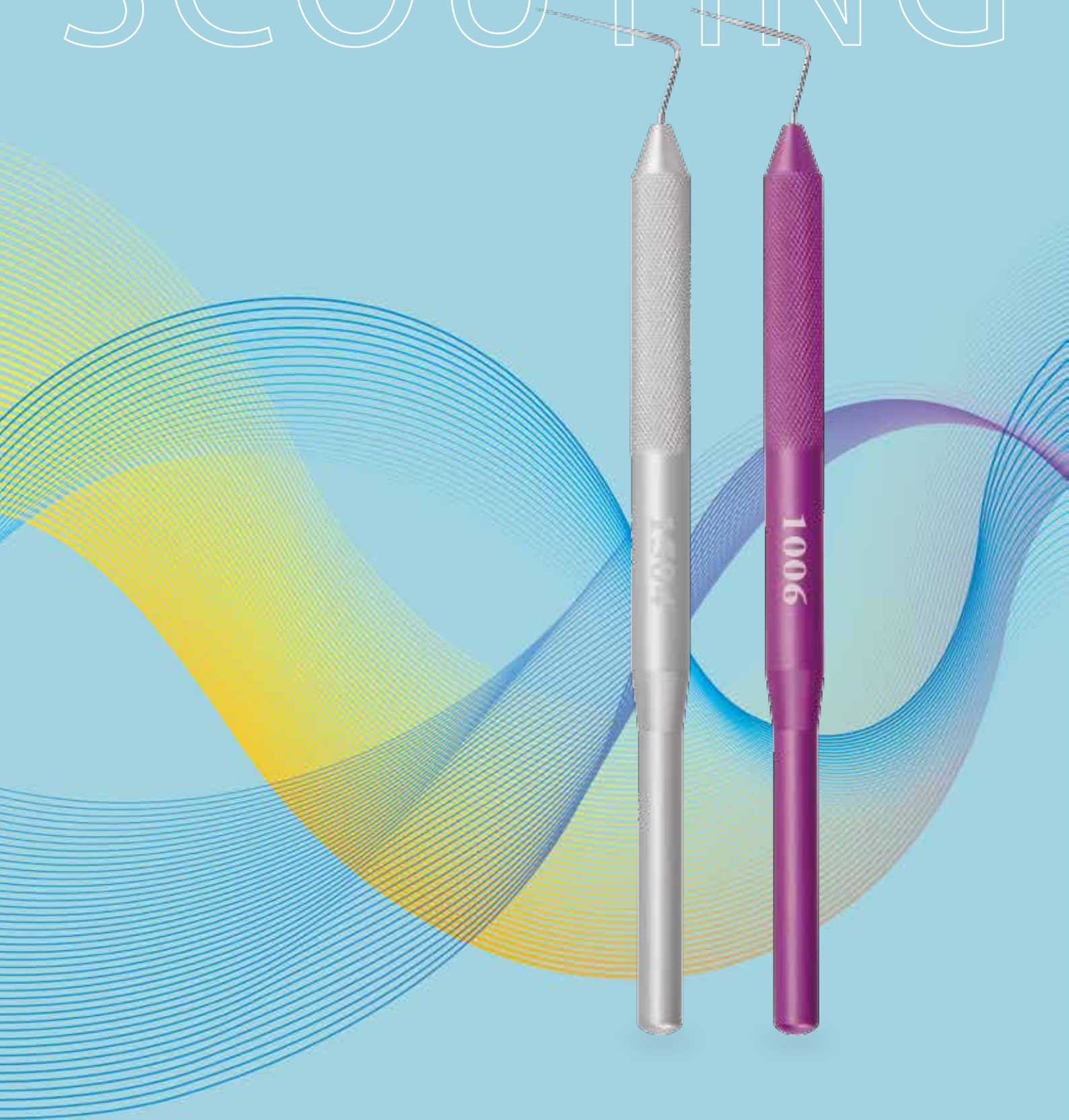


Peeso Reamer

Size	Rings	28mm	32mm
70	1	ESP 028 001	ESP 032 001
90	2	ESP 028 002	ESP 032 002
110	3	ESP 028 003	ESP 032 003
130	4	ESP 028 004	ESP 032 004
150	5	ESP 028 005	ESP 032 005
170	6	ESP 028 006	ESP 032 006
70-170	1-6	ESP 028 A01	ESP 032 A01



SCOUTING



S.S. C-File



NIC stainless steel C-File is used for penetration of calcified canals

S.S. C-File

	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
6-10	HSC 021 A02	HSC 025 A02	HSC 028 A02



K-Flex



#15



#20-40

15

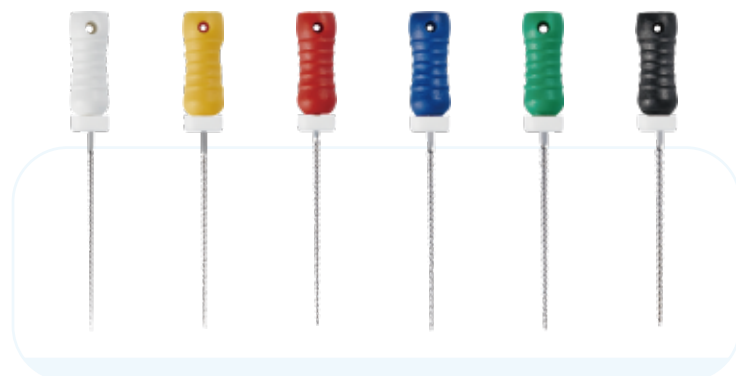
20

25

30

35

40



21/25/28/31mm



K-Flex

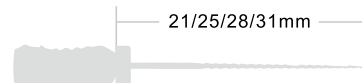
	21mm	25mm	28mm	31mm
15	TFK 021 015	TFK 025 015	TFK 028 015	TFK 031 015
20	TFK 021 020	TFK 025 020	TFK 028 020	TFK 031 020
25	TFK 021 025	TFK 025 025	TFK 028 025	TFK 031 025
30	TFK 021 030	TFK 025 030	TFK 028 030	TFK 031 030
35	TFK 021 035	TFK 025 035	TFK 028 035	TFK 031 035
40	TFK 021 040	TFK 025 040	TFK 028 040	TFK 031 040
15-40	TFK 021 A01	TFK 025 A01	TFK 028 A01	TFK 031 0A01


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K-File



NIC K- File are particularly well adapted for probing and permeabilization during canal preparation.



Characteristics

- Available in Niti Alloy and Stainless Steel material
- Square cross section
- Autoclave



S.S. Hand Use K-File

21mm 25mm 28mm 31mm

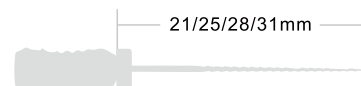
NiTi Hand Use K-File

21mm 25mm 28mm 31mm

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

H-File

NIC H-Files are used for probing, permeabilization or extraction of debris. Their use is essentially for widening after passage of the K-file of the same number.



Characteristics

- Available in Niti Alloy and Stainless Steel material
- Round cross section
- Autoclave



S.S. Hand Use H-File

21mm 25mm 28mm 31mm

NiTi Hand Use H-File

21mm 25mm 28mm 31mm

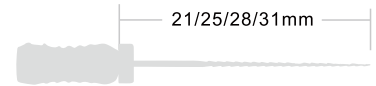
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8	HSN 021 008	HSN 025 008	HSN 028 008	HSN 031 008	HNH 021 008	HNH 025 008	HNH 028 008	HNH 031 008
10	HSN 021 010	HSN 025 010	HSN 028 010	HSN 031 010	HNH 021 010	HNH 025 010	HNH 028 010	HNH 031 010
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20	HSN 021 020	HSN 025 020	HSN 028 020	HSN 031 020	HNH 021 020	HNH 025 020	HNH 028 020	HNH 031 020
25	HSN 021 025	HSN 025 025	HSN 028 025	HSN 031 025	HNH 021 025	HNH 025 025	HNH 028 025	HNH 031 025
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35	HSN 021 035	HSN 025 035	HSN 028 035	HSN 031 035	HNH 021 035	HNH 025 035	HNH 028 035	HNH 031 035
40	HSN 021 040	HSN 025 040	HSN 028 040	HSN 031 040	HNH 021 040	HNH 025 040	HNH 028 040	HNH 031 040
45	HSN 021 045	HSN 025 045	HSN 028 045	HSN 031 045	HNH 021 045	HNH 025 045	HNH 028 045	HNH 031 045
50	HSN 021 050	HSN 025 050	HSN 028 050	HSN 031 050	HNH 021 050	HNH 025 050	HNH 028 050	HNH 031 050
55	HSN 021 055	HSN 025 055	HSN 028 055	HSN 031 055	HNH 021 055	HNH 025 055	HNH 028 055	HNH 031 055
60	HSN 021 060	HSN 025 060	HSN 028 060	HSN 031 060	HNH 021 060	HNH 025 060	HNH 028 060	HNH 031 060
70	HSN 021 070	HSN 025 070	HSN 028 070	HSN 031 070	HNH 021 070	HNH 025 070	HNH 028 070	HNH 031 070
80	HSN 021 080	HSN 025 080	HSN 028 080	HSN 031 080	HNH 021 080	HNH 025 080	HNH 028 080	HNH 031 080
15~40	HSN 021 A01	HSN 025 A01	HSN 028 A01	HSN 031 A01	HNH 021 A01	HNH 025 A01	HNH 028 A01	HNH 031 A01
45~80	HSN 021 A02	HSN 025 A02	HSN 028 A02	HSN 031 A02	HNH 021 A02	HNH 025 A02	HNH 028 A02	HNH 031 A02



Reamer



NIC Reamer used for initial debridement of root canal



Characteristics

- Available in Niti Alloy and Stainless Steel material
- Triangle cross-section
- Autoclave



S.S. Hand Use Reamer

NiTi Hand Use Reamer

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

Smooth Broach

NIC Smooth Broach used for absorbing moisture in the root canal and for carrying disfectant. Easy to wind a wad of absorbent cotton

Smooth Broach

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



52mm



Square Broach

NIC Barbed Broach is a hand use instruments to remove the pulp tissue during root canal treatments

Square Broach

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



52mm



Barbed Broach

NIC Barbed Broach is a hand use instruments to remove the pulp tissue during root canal treatments

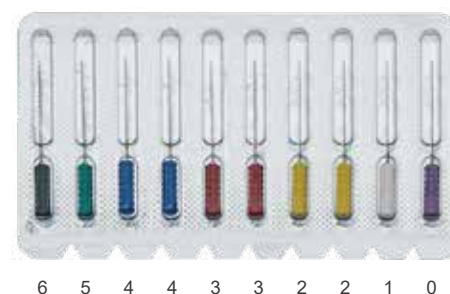
- Instruments with barbs for removing soft tissue from root canals
- Taking out dental pulp by turning 180 degree after entering root canals

Barbed Broach

Number	21mm	25mm
0	HSB 021 020	HSB 025 020
1	HSB 021 025	HSB 025 025
2	HSB 021 030	HSB 025 030
3	HSB 021 035	HSB 025 035
4	HSB 021 040	HSB 025 040
5	HSB 021 050	HSB 025 050
6	HSB 021 060	HSB 025 060
2-4	HSB 021 A01	HSB 025 A01
0-6	HSB 021 A02	HSB 025 A02



21/25mm

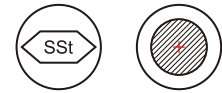


6 5 4 4 3 3 2 2 1 0



nicdental.com

Endo Debrider



- H-Files type instruments are used for debriding canals under microscope



Endo Debrider

Size

-

20/02

HED T02 020

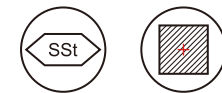
30/02

HED T02 030

SET(2pcs)

HED 000 A01

Endo Opener



- K-Files type instruments are used for opening canals under microscope



Endo Opener

Size

-

10/04

HED T04 010

15/04

HED T04 015

10/06

HED T06 010

SET(3pcs)

HED 000 B01

OBTURATION



nicdental.com

Gutta Percha Points

Perfect Consistency



ADVANTAGES

• Machined-made

Compared to traditionally handmade gutta-percha points, machine-made offers superior root apex filling capacity, and ensures an identical shape and size to the corresponding reamer and/or file.

• Precise

Strict standard for top quality.

• Consistent Quality

- Non-latex safety material
- Vivid length mark : Calibrated at 22, 20, 19, 18mm



Calibrated depth markings at 22, 20, 19, 18 mm

Non-latex safety material



System-matched GP

System-matched GP are not fully listed in this Catalog, please contact us for more information



U-series Gutta-percha

U-series Gutta-percha points are systemically matched to canals shapes prepared with U-series files

VTF F1	VTF F2	VTF F3	VTF F4	VTF F5
VTF F1-F3				



V-series Gutta-percha

V-series Gutta-percha points match regressive taper feature of V-series files

VTV 25	VTV 40	VTV 50	VTV 25-50
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X-series Gutta-percha

X-series Gutta-percha points match various taper feature of X-series files

VTX X1	VTX X2	VTX X3	VTX X4	VTX X5
VTX X1-X3				



W+ series Gutta-percha

W+ series Gutta-percha points provide 4 sizes from small to large to have a right fit with canals prepared by W+ series

VTW+ 20	VTW+ 25	VTW+ 35	VTW+ 45	VTW+ 20-45
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Gutta Percha Points

ISO	15	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	15-40	40-80	90-140
GT4	15	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	15-40	40-80	90-140
GT6	15	20	25	30	35	40	45	50	55	60	70	80	-	-	-	-	-	-	15-40	40-80	-
GTX	XF	FF	MF	F	FM	M	ML	L	XL	-	-	-	-	-	-	-	-	-	XF-M	-	-



Absorbent Paper Points

Dry Canal Fast



ADVANTAGES

• High Solidity And Absorbency

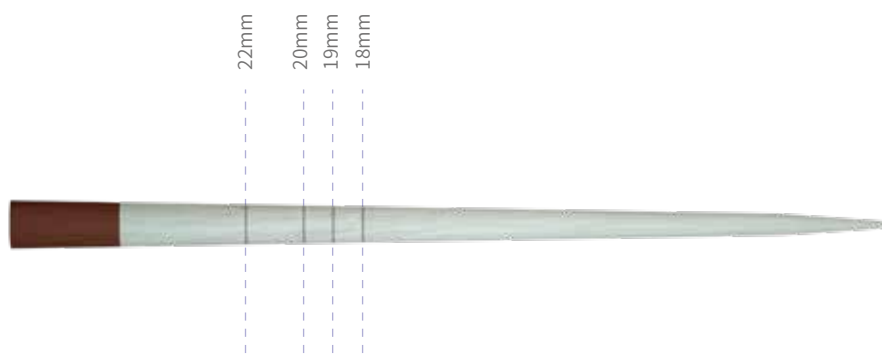
Designed to streamline procedures, provide operators with reliable performance and ease of use.

• Accurate

• Color-coded For Easy Recognition

• Consistent Quality

- Lintless clean surface
- Sterilized by gamma rays to support infection control
- Packaged in a convenient one-hand sliding-open package



System-matched PP

System-matched PP are not fully listed in this Catalog, please contact us for more information



U-series Absorbent-paper

U-series PP are Part of a system based solution for U-series files

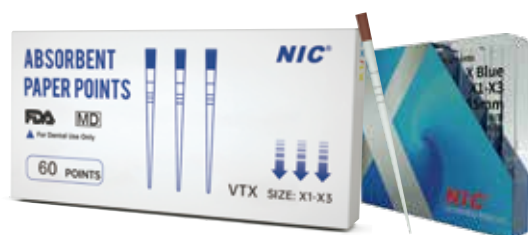
VTF F1	VTF F2	VTF F3	VTF F4	VTF F5
VTF F1-F3				



V-series Absorbent-paper

V-series PP are Color-Coded to V-series files for easy recognition

VTV 25	VTV 40	VTV 50	VTV 25-50
--------	--------	--------	-----------



X-series Absorbent-paper

X-series PP match various taper feature of X-series files

VTX X1	VTX X2	VTX X3	VTX X4	VTX X5
VTX X1-X3				



W+ series Absorbent-paper

W+ series PP are systemically matched to canals shapes prepared with W+ series files

VTW+ 20	VTW+ 25	VTW+ 35	VTW+ 45	VTW+ 20-45
---------	---------	---------	---------	------------

Absorbent Paper Points

ISO	15	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	15-40	40-80	90-140
GT4	15	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	15-40	40-80	90-140
GT6	15	20	25	30	35	40	45	50	55	60	70	80	-	-	-	-	-	-	15-40	40-80	-
GTX	XF	FF	MF	F	FM	M	ML	L	XL	-	-	-	-	-	-	-	-	-	XF-M	-	-



Niti Engine Condenser

.02 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

.04 Niti Engine Condenser

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



13mm 21/25mm



S.S. Rotary Paste Carrier



13mm 21/25/29mm

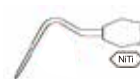
NIC Paster Carrier used to fill root canals, either with paste, cement or seals

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



GP Plugger



NIC GP Plugger is used for warm and cold condensation

CHARACTERISTICS

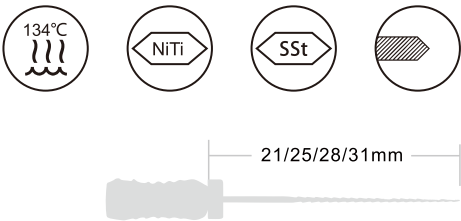
- Available in Niti and stainless steel
- Color-coded handle
- Light weight

GP Plugger

Size	-
● 35-70	GPP 035 070
● 40-80	GPP 040 080
● 50-100	GPP 050 100
● 60-120	GPP 060 120
set 1 (3pcs)	GPP 000 A02
set 2 (4pcs)	GPP 000 A01

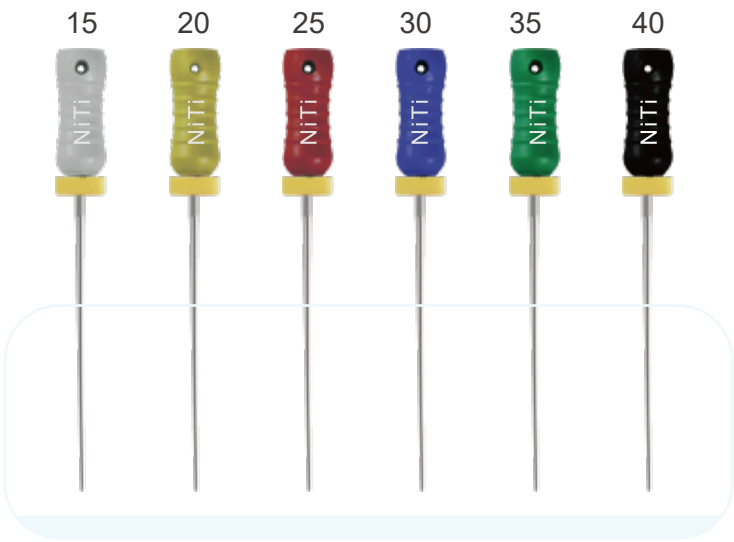


Spreader



CHARACTERISTICS

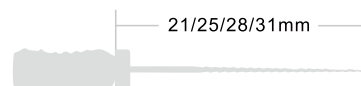
- Used for filling gutta percha points in medium or thin curve canals laterally
- With stopper to mark the working length
- Autoclavable



Spreader

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

Plugger



CHARACTERISTICS

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



Plugger

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



RETRIEATMENT



O-Series

NIC O-Series used for remover of gutta percha and other obturation material



CHARACTERISTICS

- Machine use file
- Max Tech Niti alloy
- Progressive taper
- Corresponding sizing rings

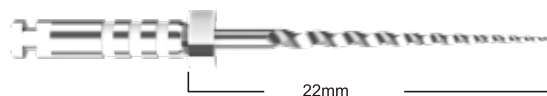
O File



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

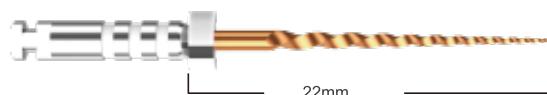
O+ File



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

O FILE

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

O+ FILE

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



OTHERS



Hand Use K-file(Vet.)



60mm length, 30mm blades, with metal handle

120mm length is available



Hand Use H-File (Vet.)



60mm length, 30mm blades, with metal handle

120mm length is available



47mm Broaches (Vet.)



Special design for veterinary use



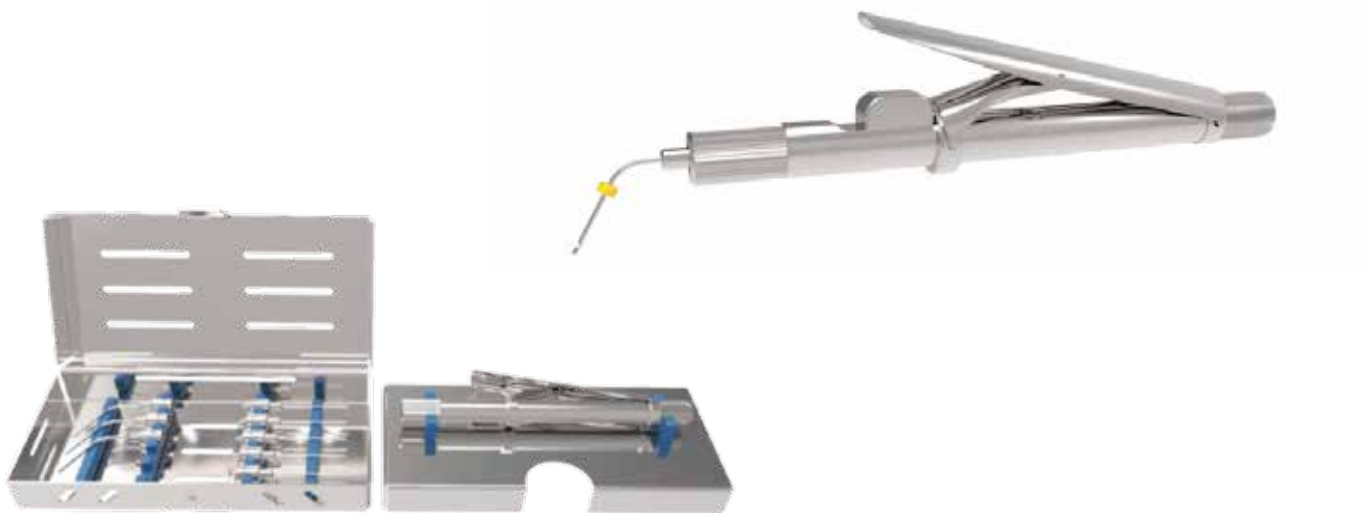
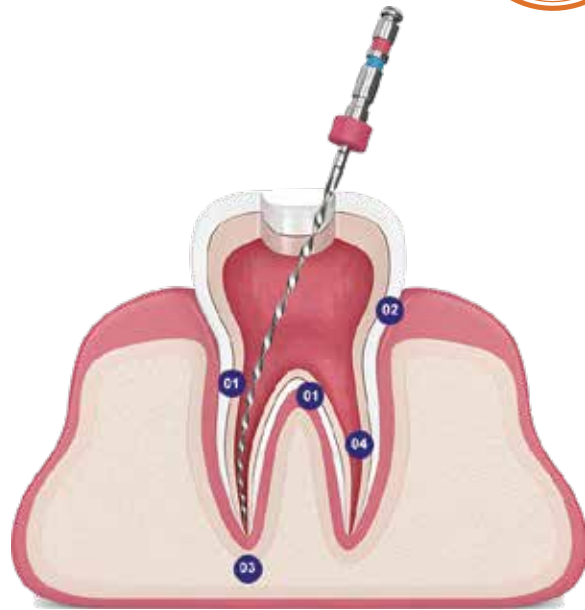
MR&R Detail



MR&R INTRODUCTION

MR&R System is based on the design, research, and development of two national patents, it can be used to remove root canal broken instruments, deliver MTA or other biomaterials.

- 01 Repairing the perforation
- 02 Preparation of apical barrier
- 03 Pulp capping
- 04 Retrieve the broken instrument



PRODUCT SPECIFICATION

	MR&R N3
PATENT NO.	ZL 2015 1 0537471.0
MATERIAL	MEDICAL STAINLESS STEEL
FUNCTION	ROOT CANAL BROKEN INSTRUMENT REMOVAL , MTA & OTHER BIO MATERIALS DELIVERY
ACCESSORIES	MICRO-TREPAN, BENDING INSTRUMENTS ETC.

01 NITI PATH DRILLS

High-quality NiTi material with excellent fatigue resistance and moderate pre-bending. Establish a good pathway. According to the calculated diameter size of the separation instrument section. Select the appropriate sizes, generally use at least size 80# and above.



02 NITI STAGE PATH BUR

High-quality NiTi material with a smooth interface and two cutting edges at the end; The shape of the root canal at the end of the section of the separated instrument is trimmed to prepare for the next step of circumcision. Corresponding to NiTi Path Drills #80, #90, #110



03 MICRO-TREPAN

Trepan No. 1 0.8mm/0.5mm

Trepan No. 2 0.9mm/0.6mm

Trepan No. 3 1.1mm/0.8mm Made of high-quality stainless steel, featuring a smooth interface, the end of the trephine drill is 5mm tubular, with two cutting edges



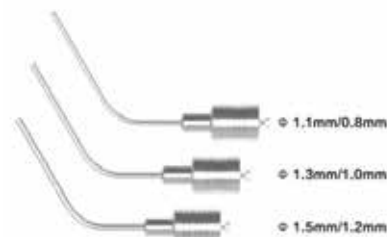
04 MICRO-REPAIR NEEDLE CANNULA

Cannula No. 1 0.8mm/0.5mm

Cannula No. 2 0.9mm/0.6mm

Cannula No. 3 1.1mm/0.8mm

Outer casing in high-quality stainless steel, inner core in nickel-titanium; pre-bendable. There are windows on the side of the end of the cannula No.



05 MICRO-RETRIEVE NEEDLE CANNULA

Cannula No. 1 0.8mm/0.5mm

Cannula No. 2 0.9mm/0.6mm

Cannula No. 3 1.1mm/0.8mm

Outer casing in high-quality stainless steel, inner core in nickel-titanium; pre-bendable. There are windows on the side of the end of the cannula No.



06 MICRO-RETRIEVE NEEDLE CANNULA

Cannula No. 1 1.1mm/0.8mm

Cannula No. 2 1.3mm/1.0mm

Cannula No. 3 1.5mm/1.2mm

The outer casing is made of high-quality stainless steel. and the inner core is made of nickel-titanium. There is no side window on the end of the



US-File

NIC US- File used for Ultrasonic cleaning



CHARACTERISTICS

- Available in Medical Stainless Steel or MaxTech Niti alloy
- Length: 27mm or 33mm
- Sizes: #15-#40
- Taper: 0.02



SU-FILE NTU

21mm

28mm

○ NT-U 15	NTU 021 015	NTU 028 015
● NT-U 20	NTU 021 020	NTU 028 020
● NT-U 25	NTU 021 025	NTU 025 025
● NT-U 30	NTU 021 030	NTU 025 030
● NT-U 35	NTU 021 035	NTU 025 035
● NT-U 40	NTU 021 040	NTU 025 040
NT-U 15~40	NTU 021 A01	NTU 025 A01

SU-FILE SSU

21mm

28mm

○ SS-U 15	SSU 021 015	SSU 028 015
● SS-U 20	SSU 021 020	SSU 028 020
● SS-U 25	SSU 021 025	SSU 025 025
● SS-U 30	SSU 021 030	SSU 025 030
● SS-U 35	SSU 021 035	SSU 025 035
● SS-U 40	SSU 021 040	SSU 025 040
SS-U 15~40	SSU 021 A01	SSU 025 A01

Dental Tweezers

Easy changing between rotary and handuse files

CHARACTERISTICS

- Perfect solution to confirm the last 1mm area of apical preparation
- Built-in buckle, rotate to tight after loading the rotary file
- To pull out the file by pressing the top cap.



Endo File prebender

CHARACTERISTICS

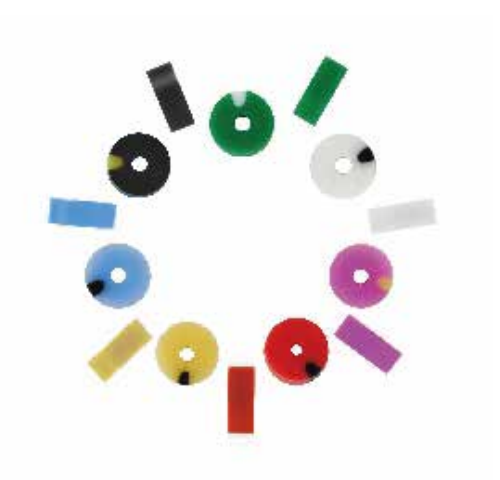
- Made of high quality medical stainless steel
- Use to pre-shape 3mm SS hand use file tip into a curvature of 45°
- Length marking at the front end, easy for length measuring



Radiopaque Stopper

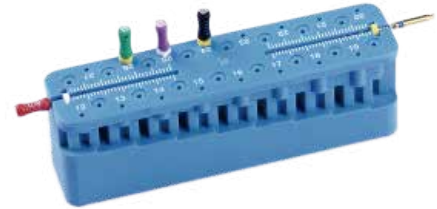
Round & Square & Round with tails

Grey, pink, white, yellow, red, blue, green,
black colors are available



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 1 mm to 30mm for right or left hand



Block

Made of resin material
Accurate simulation for root canals





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