

SuperFile®

ENDODONTIC INSTRUMENTS

Internal information Catalogue

SuperFile®

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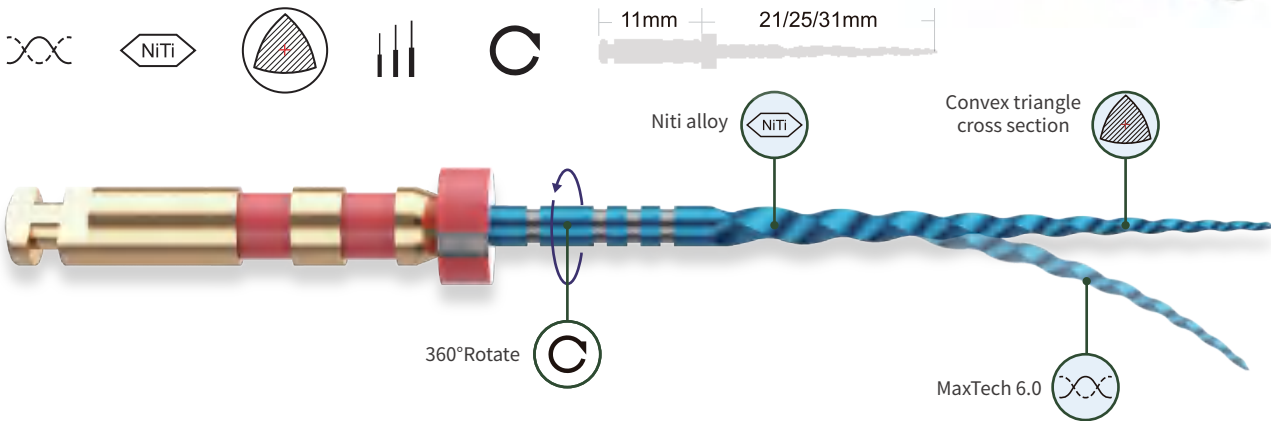
INTELLIGENCE INNOVATION QUALITY

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SuperFile®

Super-Pass

- MaxTech 6.0 controlled memory Nitinol alloy
- Continuous rotating motion, easy shaping sequence
- Convex triangle cross section brings great centering ability
- Progressive screw pitches can hold more debris and lower screw-in risks
- Each file glide the path for the next one
- Constant-tapered benefit simple obturation



Size
Speed(RPM)
Torque(N.CM)

SSK (#10)

+

Super-Pass

20/.07	15/.04	20/.04	20/.06	25/.04	25/.06
350	350	350	350	350	350
3.0	1.5	3.0	3.0	3.0	3.0

Model	19mm	21mm	25mm	31 mm
● 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

Super-Large

Super Large is designed for large root canal preparation. Doctors can choose the appropriate model based on the clinical root canal cases.

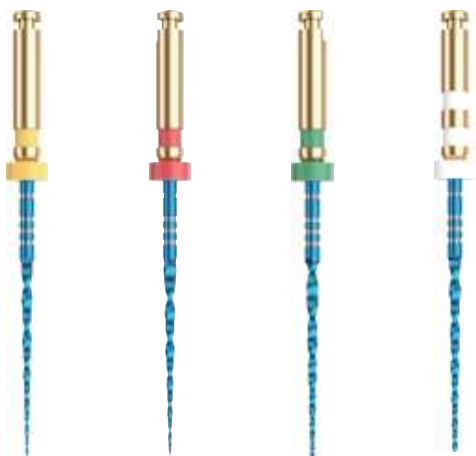


Super Large	L1	L2	L3	L4	L5	L6
Size	30/.04	30/.06	35/.04	35/.06	40/.04	50/.04
Speed(RPM)	400	400	400	400	400	400
Torque(N.CM)	3.0	3.0	3.0	3.0	3.0	3.0

Model	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

Super-One

- 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



Super 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

	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

Super-Can

- 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 models



Super Can	Opener	Glide Path I	Glide Path II
Size	20/.07	10/.04	15/.02
Speed(RPM)	350	350	350
Torque(N.CM)	3.0	1.5	1.5

	Model	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

S Taper Series

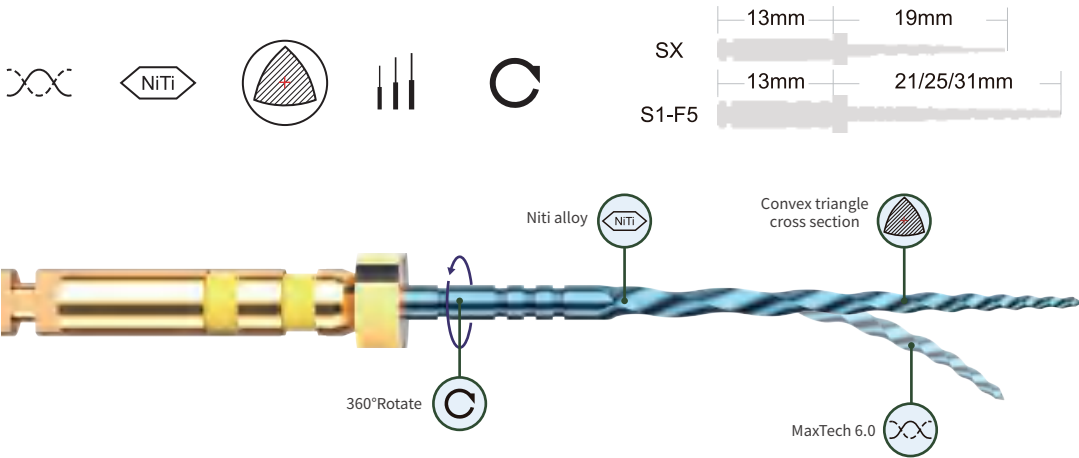
- MaxTech Niti alloy (1.0 3.0 6.0)
- Suitable for regular canal preparation
- Triangular cross section and safe guiding tip
- Variable taper, optimize file function
- Continuous clockwise rotation
- Crown-Down Sequence:

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



S-Taper	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

S-Taper Gold	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)	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

S-Taper Blue	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)	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

S-Taper

Model	19mm	21 mm	25mm	31 mm
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

S-Taper Gold

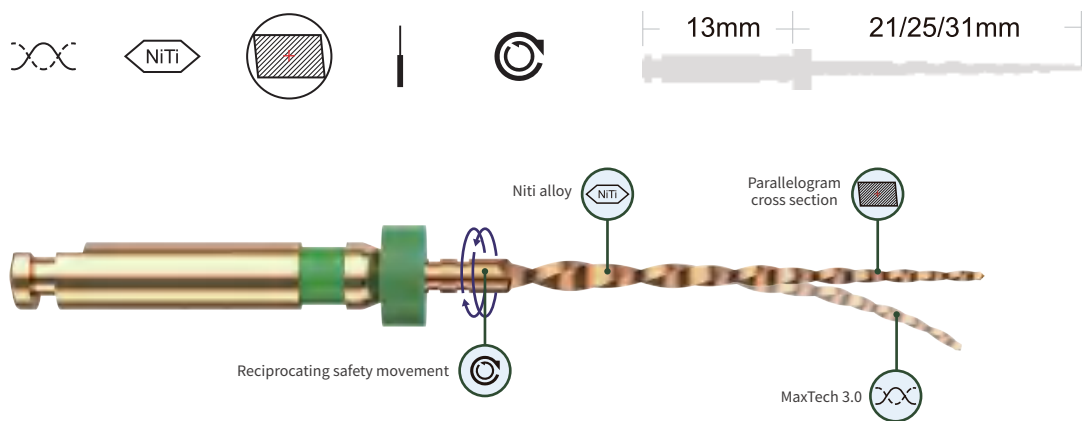
Model	19mm	21 mm	25mm	31 mm
SX	AFU 019 0SX			
S1		AFU 021 0S1	AFU 025 0S1	AFU 031 0S1
S2		AFU 021 0S2	AFU 025 0S2	AFU 031 0S2
F1		AFU 021 0F1	AFU 025 0F1	AFU 031 0F1
F2		AFU 021 0F2	AFU 025 0F2	AFU 031 0F2
F3		AFU 021 0F3	AFU 025 0F3	AFU 031 0F3
F4		AFU 021 0F4	AFU 025 0F4	AFU 031 0F4
F5		AFU 021 0F5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

S-Taper Blue

Model	19mm	21 mm	25mm	31 mm
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

Super-Wave Gold

- MaxTech Niti alloy
- One file system
- Powerful cuts for more efficient treatment
- Progressive on taper design and cutting flute length
- Reciprocating movement
- Crown-down technique, suitable for most root canals



Size	21 mm	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	
20-45	AFW 021 A01	AFW 025 A01	AFW 031 A01	



Super-Wave Gold

Size

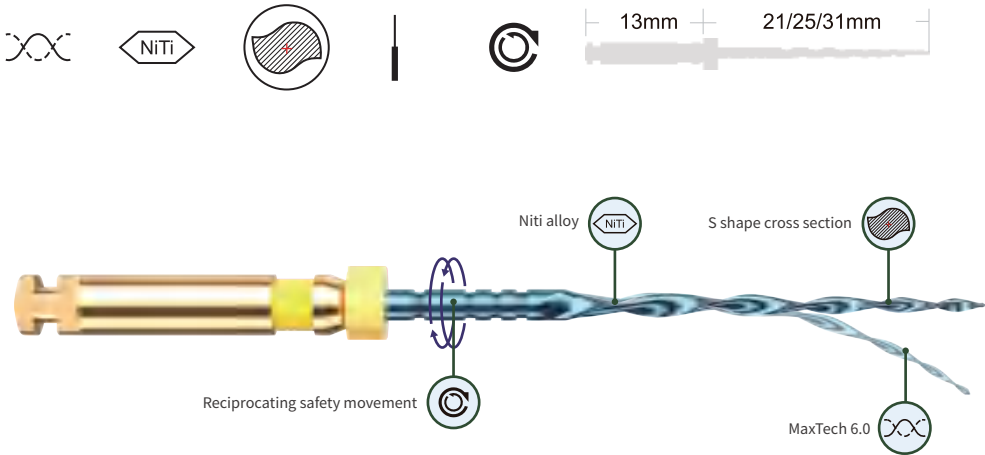
Speed(RPM)

Torque(N.CM)

	+				+				+			
SSK #10		Small 20/.07		SSK #10		Primary 25/.07		SSK #20		Medium 35/.06		Large 45/.05
		300				300				300		300
		Reciprocating				Reciprocating				Reciprocating		Reciprocating

RC Series

- MaxTech 1.0 3.0 6.0 Niti alloy
- Suitable for normal / severe curved canal
- More flexible and can be pre-shaped
- Reciprocating motion
- Effective cutting
- Regressive taper design to prevent unnecessary loss of coronal dentin



RC	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

RC Gold	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

RC 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

CLINICAL CASES



RC

Size	21 mm	25mm	31 mm
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

RC Gold

Size	21 mm	25mm	31 mm
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

RC Blue

Size	21 mm	25mm	31 mm
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

RS File

Easy

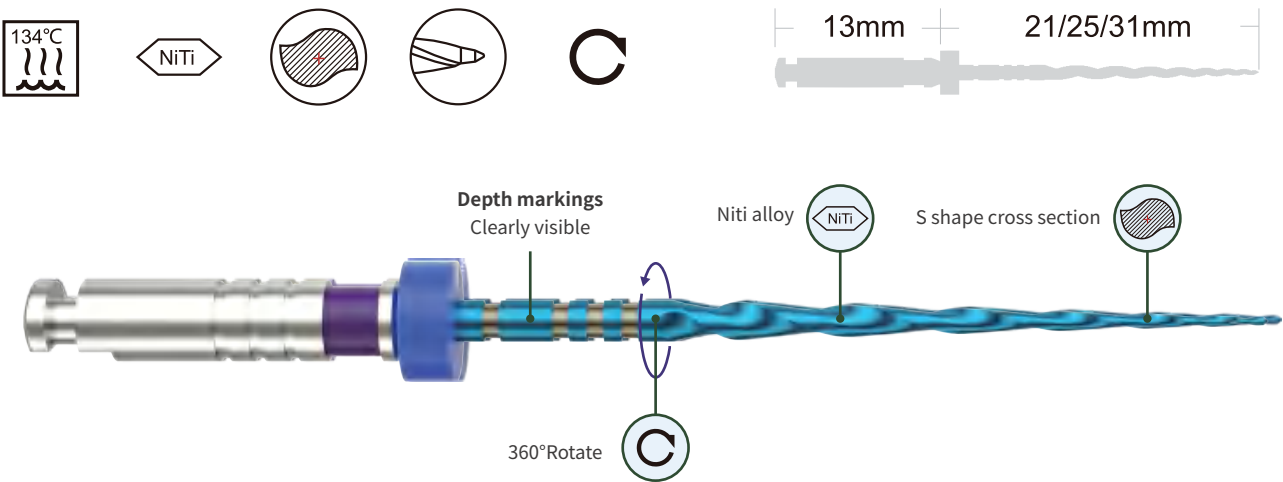
- Easy to transfer from manual to rotary file system
- One Sequence for all canals
- Each files are reaching to working length.

Safe

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

Efficient

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



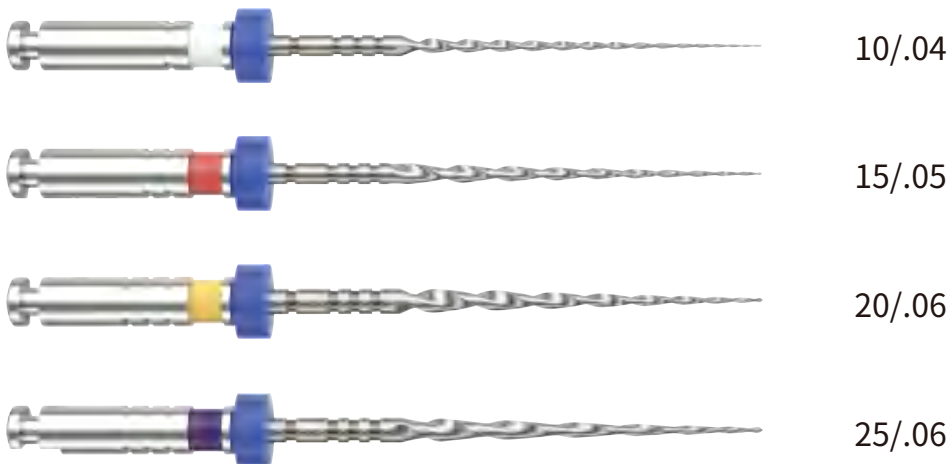
RS-File

Length : 21mm, 25mm, 31mm
Size : 10/.04, 15/.05, 20/.06, 25/.06, 30/.05, 35/.04,
40/.04, 45/.04, 50/.04, 60/.04 25/.07, 30/.06, 35/.06, 40/.06

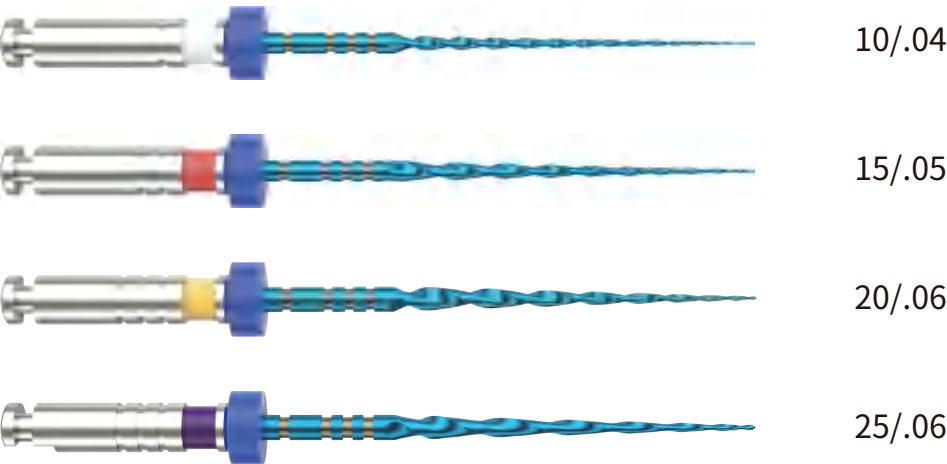
RS-Blue

Length : 21mm, 25mm, 31mm
Size : 10/.04, 15/.05, 20/.06, 25/.06, 30/.05, 35/.04,
40/.04, 45/.04, 50/.04, 60/.04 25/.07, 30/.06, 35/.06, 40/.06

RS File

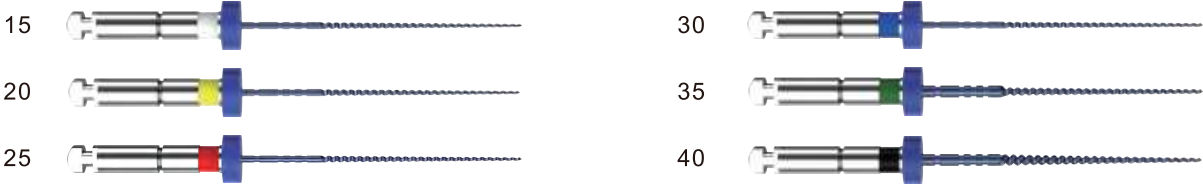
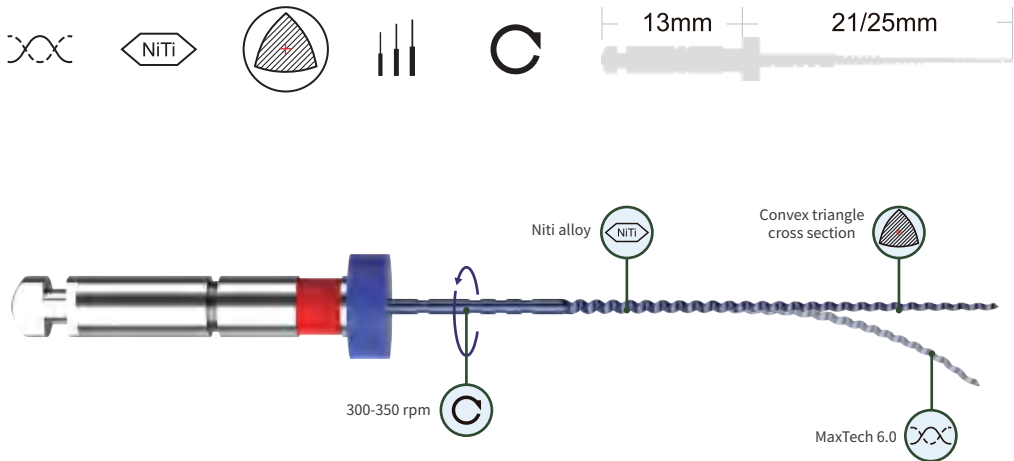


RS Blue



Master

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



Master 2

Size	21 mm	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
Kit1 Master 2-Master 4 (SX 10/.04 15/.02)	BK2 021 A02	BK2 025 A02	BK2 031 A02

Master 4

Size	21 mm	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
Kit2 (SX 20/.04 25/.04 30/.04)	BK4 021 A02	BK4 025 A02	BK4 031 A02
Kit3 (SX 20/.04 25/.04 30/.04)	BK4 021 A03	BK4 025 A03	BK4 031 A03

Master 6

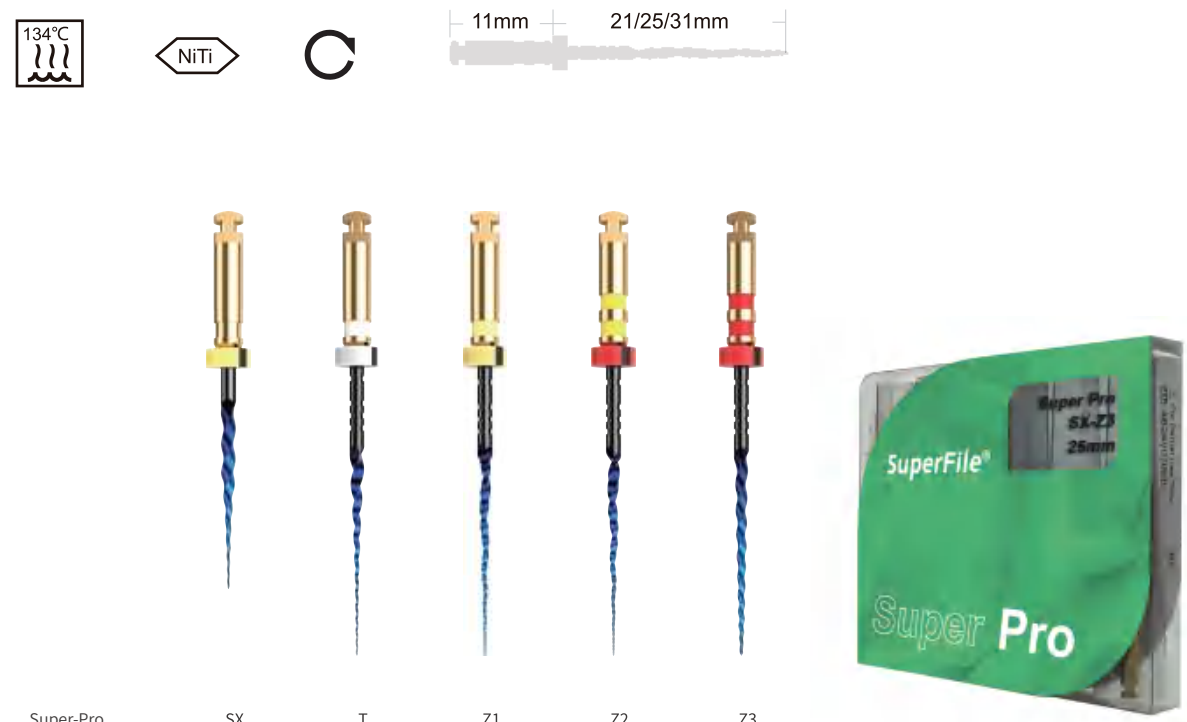
Size	21 mm	25mm	31mm
15	BK6 021 015	BK6 025 015	BK6 031 015
20	BK6 021 020	BK6 025 020	BK6 031 020
25	BK6 021 025	BK6 025 025	BK6 031 025
30	BK6 021 030	BK6 025 030	BK6 031 030
35	BK6 021 035	BK6 025 035	BK6 031 035
40	BK6 021 040	BK6 025 040	BK6 031 040
15-40	BK6 021 A01	BK6 025 A01	BK6 031 A01
Kit4 (SX 20/.06 25/.06)	BK6 021 A02	BK6 025 A02	BK6 031 A02

CLINICAL CASES



Super-Pro

- 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 standarlized finishing file Z3 25/.06 for intend to taper confirmation and precise match to GP.

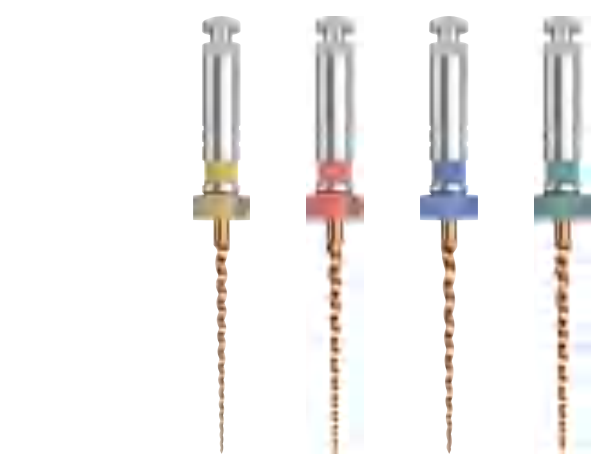
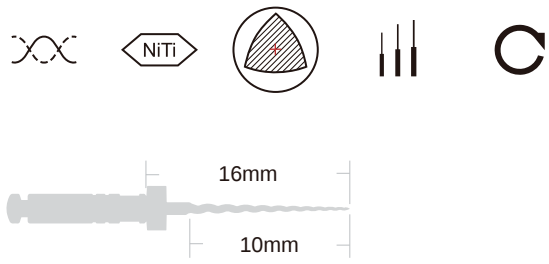


Super-Pro	SX	T	Z1	Z2	Z3
Size	19/.04	17/.02	20/.04	20/.06	25/.06
Speed(RPM)	400	450	450	450	450
Torque(N.CM)	3.0	1.5	1.5	3.0	3.0

Model	19mm	21mm	25mm	31 mm
● 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

Pedo File

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



Pedo 4 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

Pedo 6 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

Pedo 4 Gold	16mm	Pedo 6 Gold	16mm
20	ADT 004 020	20	ADT 006 020
25	ADT 004 025	25	ADT 006 025
30	ADT 004 030	30	ADT 006 030
35	ADT 004 035	35	ADT 006 035
20-35	ADT 004 A01	20-35	ADT 006 A01



Pedo 4 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

Pedo 6 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

Pedo 4 Blue	16mm	Pedo 6 Blue	16mm
20	BDT 004 020	20	BDT 006 020
25	BDT 004 025	25	BDT 006 025
30	BDT 004 030	30	BDT 006 030
35	BDT 004 035	35	BDT 006 035
20-35	BDT 004 A01	20-35	BDT 006 A01

Path 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 2.0 N.cm

	Size	21mm	25mm	31mm
Path File	17	SFT 021 017	SFT 025 017	SFT 031 017
Path + File	17	AFT 021 017	AFT 025 017	AFT 031 017



AS Series

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

	Size	21mm	25mm	29mm
AS File	25	SFA 021 025	SFA 025 025	SFA 029 025
AS + File	25	AFA 021 025	AFA 025 025	AFA 029 025



S Path

- 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

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



Super-Wave Tunnel

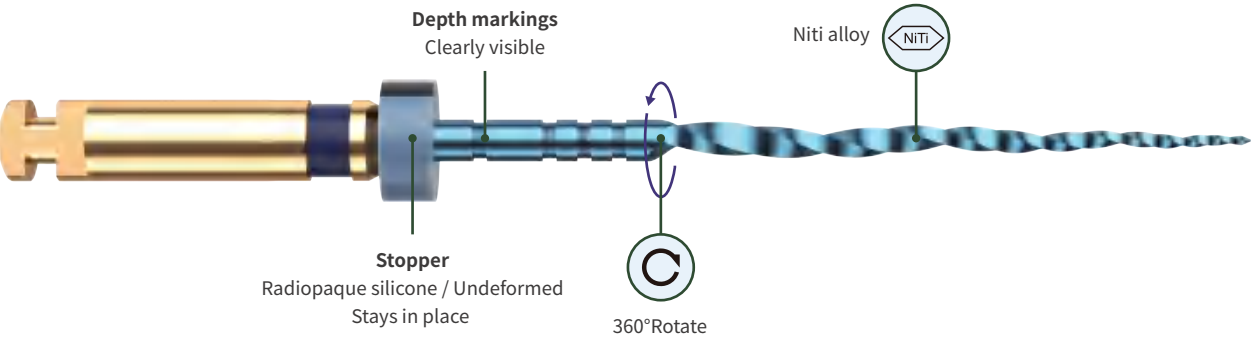
- MaxTech 3.0 Niti alloy
- Largely enhanced cyclic fatigue life
- Build a smooth path for shaping file
- Work with Super-Wave Gold with reciprocating motion

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



Taper Next Series

- 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

	Taper Next Blue								
	SSK						OPTIONAL		
	#10	#15	SX	T+	X1	X2	X3	X4	X5
Size			019/.04	017/.02	017/.04	025/.06	030/.07	040/.06	050/.05
Speed(RPM)			300	300	500	500	500	500	500
Torque(N.CM)			3.0	1.5	3.0	3.0	3.0	3.0	3.0



Taper Next + File

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

Taper Next Blue

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 A01	BFX 025 A01	BFX 031 A01

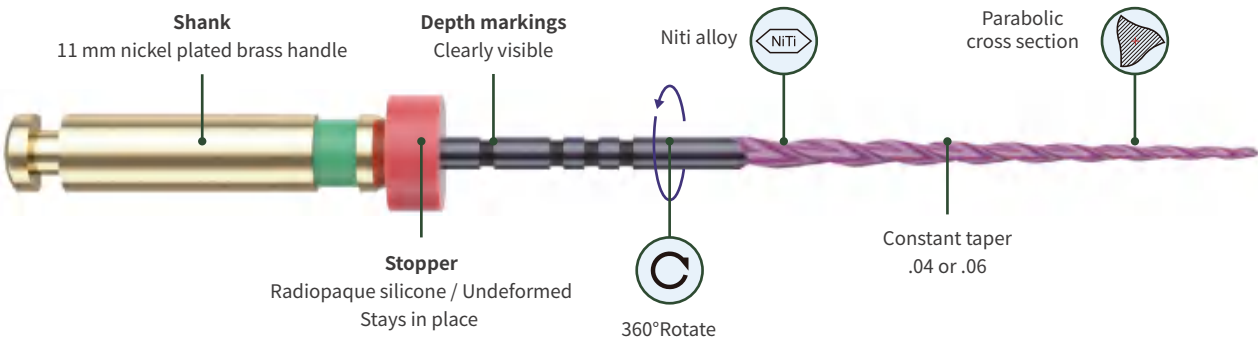
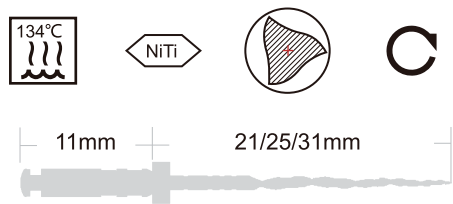
Taper Next Grey

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 A01	CFX 025 A01	CFX 031 A01

S7 File

New Products

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



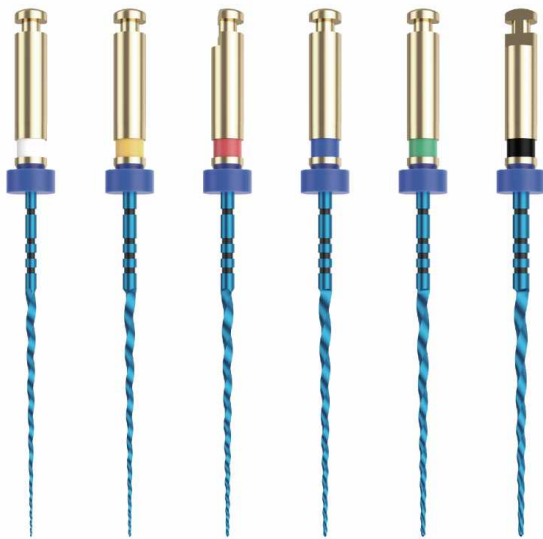
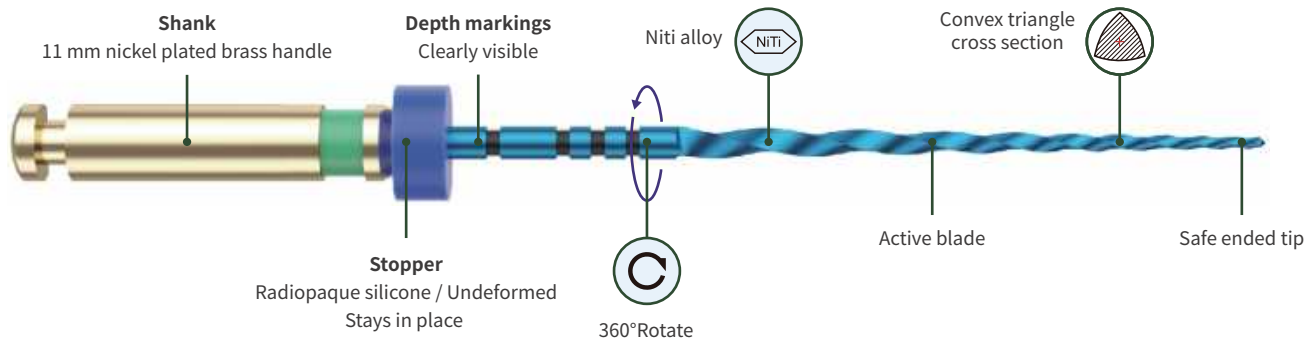
S7 4 File						
Size	17/.04	20/.04	25/.04	30/.04	35/.04	40/.04
Speed(RPM)	350-400	350-400	350-400	350-400	350-400	350-400
Torque(N.CM)	3-3.5	3-3.5	3-3.5	3-3.5	3-3.5	3-3.5

S7 6 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

CF File

New Products

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



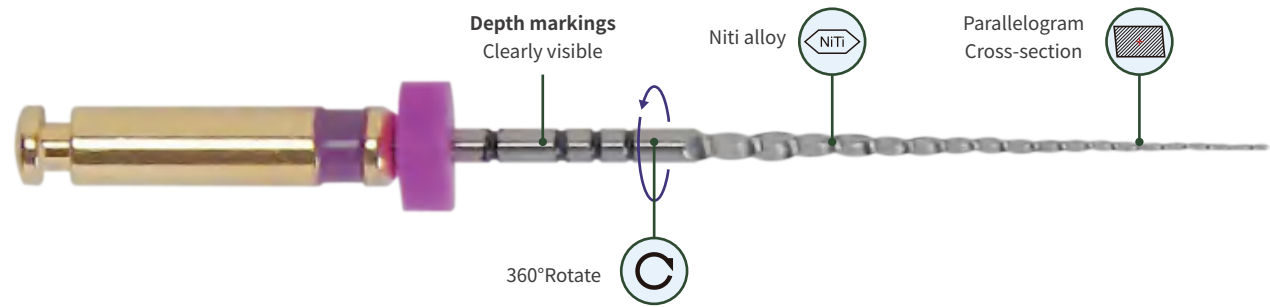
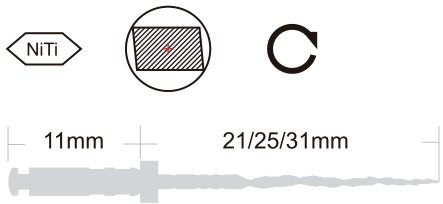
CF 4 File						
Size	15/.04	20/.04	25/.04	30/.04	35/.04	40/.04
Speed(RPM)	500	500	500	500	500	500
Torque(N.CM)	0.73	0.73	1.01	1.01	1.29	1.29

CF 6 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)	1.91	1.91	2.84	2.84	3.60	3.60

S Taper Ultimate File

New Products

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



S Taper Ultimate File (Normal canal)

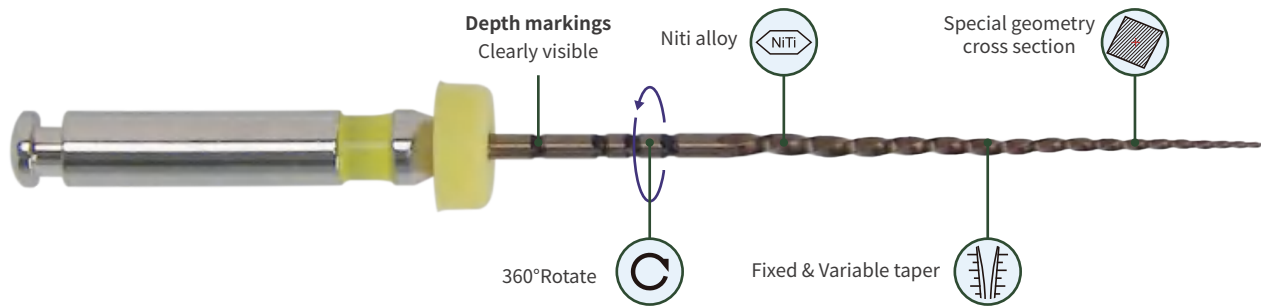
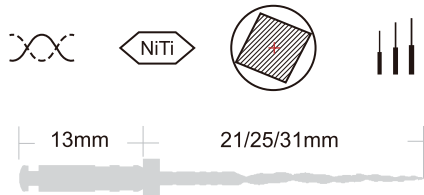
Size	16/.02	20/.04	20/.07	25/.08	30/.09
Speed(RPM)	400	400	400	400	400
Torque(N.CM)	4-5.2	4-5.2	4-5.2	4-5.2	4-5.2

S Taper Ultimate 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

TN File

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



TN File

Size

Speed(RPM)

Torque(N.CM)

Taper

SSK

#10

Normal canals ②

TN Modifier

TN Glider

TN Shaper ②

20/.08

17/.02

26/0.4

500

500

500

1.5

1.5

1.5

Fixed Taper

Variable Taper

Variable Taper

Small ① / Large ③ canals

TN Shaper ①

TN Shaper ③

20/.04

36/.03

500

500

1.5

1.5

Variable Taper

Variable Taper

RT Series

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



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

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

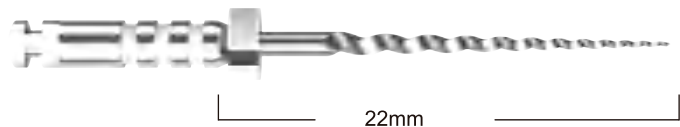
RT File



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

RT Gold



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

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,
SX→S1→ S2 →F1/F2 →F3

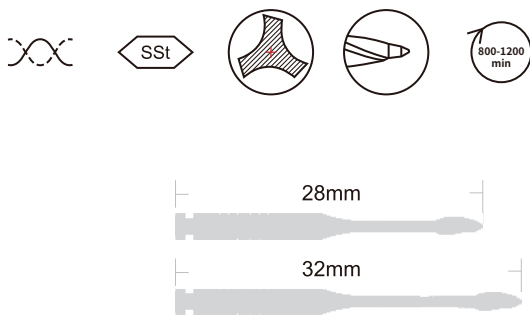


Superfile

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

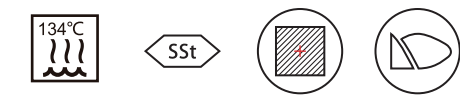
Gates Drill

- Medical Stainless Steel
- Sizes: #1, #2, #3, #4, #5, #6,
- Length: 28mm - 32mm
- Recommended speed: 800-1200rpm
- Corresponding sizing rings



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

C-File

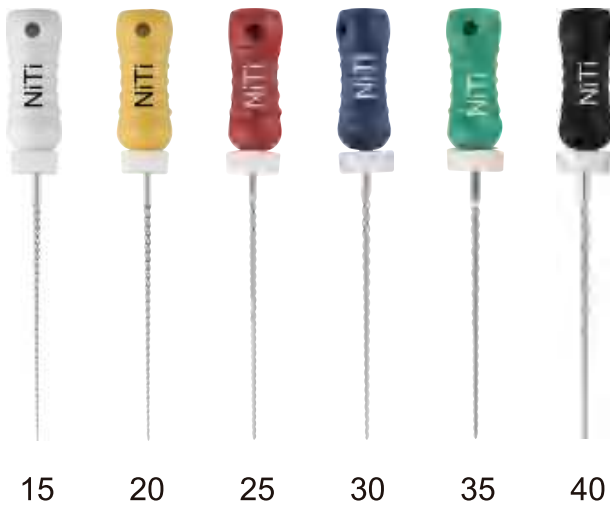
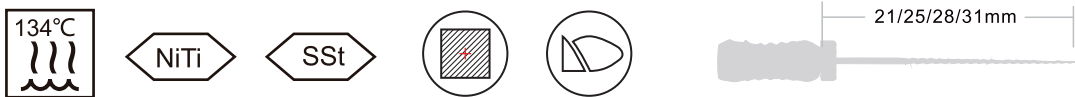


S.S. Hand Use C-File

Size	21 mm	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

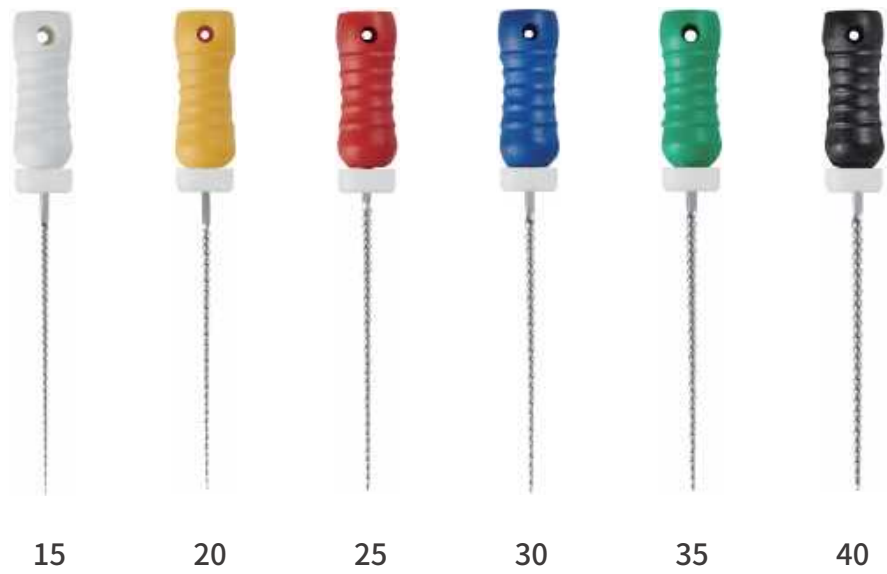
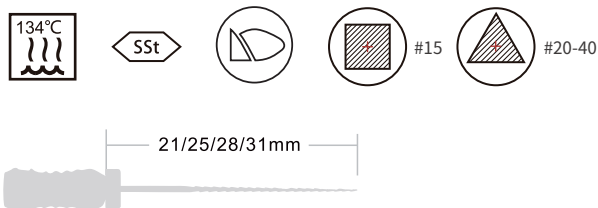
- Square cross section
- Available in Niti and Stainless Steel material
- Autoclavable



S.S. Hand Use K-File

Size	21 mm	25mm	28mm	31mm	21 mm	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

K-Flex

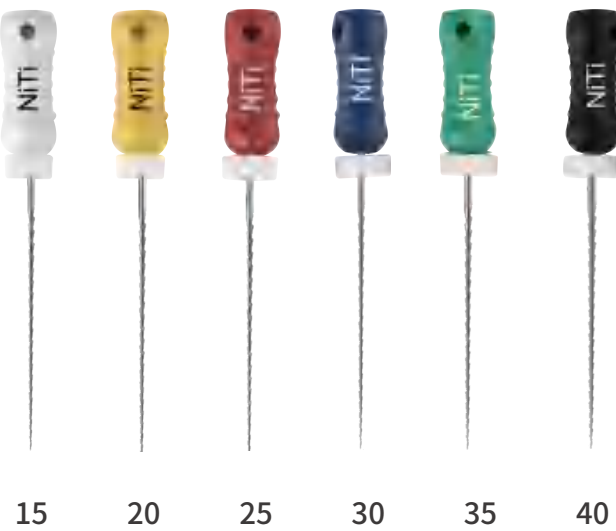
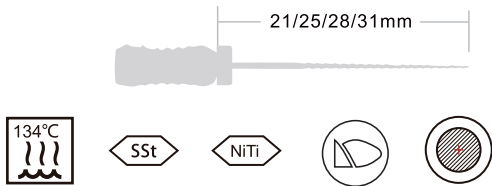


K-Flex

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 0A01

H-File

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



S.S. Hand Use H-File

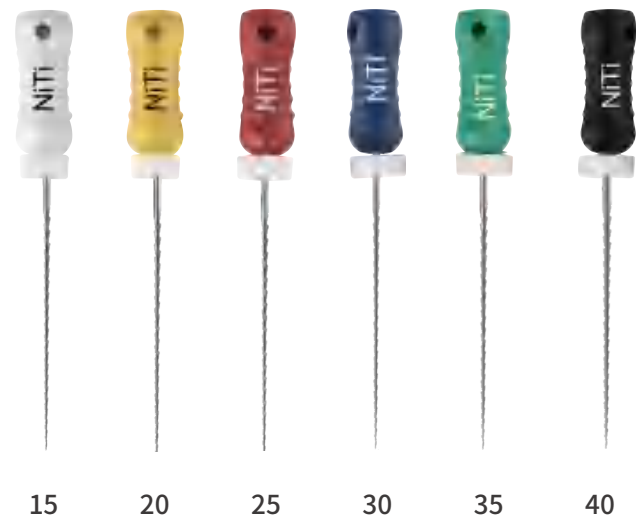
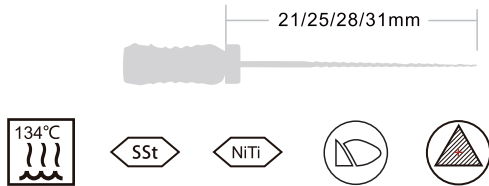
	Size	21mm	25mm	28mm	31mm
	6	HSH 021 006	HSH 025 006	HSH 028 006	HSH 031 006
	8	HSH 021 008	HSH 025 008	HSH 028 008	HSH 031 008
	10	HSH 021 010	HSH 025 010	HSH 028 010	HSH 031 010
	15	HSH 021 015	HSH 025 015	HSH 028 015	HSH 031 015
	20	HSH 021 020	HSH 025020	HSH 028 020	HSH 031 020
	25	HSH 021 025	HSH 025 025	HSH 025 025	HSH 031 025
	30	HSH 021 030	HSH 025 030	HSH 025 030	HSH 031 030
	35	HSH 021 035	HSH 025 035	HSH 025 035	HSH 031 035
	40	HSH 021 040	HSH 025 040	HSH 025 040	HSH 031 040
	45	HSH 021 045	HSH 025 045	HSH 025 045	HSH 031 045
	50	HSH 021 050	HSH 025 050	HSH 025 050	HSH 031 050
	55	HSH 021 055	HSH 025 055	HSH 025 055	HSH 031 055
	60	HSH 021 060	HSH 025 060	HSH 025 060	HSH 031 060
	70	HSH 021 070	HSH 025 070	HSH 025 070	HSH 031 070
	80	HSH 021 080	HSH 025 080	HSH 025 080	HSH 031 080
	15~40	HSH 021 A01	HSH 025 A01	HSH 025 A01	HSH 031 A01
	45~80	HSH 021 A02	HSH 025 A02	HSH 025 A02	HSH 031 A02

NiTi Hand Use H-File

	21mm	25mm	28mm	31mm
	-	-	-	-
	HNH 021 008	HNH 025 008	HNH 028 008	HNH 031 008
	HNH 021 010	HNH 025 010	HNH 028 010	HNH 031 010
	HNH 021 015	HNH 025 015	HNH 028 015	HNH 031 015
	HNH 021 020	HNH 025 020	HNH 028 020	HNH 031 020
	HNH 021 025	HNH 025 025	HNH 028 025	HNH 031 025
	HNH 021 030	HNH 025 030	HNH 028 030	HNH 031 030
	HNH 021 035	HNH 025 035	HNH 028 035	HNH 031 035
	HNH 021 040	HNH 025 040	HNH 028 040	HNH 031 040
	HNH 021 045	HNH 025 045	HNH 028 045	HNH 031 045
	HNH 021 050	HNH 025 050	HNH 028 050	HNH 031 050
	HNH 021 055	HNH 025 055	HNH 028 055	HNH 031 055
	HNH 021 060	HNH 025 060	HNH 028 060	HNH 031 060
	HNH 021 070	HNH 025 070	HNH 028 070	HNH 031 070
	HNH 021 080	HNH 025 080	HNH 028 080	HNH 031 080
	HNH 021 A01	HNH 025 A01	HNH 028 A01	HNH 031 A01
	HNH 021 A02	HNH 025 A02	HNH 028 A02	HNH 031 A02

Reamer

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



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 025020	HSR 028 020	HSR 031 020
	25	HSR 021 025	HSR 025 025	HSR 025 025	HSR 031 025
	30	HSR 021 030	HSR 025 030	HSR 025 030	HSR 031 030
	35	HSR 021 035	HSR 025 035	HSR 025 035	HSR 031 035
	40	HSR 021 040	HSR 025 040	HSR 025 040	HSR 031 040
	45	HSR 021 045	HSR 025 045	HSR 025 045	HSR 031 045
	50	HSR 021 050	HSR 025 050	HSR 025 050	HSR 031 050
	55	HSR 021 055	HSR 025 055	HSR 025 055	HSR 031 055
	60	HSR 021 060	HSR 025 060	HSR 025 060	HSR 031 060
	70	HSR 021 070	HSR 025 070	HSR 025 070	HSR 031 070
	80	HSR 021 080	HSR 025 080	HSR 025 080	HSR 031 080
	15~40	HSR 021 A01	HSR 025 A01	HSR 025 A01	HSR 031 A01
	45~80	HSR 021 A02	HSR 025 A02	HSR 025 A02	HSR 031 A02

NiTi Hand Use Reamer

	21mm	25mm	28mm	31mm
	-	-	-	-
	HNR 021 008	HNR 025 008	HNR 028 008	HNR 031 008
	HNR 021 010	HNR 025 010	HNR 028 010	HNR 031 010
	HNR 021 015	HNR 025 015	HNR 028 015	HNR 031 015
	HNR 021 020	HNR 025 020	HNR 028 020	HNR 031 020
	HNR 021 025	HNR 025 025	HNR 028 025	HNR 031 025
	HNR 021 030	HNR 025 030	HNR 028 030	HNR 031 030
	HNR 021 035	HNR 025 035	HNR 028 035	HNR 031 035
	HNR 021 040	HNR 025 040	HNR 028 040	HNR 031 040
	HNR 021 045	HNR 025 045	HNR 028 045	HNR 031 045
	HNR 021 050	HNR 025 050	HNR 028 050	HNR 031 050
	HNR 021 055	HNR 025 055	HNR 028 055	HNR 031 055
	HNR 021 060	HNR 025 060	HNR 028 060	HNR 031 060
	HNR 021 070	HNR 025 070	HNR 028 070	HNR 031 070
	HNR 021 080	HNR 025 080	HNR 028 080	HNR 031 080
	HNR 021 A01	HNR 025 A01	HNR 028 A01	HNR 031 A01
	HNR 021 A02	HNR 025 A02	HNR 028 A02	HNR 031 A02

Smooth Broach

Smooth Broach is used for absorbing moisture in the root canal and for carrying disinfectant. It is easy to wind a wad of absorbent cotton around it.

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



Square Broach

Square Broach is a hand-used instrument for removing pulp tissue during root canal treatments.

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



Barbed Broach

Barbed Broach is a hand-used instrument for removing pulp tissue during root canal treatments.

- Instruments with barbs for removing soft tissue from root canals
- Used for taking out dental pulp by turning 180 degrees after entering the root canals

Size	21mm	25mm
XXXXF/0	HSB 021 020	HSB 025 020
XXXF/1	HSB 021 025	HSB 025 025
XXF/2	HSB 021 030	HSB 025 030
XF/3	HSB 021 035	HSB 025 035
F/4	HSB 021 040	HSB 025 040
M/5	HSB 021 050	HSB 025 050
C/6	HSB 021 060	HSB 025 060
2-4	HSB 021 A01	HSB 025 A01
0-6	HSB 021 A02	HSB 025 A02



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	-
10/004	HED T04 010
15/004	HED T04 015
10/006	HED T06 010
SET(3pcs)	HED 000 B01

GP Plugger

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

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 A02
set2(4pcs)	GPP 000 A01



Spreader

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

Size	21 mm(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

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

Size	21 mm(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



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 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

