

+  
Rotary  
NiTi  
Instruments

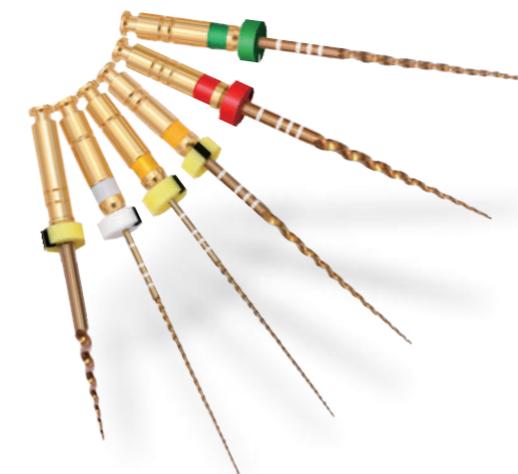
02

> MG3

Q: Is there a system exclusively designed by PERFECT?

A: MG3 !

- 20/.10
- P1 16/.02
- P2 19/.02
- G1 20/.04
- G2 25/.06
- G3 35/.04



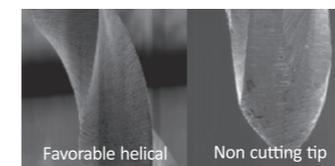
- 3.0 N/cm
- 
- 
- 
- 
- 
- ▶ 2.0 N/cm

Material : NiTi      Standard : Gold      Length : 21,25,31 mm

Rotary speed : 350 rpm      Package : 6 pcs per box/blister (assorted/single size)

Sterilization : ≤ 134°C

Cross Section : 



# > MG3 II

SV 20/.10 PX 15/.03 G1 20/.04 G2 25/.04 G2 25/.06  
 Supplyment: G3 30/.04 G4 35/.04

○ ▶ 3.0 N/cm ○ ▶ 2.0 N/cm ○ ▶ 2.0 N/cm ○ ▶ 2.5 N/cm  
 Material: NiTi Standard: Gold Length: 21,25,31 mm

Rotary speed: 300~350 rpm Package: 5 pcs per box/blister (assorted/single size)

Sterilization: ≤134°C

Cross Section: 

**Advantages:**

- Efficient in cleaning of debris.
- Significantly reduce postoperative pain.
- Effectively improve clinical diagnosis.



# > T-Flex

○ 20/.10 ○ 15/.03 ○ 20/.04 ○ 25/.04 ○ 25/.06  
 Supplyment: ○ 30/.04 ○ 35/.04

○ ▶ 2.5 N/cm ○ ▶ 1.5 N/cm ○ ▶ 2.0 N/cm ○ ▶ 2.0 N/cm ○ ▶ 2.5 N/cm  
 Material: NiTi Standard: Blue Length: 21,25,31 mm

Rotary speed: 350~400 rpm Package: 5 pcs per box/blister (assorted/single size)

Sterilization: ≤134°C

Cross Section: 

**Advantages:**

- Pre-bendable, top pick for curved root canal.
- No need Freely for Brushing & Following, thanks to extraordinary design in flexibility.



# > T-Pro

- SV 30/.08   PG 17/.04   E1 20/.04
- E2 25/.04   E3 20/.06   E4 25/.06

○ 3.0 N/cm   ● 2.0 N/cm

Material : NiTi   Standard : Gold   Length : 21,25,31 mm

Rotary speed : 250~350 rpm   Package : 6 pcs per box/blister (assorted/single size)

Sterilization : ≤ 134°C

Cross Section : 

### Advantages:

- 200% improved in the durability, cutting efficiency and fracture resistance.
- Files ST/PG/E1/E2 are processed with Heat-treatment while E3/E4 with Pre-bendability.
- Superior quality and best cost-effective for you!

# > Kiddo

- 15/.04   ● 20/.04   ● 25/.04
- 30/.04   ● 25/.06   ● 30/.06

● 1.5 N/cm

Material : NiTi   Standard : Gold   Length : 16 mm

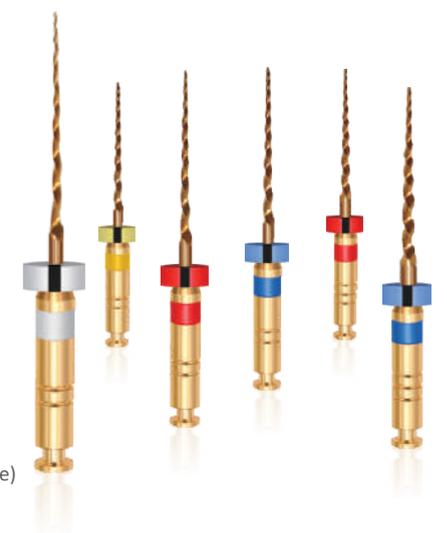
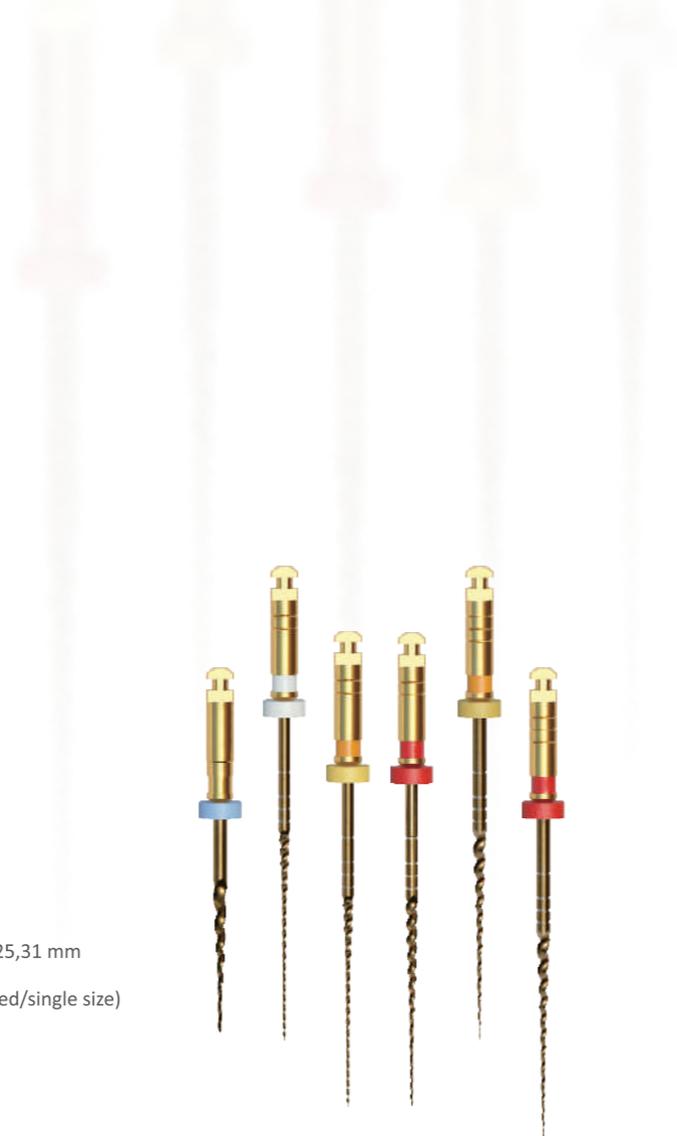
Rotary speed : 250~350 rpm   Package : 6 pcs per box/blister (assorted/single size)

Sterilization : ≤ 134°C

Cross Section : 

### Advantages:

- Non-cutting tip, and triangle cross section.
- The small flat area on the tip, enhance it's ability to find the way through debris.
- Length of 16mm, best pick for kid's root canal treatment.



# > Super Files

TG6 TH6 MTF

Material: NiTi Standard: Silver, Gold, Blue



**Apical diameter:**

- V0 0.19 mm
- V1 0.18 mm
- V2 0.20 mm
- T1 0.20 mm
- T2 0.25 mm
- T3 0.30 mm

**Package:** 6 pcs per box/blister (assorted/single size) **Length:** 21,25,31 mm

**Size:** V0, V1, V2(Shaping Files); T1, T2, T3, T4, T5(Finishing Files)

**Taper:** Variable taper

**Q:** what are the differences among MTF,TG6,TH6?

**A:** MTF is a non-heat-treated rotary file compatible to the ProTaper®;

TG6 is a heat treated rotary file system with gold standard,increase twice resistance of cyclic fatigue compared to MTF, and gives amazing flexibility;

TH6 is a heat treated rotary files with blue standard,increased resistance to cyclic fatigue and additional flexibility, in addition,it has the option of precurving the instrument,to obtain an easier access to the canals,when needed.

**Torque :** 3.0 N/cm(V0,V1); 1.5 N/cm(V2,T1); 2.5 N/cm(T2,T3,T4,T5)

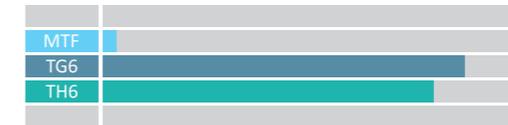
**Rotary Speed:** 300 rpm

**Sterilization :** ≤134°C

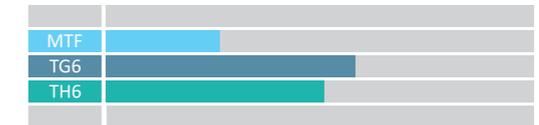
**Cross Section:**  For size V0,V1,V2,T1

 For size T2,T3,T4,T5

**Incomparable Heat Treatment**



**Flexibility**



**Pre-bendability**



**Cyclic fatigue resistance & Torque Strength N/cm (Niti -Gold-Blue)**



## > MTF Plus

Q: What is MTF Plus file system?

A: It is a system consists of files of variable taper and off-centered, rectangular cross section.

X1 17/.04   X2 25/.06   X3 30/.07

**Material:** NiTi      **Standard :** Silver, Gold  
**Length:** 21,25,31 mm      **Rotary Speed:** 300 rpm  
**Package:** 3 pcs per box/blister (assorted/single size)      **Torque:** 2.0~5.2 N/cm

Cross Section :



### Protocol for use

- Explore the canal using small-sized hand files
- In the presence of NaOCl, along the glide path, with the MTF Plus X1(017/04), in one or more passes, until working length is reached
- Use MTF Plus X2 (025/06), exactly as described for MTF Plus X1 file, until working length is reached
- Gauge the foramen with a size 025 hand file and, if this file is snug at length, the canal is shaped and ready for disinfection
- If the size 25 hand files is loose at length, then continue shaping with the MTF Plus X3 (030/07)

## > PX One

16/.02

**Material:** NiTi      **Standard :** Gold      **Length:** 21,25,31 mm  
**Torque :** 2.0~5.0N/cm      **Rotary speed:** 300 rpm  
**Package:** 4 pcs/blister

Cross Section:



### Features

- The best GPS in Glide path management.
- Compatible to Proglider.



# > S Blue

Q: Any recommendation for the most **cost-effective**?

A: S Blue and S Black

B0 17/.10  
 B1 20/.04  
 B2 25/.06  
 B3 35/.04

○  
 ●  
 ●  
 ● ▶ 2.5 N/cm

**Material:** NiTi      **Standard:** Blue, Black      **Length:** 21, 25, 31 mm  
**Rotary speed:** 425-500 rpm      **Package:** 4 pcs per box/blister (assorted/single size)

**Cross Section:** 

**Protocol for use:**

- Enlarge upper section with B0.
- Dentine removal and shaping with B1 and B2
- Choosing size B3 size for large canal . Use of EDTA cream is recommended during treatment .



# > S Blue II

Q: Why we need to choose S BLUE II?

- A: 1. Compared to S BLUE 1<sup>st</sup> generation, Path File #15/03 is smartly improving the efficiency of glidepath creating.
2. B2/.04 instead of B2/.06 for better patency of reproducible glidepath.

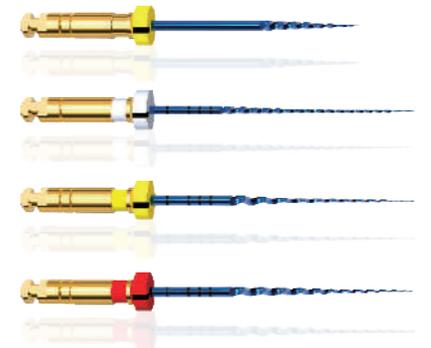
B0 17/.10  
 PX-B 15/.03  
 B1 20/.04  
 B2 25/.04

○  
 ● ▶ 2.5 N/cm     
 ● ▶ 1.5 N/cm     
 ● ▶ 2.0 N/cm

**Material:** NiTi      **Standard:** Blue      **Length:** 21, 25, 31 mm  
**Rotary speed:** 425~500 rpm      **Package:** 4 pcs per box/blister (assorted/single size)

**Sterilization:** ≤ 134°C

**Cross Section:**  



**Advantages:**

- Unique heat treatment technology in Blue Standard lead to pre-bendability.
- Greater resistance to cyclic fatigue and breakage.
- Perfect cutting edge reduces inhaled sensation while operating. Scientific apical tips design, automatically follow the curvature of root canal, maintain the natural shape.



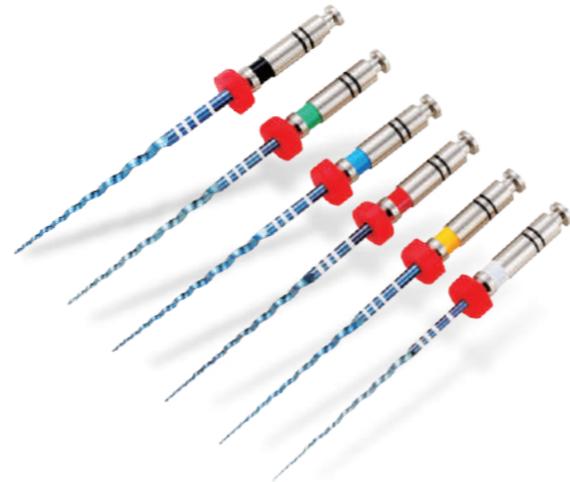
## > V Blue

Q: Which system is advantageous in curved canals ?  
A: Kindly choose V Blue !

15	15/.04	15/.06	20	20/.04	20/.06
25	25/.04	25/.06	30	30/.04	30/.06
35	35/.04	35/.06	40	40/.04	40/.06
45	45/.04	45/.06	50	50/.04	50/.06

**Material :** NiTi  
**Standard :** Blue  
**Length :** 21,25,31 mm  
**Rotary speed :** 250-360 rpm  
**Torque :** 2.0~3.0 N/cm  
**Package :** 6 pcs per box/blister (assorted/single size)

**Cross Section :** 



### Selling point

V blue utilizes a unique approach in wire processing that increases cyclic fatigue resistance and improves torque strength. Due to this proprietary processing, V blue files may appear slightly curved. While the file can be easily straightened using only your fingers, it is not necessary to straighten the file prior to use. V blue conforming to natural curvatures.

## > Mono

Q: Which system could make the treatment even simpler with only one single file ?  
A: None other than MONO !

 25/.06



**Material :** NiTi  
**Standard :** Silver, Gold  
**Length :** 21,25,31 mm  
**Rotary speed :** 250-360 rpm  
**Torque :** 2.0~3.0 N/cm  
**Package :** 6 pcs per box/blister

**Cross Section :**   

### Protocol for use:

-  Use a k file until the working length has been achieved. Irrigate thoroughly with NaOCl.
-  Then mono files allow in continuous rotation for quality root canal preparations .
-  Use of EDTA cream is recommended during treatment .



# > Mono2

M1 25/.04    M2 25/.06



**Material :** NiTi  
**Standard :** Gold,Black  
**Length :** 21,25,31 mm  
**Torque :** 2.0~3.2 N/cm  
**Rotary Speed :** 250-360 rpm  
**Package :** 4 pcs per box/blister (assorted/single size)

**Cross Section :** 

**Q :** Why choose MONO2?

**A :** A: Intuitive sequence with 2 shaping instruments in continuous rotation.

**B :** Better resistance to cyclic fatigue, cutting efficiency and debris removal with new technology heat treatment and latest generation of cross section.

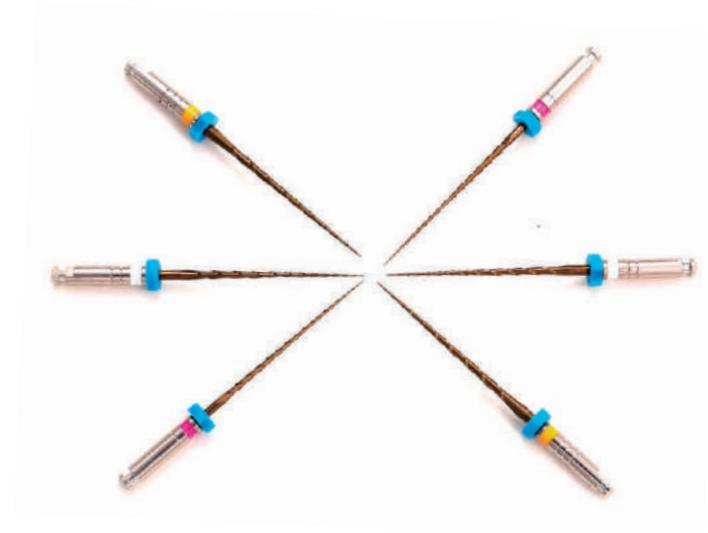
# > MT Files

**Q :** What are the sequence files that famous for the design S shape cross section ?

**A :** PERFECT MT Files.

**Material:** NiTi  
**Standard:** Silver, Gold  
**Length:** 21,25,31 mm  
**Rotary speed:** 250-360 rpm  
**Torque:** 2.0~3.0 N/cm  
**Package:** 4 or 6 pcs per box/blister (assorted/single size)

**Cross Section :** 



**Basic Sequence**  
● 10/.04    ● 15/.05    ● 20/.06    ● 25/.06

**Shaping of Larger Canals**  
● 30/.05    ● 35/.04    ● 40/.04    ● 45/.04    ● 50/.04    ● 60/.04

**Shaping of Larger Canals**  
● 25/.07    ● 30/.06    ● 35/.06    ● 40/.06



## > ET Files

13/.02 16/.02 19/.02

**Material :** NiTi  
**Standard :** Silver, Gold  
**Length :** 21,25,31 mm  
**Package :** 6 pcs per box/blister (assorted/single size)  
**Torque :** 2.0~3.2 N/cm  
**Rotary Speed :** 300 rpm

**Cross Section :** 

**Q :** Why choose ET files instead of manual stainless steel files?

**A :** ET files substantially shortens preparation time for path gliding compared to manual stainless steel files.

## > EX Files

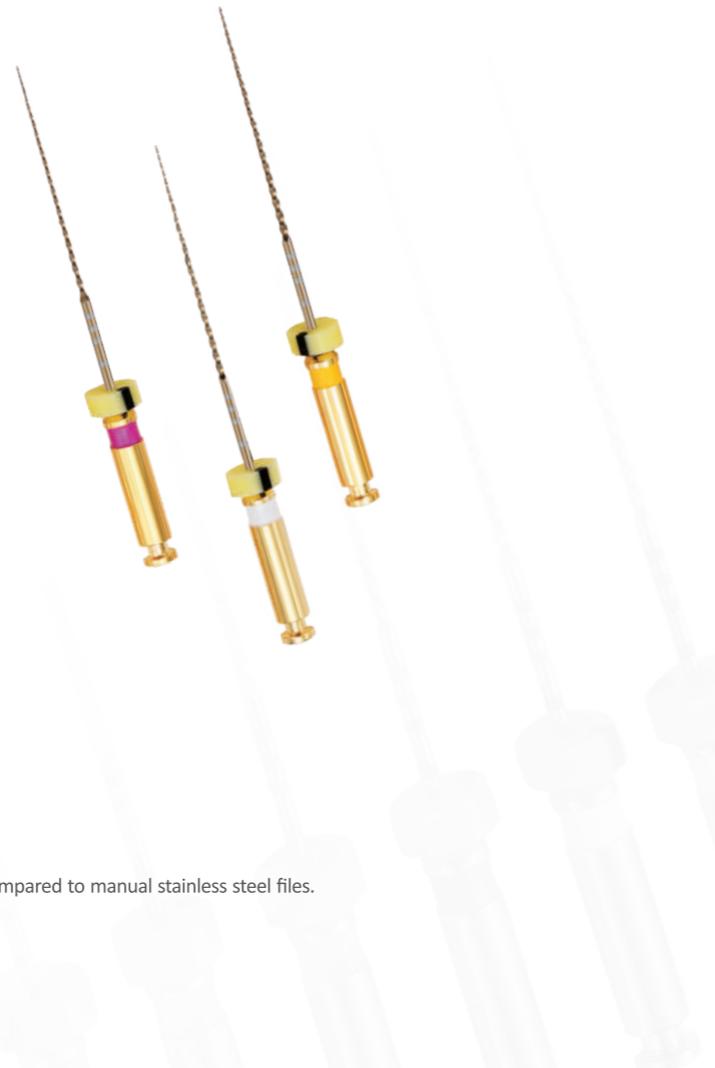
15/.04 15/.06 20/.04 20/.06 25/.04 25/.06  
30/.04 30/.06 35/.04 35/.06 40/.04 40/.06

**Material :** NiTi  
**Standard :** Silver, Gold  
**Length :** 21,25,31 mm  
**Rotary Speed :** 200-350 rpm  
**Torque :** 2.0~3.0 N/cm  
**Package :** 6 pcs per box/blister (assorted/single size)

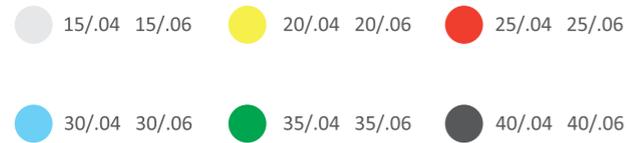
**Cross Section :** 

**Q :** What is the feature of the flutes?

**A :** It is Radial-landed U file flutes, 'lifting' debris coronally, creating a crown down, continuously tapering preparation from orifice to apex.



## >| DK Files



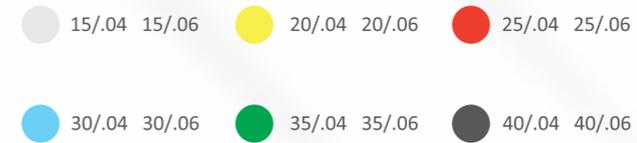
**Material :** NiTi  
**Standard :** Silver, Gold  
**Length :** 21,25,31 mm  
**Package :** 6 pcs per box/blister (assorted/single size)  
**Torque :** 2.0~3.2 N/cm  
**Rotary Speed :** 300 rpm  
**Cross Section :** 



**Q :** What is the difference between DK and DK GOLD?

**A :** DK GOLD, with heat treatment, observed 5 times increase in cyclic fatigue resistance compared with DK.

## >| DH Files



**Material :** NiTi  
**Standard :** Silver, Gold  
**Length :** 21,25,31 mm  
**Package :** 6 pcs per box/blister (assorted/single size)  
**Torque :** 2.0~3.2 N/cm  
**Rotary Speed :** 300 rpm  
**Cross Section :** 



## > Endostep

- 15/.04 15/.06
- 20/.04 20/.06
- 25/.04 25/.06
- 30/.04 30/.06
- 35/.04 35/.06
- 40/.04 40/.06

**Material :** NiTi  
**Standard :** Silver, Gold  
**Length :** 21,25,31 mm  
**Package :** 6 pcs per box/blister (assorted/single size)  
**Torque :** 2.0~3.2 N/cm  
**Rotary Speed :** 300 rpm

**Cross Section :** 



**Q :** What is its cross section and advantage ?

**A :** Triangle cross section design with 3 point engagement ;Flexibility maximized, torque minimized, reduced cross section thickness, increased sharp cutting edges.

**Q :** And is there any other feature compare to other files?

**A :** Yes. Its special flute design prevents self-threading or “screwing in”to canal and enhances debris removal .

## > RT Files

- D1 30/.09
- D2 25/.08
- D3 20/.07

**Material :** NiTi  
**Standard :** Silver, Gold  
**Length :** D1(16 mm),D2(18 mm),D3(22 mm)  
**Rotary speed :** 250-360 rpm  
**Torque :** 2.0~3.0 N/cm  
**Package :** 6 pcs per box/blister (assorted/single size)

**Cross Section :** 



**Q :** Which system is designed to remove filling materials such as gutta-percha points ?

**A :** RT Files is the best pick for retreatment.



# > GP Files



**Material :** NiTi  
**Standard :** Silver, Gold  
**Length :** 21,25,31 mm  
**Package :** 4 pcs per box (assorted/single size)  
**Rotary Speed :** 8000 rpm

**Cross Section :** 



The perfect GP Files is an Niti instrument. By rotating the instrument against the Gutta Percha, the material will be plasticised due to the frictional heat generated, carried apically and condensed. it rubs the gutta by plasticizing it.

# 03 + Reciprocating NiTi Instruments

