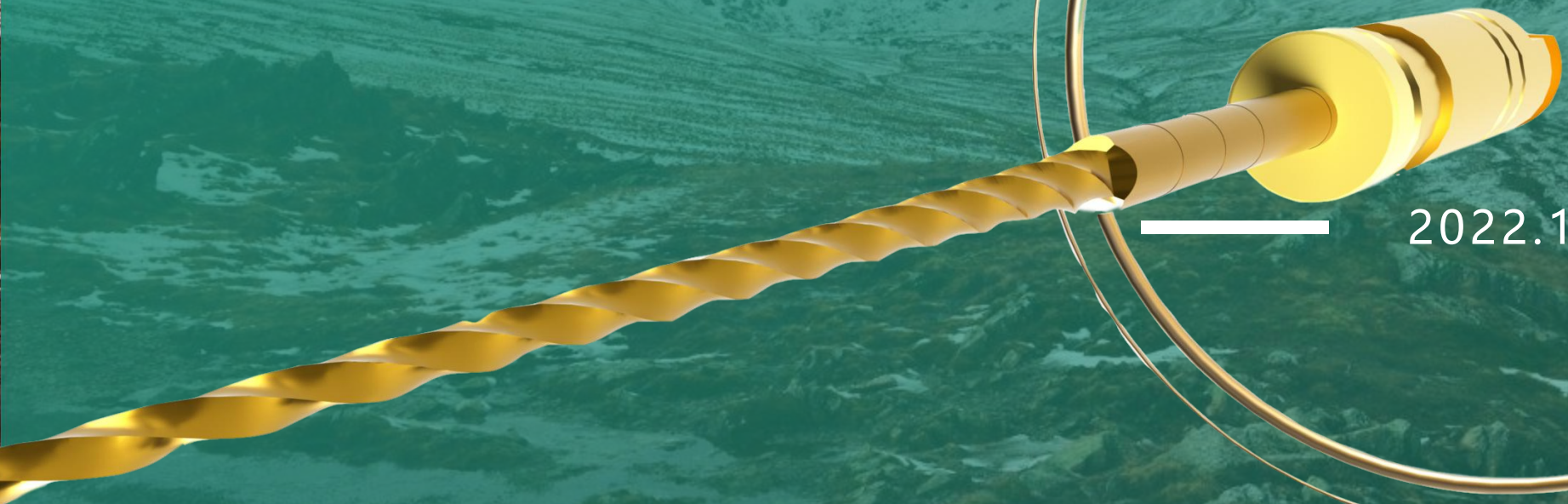




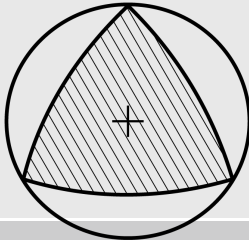
PERFECT ENDO.MG3 & MG3 Blue



2022.1.25

1.product description



File Names	Starter VS SX (protaper)-1.2mm wire
Tip Size	0.20
Taper	0.08 (Except the coronal 2mm, which will have no taper)
Active Part Length	14mm
File's length	17mm
Torque N/cm	3-3.5
Speed (rpm)	400-500rpm
File Tip	Non-Cutting Tip
Cross section	
Heat treatment Status	Austenite

Key Benefit of starter

1

MG3 with Gold heat treatment, **Austenite features**, that rotates continuously at the beginning of treatment to eliminate the coronal constraints in order to reduce stresses on the glide-path and shaping files, hence decreasing the risk of instruments fracture significantly.

2

While the Starter has excellent cutting efficiency, the unique taper design (A Constant Taper except the most coronal 2mm; with a maximum file diameter of 1.19mm) preserve the cervical dentine thickness as excellent practice of minimal invasive endodontics..

3

The unique tip' s size (0.20mm) minimizes the risk of ledging or perforation of root canals compared to other orifice openers in the market. such as SX protaper Universal. The GOLD Heat Treatment of the metallic alloy as well as the electrochemical polishing of the file' s surface, significantly increase its cyclic fatigue and resistance to fracture.

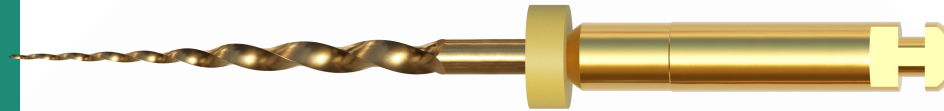
4

Compared to SX, Dentsply consider this files can be use for some short, extremely short canals, they design from d0-d3 with wide spirals.

Comparison

MG3 Starter VS

Protaper universal SX



5

SX: 0.19mm

designed for short extremely short canal, except for 1/3 coronal preparation.

Disadvantage: Conservative



6

Starter: 0.20mm

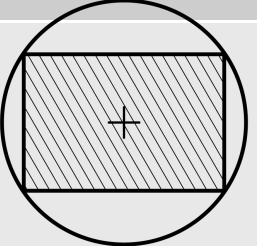
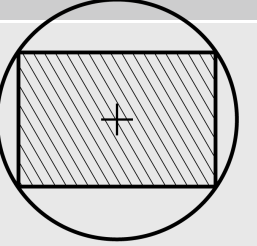
The MG3 Starter is recommended for preparing the orifice and the coronal third of root canals as well as adequately removing triangles of dentine.

advantage: Aggressive,



1.product description



File Names	P1-0.6mm wire	P2-0.6mm wire
Tip Size	0.16	0.19
Taper	02	02
Active Part Length	16mm	16mm
File's length	21, 25, 31mm	21, 25, 31mm
Torque N/cm	1.5-2.0	1.5-2.0
Speed (rpm)	400-500rpm	400-500rpm
File Tip	Non-Cutting Tip	Non-Cutting Tip
Cross section		
Heat treatment Status	Austenite	




ABOUT THE AUTHOR



Marc Habib

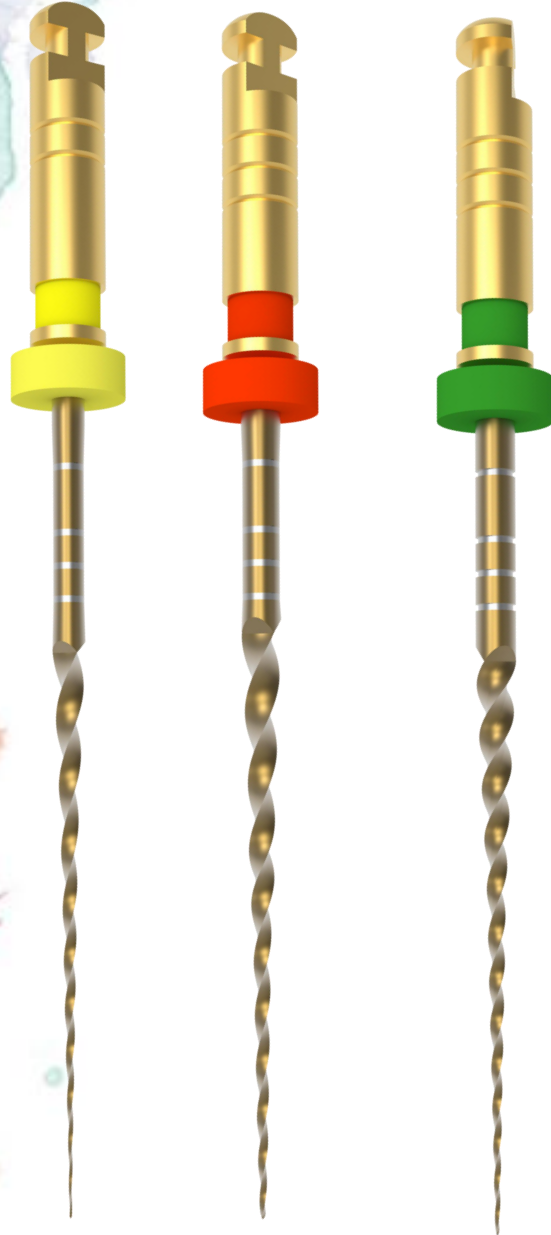
Conservative Shaping with MG3

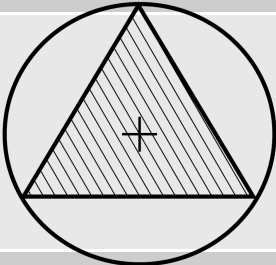
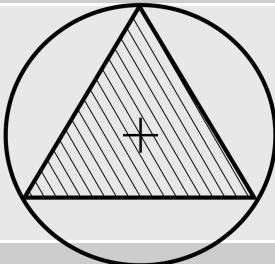
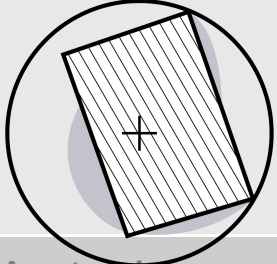
 19/07/2021

 Marc Habib

 1,234

1.product description



File Names	G1-1mm wire	G2-1.2mm wire	G3-1mm wire
Tip Size	0.20	0.25	0.35
Taper	04	06	04
Active Part Length	16mm	16mm	16mm
File's length	21, 25, 31mm	21, 25, 31mm	21, 25, 31mm
Torque N/cm	2-2.5	2-2.5	2-2.5
Speed (rpm)	400-500rpm	400-500rpm	400-500rpm
File Tip	Non-Cutting Tip	Non-Cutting Tip	Non-Cutting Tip
Cross section			
Heat treatment Status	Austenite	Austenite	Austenite

Key Benefit of triangle cross section

1

1. The unique tips sizes (0.20, 0.25, and 0.30mm) allows more predictable shaping and better cleansing of severely curved canals, with the option of finishing shaping at 0.20/04 or 0.25/06 according to the difficulty of the case.
2. The special GOLD Heat Treatment, thanks to the M-WIRE NiTi material, and the electrochemical polishing of the instruments' surface, significantly increase resistance to both fatigue and fracture especially in severely curved canals.

2

Triangle design VS Convex Triangle

1. The triangular cross-section along with the slightly positive rake angle allow controlled cutting efficiency but significantly enhance files flexibility.
2. Protaper Universal use Convex triangle for all sizes, it is the conservative concept because they care about the decrease on more clinical complaint.

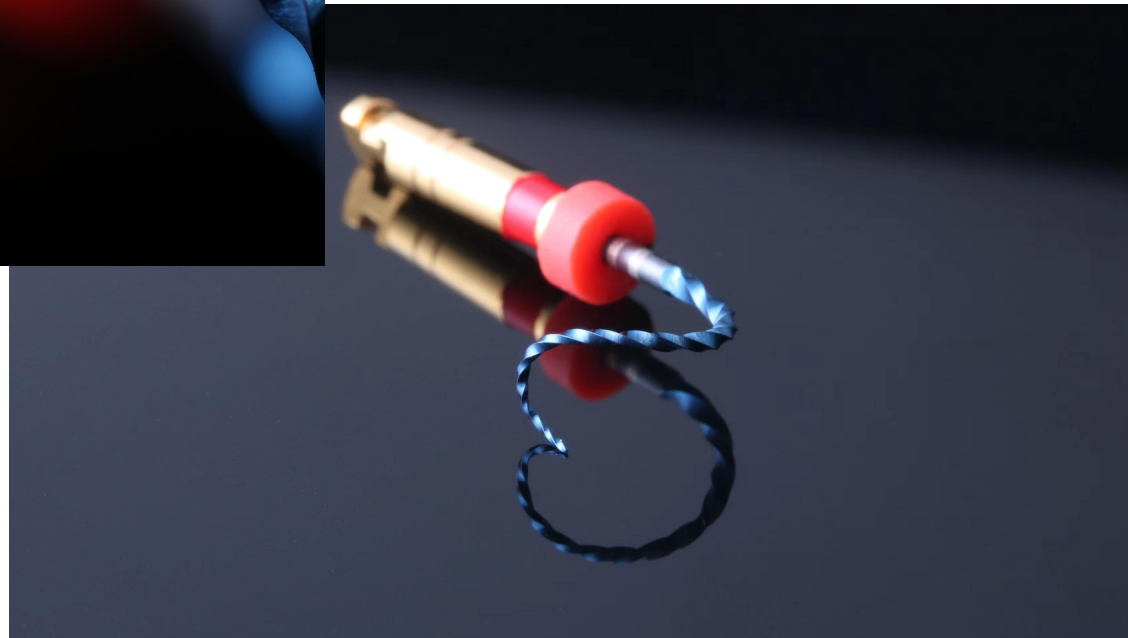
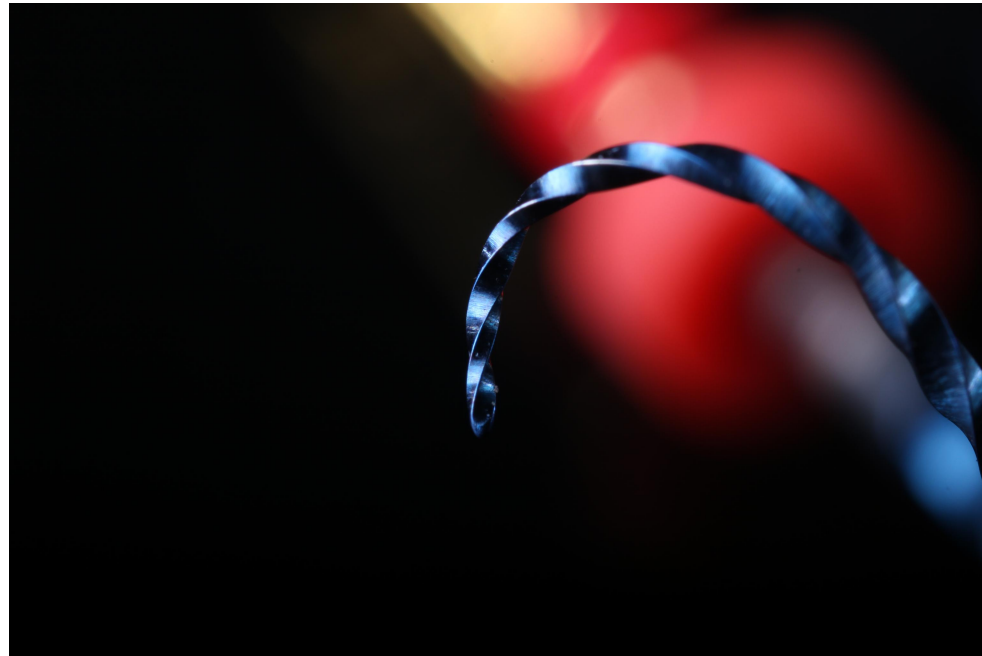
G3

off center design cross section. Competible Protaper next:

1. Minimum contact with dentin;
2. Canal tracing Swagger, "snake effect"

MG3 Blue VS MG3

MG3 Blue the the update of
MG3, Heat treatment changed.
**Marstensite Behavior, control
memory effect**



Controlled Memory



No Restoring Forces

Marstensite Behavior
Except for #15/03

Adding the
supplement kits
#25/04
#30/04
#35/04



The new upgraded generation:

MG3

Vs

MG3II

MG3 NAVIGATE
P1 (#16/.02) , P2 (#19/.02)

MG3II integrate the previous two GLIDE Path files into PX (#15/.03) .Streamlining instruments, scientifically increase working efficiency. Particularly for Thin, long, curved root canals.



favorable helical

1 easier

- 1) Suitable for different levels dentist
Student, senior or professor
- 2) all sizes works until WL, (except for starter) due to the simply sequences.



non cutting tip

2 efficient

- 1) Combine the different cross section, change the traditional convex triangle to triangle. adequately removing triangles of dentine.

4 economic

because of the kits combines various functional files, pay less get more.

3 safer

- 1) Apply glide path files, better in negotiation with canal, reducing the fracture and over orifice enlargement
Coronal Flaring
- 2) memory control of wires guarantee the ability in residence to cycle fatigue

Thanks,

this is the is the last page, thank you for your time