



TREME FRACTURE RESISTANCE
TREME FLEXIBILITY



Dia-XFile™

Heat Treated Ni-Ti Rotary File System



DiaDent®

DiaDent Group International
www.diadent.com | 1.877.342.3368
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THE X FACTORS:



Enhanced Safety

- Convex triangular x-section reduces rotational friction and contact with canal wall
- Progressive decreasing % taper design enhances flexibility and safety
- Navigate calcified or severely curved canals with confidence and control
- Fracture resistance is 143% greater than Dia-PT™ Files
- High corrosion resistance with coated surface

Greater accessibility

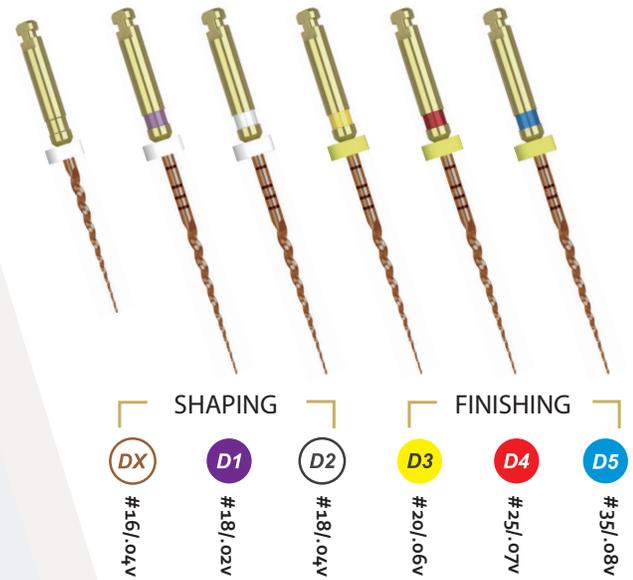
- Heat treated premium nickel titanium construction offers extreme flexibility
- 11 mm length handle offers improved accessibility to teeth
- Flat non-cutting file tip efficiently removes debris and soft tissue

Highly Integrable

- Designed to work interchangeably with your current technique and system
- Predictable results every time
- Perfect shape-matching gutta percha and paper points: Dia-ProT™

Dia-X™ File

- RECOMMENDED SPEED : 250~350 RPM
- RECOMMENDED TORQUE : 2~3 NCM

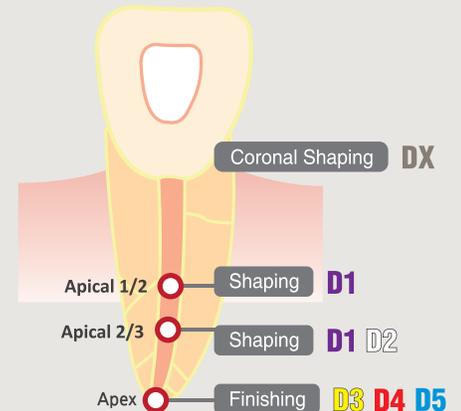
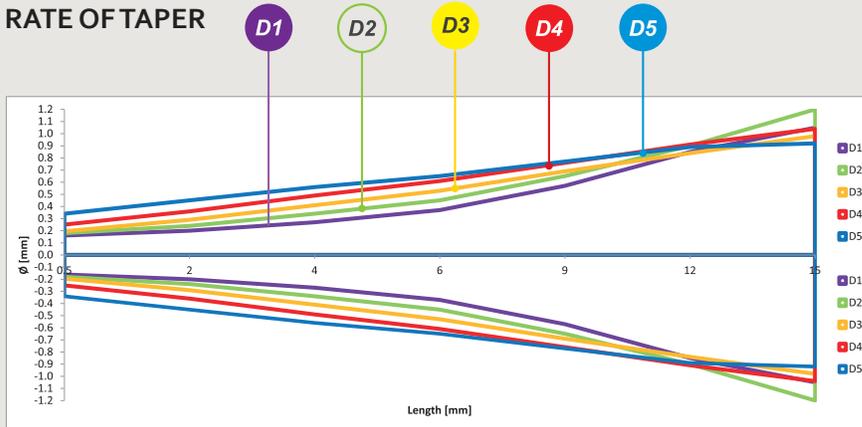


ORDER INFORMATION

Size	19MM	21MM	25MM
#DX	571-100		
#D1		571-101	571-201
#D2		571-102	571-202
#D3		571-103	571-203
#D4		571-104	571-204
#D5		571-105	571-205
#Asst D1/D4		571-191	571-291

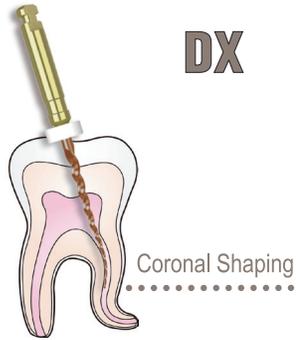
(Pkg. of 4)

RATE OF TAPER



1

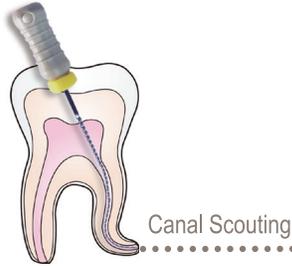
DX



Before the endo procedure, disinfect inside of the canals using EDTA. Use DX File to shape the coronal section and enlarge the opening of the canal.

2

K-File



Determine the working length with an X-ray and scout the canal space using K-Files #8 and #10.

3

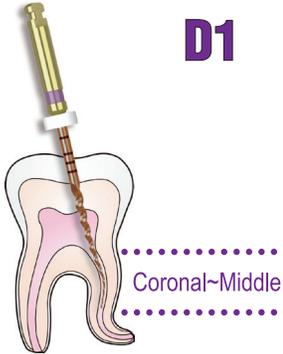
K-File



Follow the glide path using K-File #15 and enlarge the opening of the canal.

4

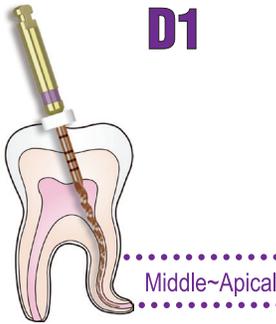
D1



D1 expands the glide path and enlarges to widen the coronal section. Irrigate with NaOCl before engaging the file. Shape the middle part of the coronal section using D1 File.

5

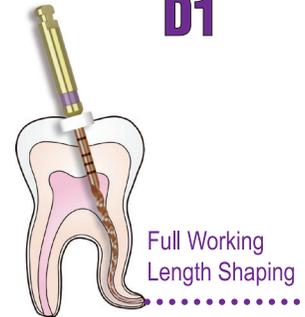
D1



Continue shaping the middle and apical portions with D1 file using gentle force to brush laterally. Cut the dentin on the outstroke to improve straight-line access and apical progression.

6

D1



After providing adequate irrigation, continue shaping the rest of the section (up to the apex) using D1 File.

7

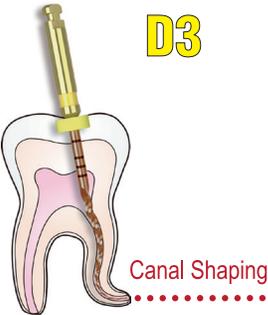
D2



D2 enlarges to the apical 2/3. Shape the canal section with a gentle brushing action using D2 File. Confirm working length frequently, especially when shaping severely curved canals.

8

D3



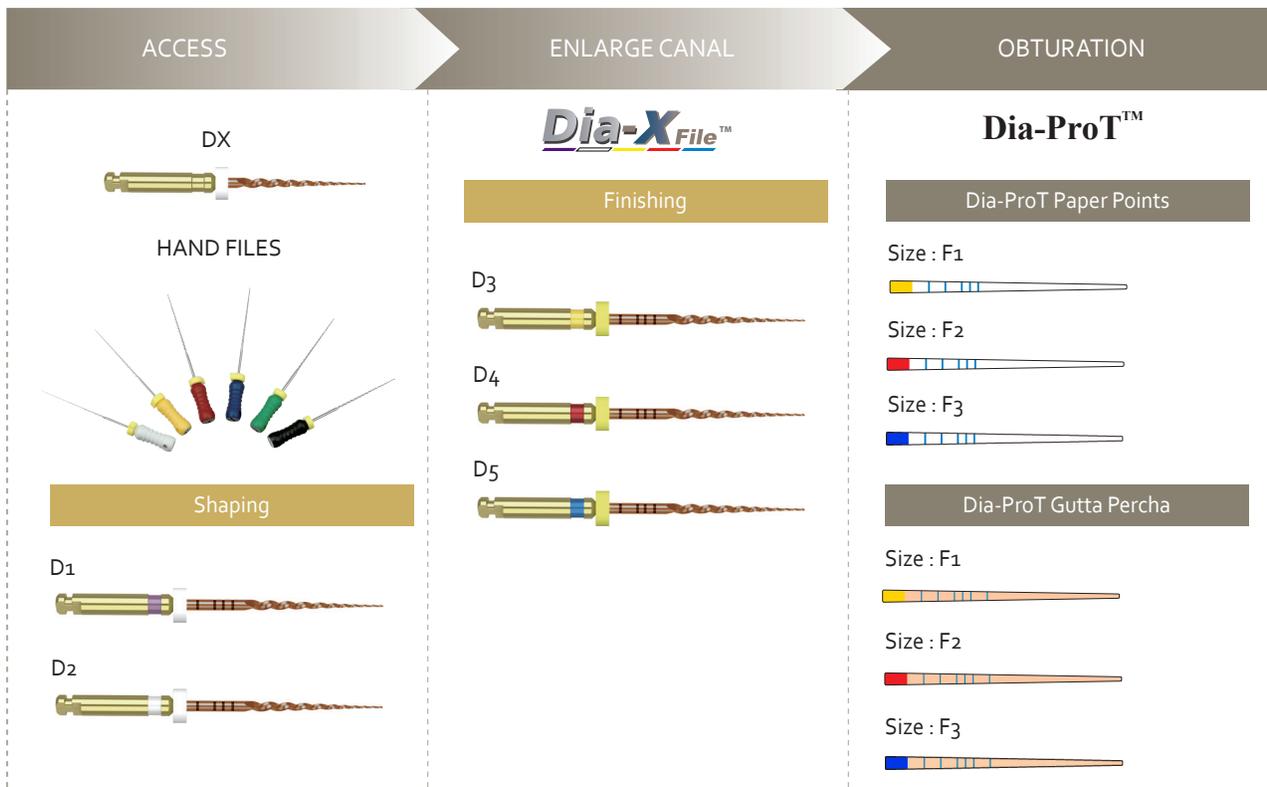
Shape down to the apex using D3 File with an in-and-out pecking motion. Finish shaping when it matches the size of K-File #20.

9

D4, D5



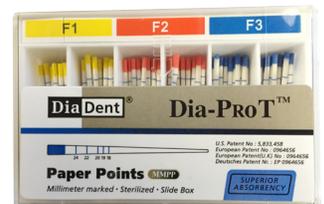
If the apex is larger than hand file #20, continue shaping with D4 (if #20 hand file is loose at length) and/or D5 (if #25 hand file is loose at length).



Dia-X DX: Access File (19mm)
 Dia-X D1: ProTaper® S1
 Dia-X D2: ProTaper® S2
 Dia-X D3: ProTaper® F1
 Dia-X D4: ProTaper® F2
 Dia-X D5: ProTaper® F3

Use exactly like ProTaper® Gold

Dia-ProT™ Gutta Percha & Paper Points (Millimeter-Marked)



TIPS

- Inspect files for distortion or wear, such as uneven flutes, dull spots or bending
- Lubricate files generously with Dia-Prep™ Pro
- Remove the debris from the flutes before continuing
- Irrigate and re-irrigate after using each rotary file
- Use very light pressure. Never force instruments to working length
- Use the files for no more than one or two seconds in the canal
- Autoclave files after each use

Dia-ProT Gutta Percha (60/box)

- ML150-S601 F1 (matches D3)
- ML150-S602 F2 (matches D4)
- ML150-S603 F3 (matches D5)
- ML150-S691 Asst (F1/F2/F3)

Dia-ProT Paper Points (100/box)

- MP250-S601 F1
- MP250-S602 F2
- MP250-S603 F3
- MP250-S691 Asst(F1/F2/F3)

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