

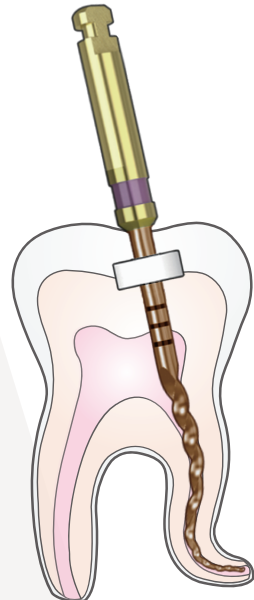


TREME FRACTURE RESISTANCE
TREME FLEXIBILITY



Dia-X File™

Heat Treated Ni-Ti Rotary File System



DiaDent®

DiaDent Group International
www.diadent.com | 1.877.342.3368
Follow us on FACEBOOK



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

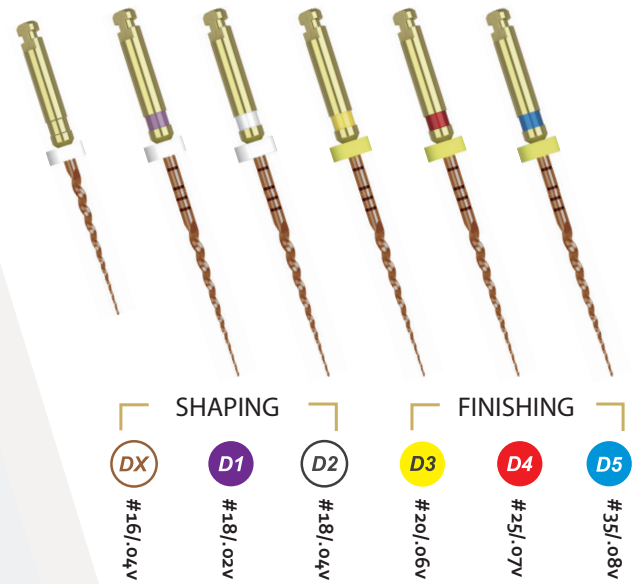
- Heat treated premium nickel titanium construction offers extreme flexibility
- 11 mm length handle offers improved accessibility to teeth
- Flat non-cutting file tip efficiently removes debris and soft tissue

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

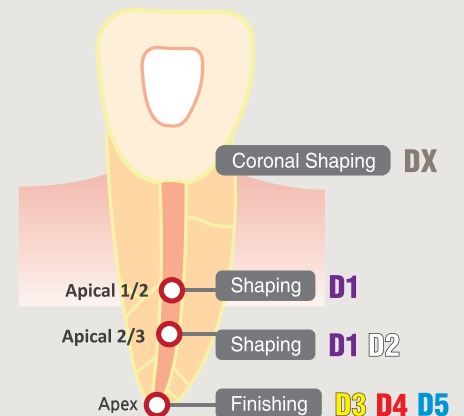
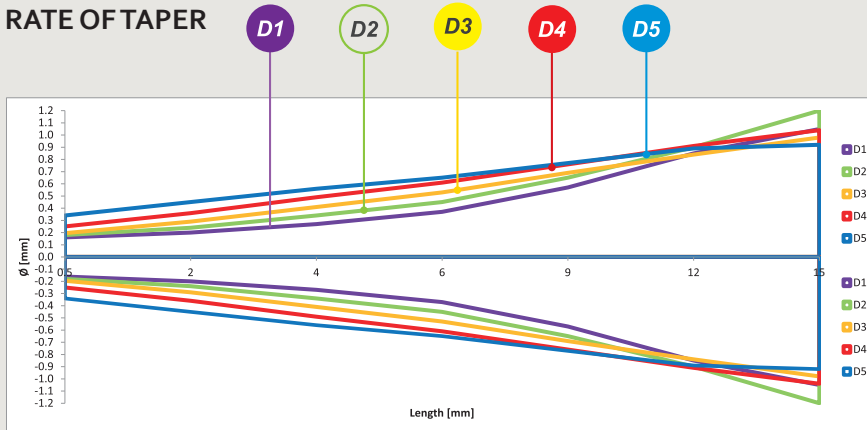


ORDER INFORMATION

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

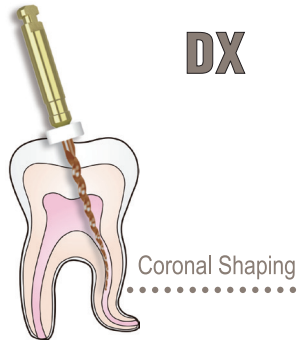
(Pkg. of 4)

RATE OF TAPER



1

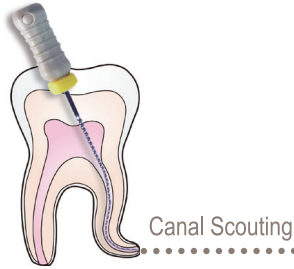
DX



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

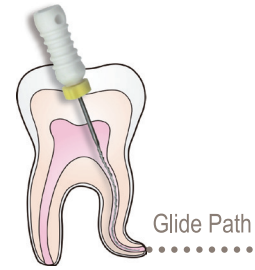
K-File



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

3

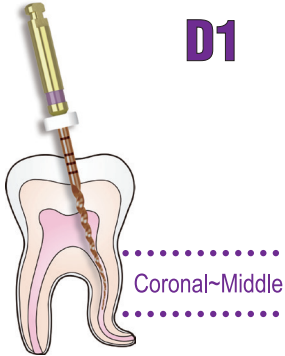
K-File



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

4

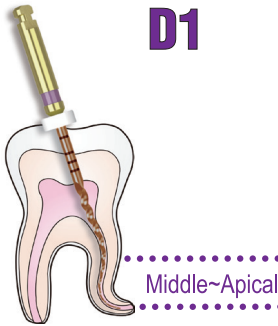
D1



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

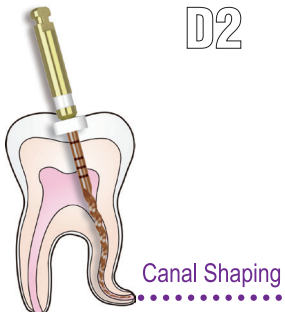
D1



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

7

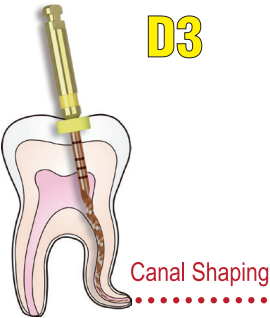
D2



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

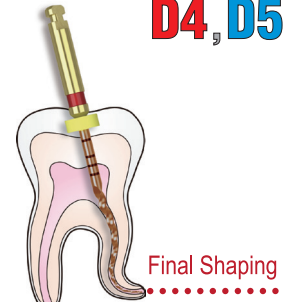
D3



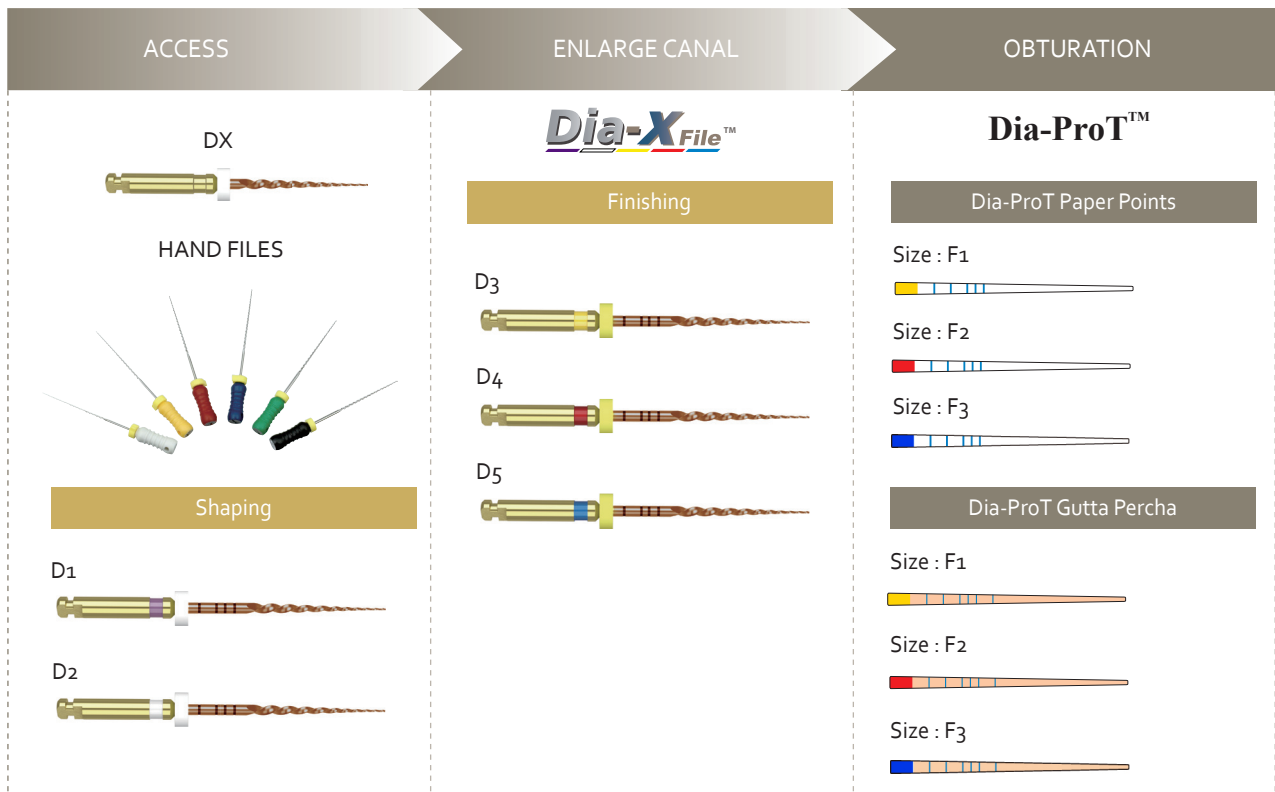
Shape down to the apex using D3 File with an in-and-out pecking motion. Finish shaping when it matches the size of K-File #20.

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).



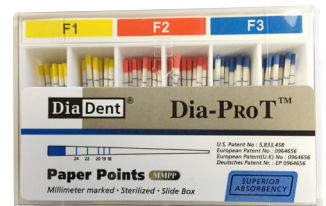
Dia-X DX: Access File (19mm)
 Dia-X D1: ProTaper® S1
 Dia-X D2: ProTaper® S2
 Dia-X D3: ProTaper® F1
 Dia-X D4: ProTaper® F2
 Dia-X D5: ProTaper® F3

Use exactly like ProTaper® Gold

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 & Paper Points (Millimeter-Marked)



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)

*ProTaper® is a registered trademark of Dentsply Tulsa Dental Specialties Inc.

ENDODONTIC INSTRUMENTS



FILE	Features
Dia-Probe	<ul style="list-style-type: none"> • Stiff canal probing file available in 21 mm and 25 mm. Tip size #12 • Minimal taper at 1% helps to perform intermediate steps in calcified or curved canals • Square section increases safety and resistance to distortion • Provides consistent tactile feedback throughout procedure
Dia-Spiral Filler	<ul style="list-style-type: none"> • An engine driven paste filler that has consistently spaced spirals to evenly distribute root canal sealer and cement in the root canal system • Conical shape made from ground wire and made of high grade stainless steel with gradual spirals • Available in 21 mm and 25 mm. Tip Size #25 - #40
Gates Glidden Drills & Peeso Reamer	<ul style="list-style-type: none"> • Save time and effectively create an excellent access point for reamers and files • Sizing circle ring is coded on the shank • Superior stainless steel with improved cutting capacity • Available in 28 mm and 32 mm. Size #1 - #6
Dia-Kondensor (Condenser)	<ul style="list-style-type: none"> • Double ended: Nickel Titanium and Stainless Steel • ISO sized: compatible with ISO standard files and obturation material • Ergonomic and lightweight design with dimpled finger rest • Markings on tip to indicate pulp length • Gradual .02 taper to enhance tactile feedback to prevent root fracture
K-Files/H-Files/ Reamers/Barbed Broaches	<ul style="list-style-type: none"> • Available in both Stainless Steel and Nickel Titanium • Exceeds all ISO/ADA specification • Blister package available for NiTi files • Pre-inserted endo stops



*Flexibility & Strength,
Combined in one...*

NiTi Endodontic Files

Nickel Titanium Hand Files



Increased Flexibility

Ni Ti shaft is made of premium nickel-titanium with five times the flexibility compared to stainless steel files.

Strength

NiTi has ten times the stress resistance compared to stainless steel files.

Convenience

Produces smooth and progressive enlargement of root canal.
NiTi follows existing canal path and has memory so there is no need to pre-bend the files.

Efficiency

Color coded handles and pre-inserted silicone stops.

Safety

NiTi resists spontaneous breakage.
Increased angular rotation reduces fracture.
NiTi decreases zipping and stripping.

Easy Identification

Symbol on the handle:



K-Files



H-Files



Reamers

DiaDent Group International

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f: 604-451-8865
tf: 1-877-342-3368
www.facebook.com/diadent

Available Sizes:

- K-Files (6/box): #8 - #80 in 21, 25 and 31mm
- H-Files (6/box): #8 - #80 in 21, 25 and 31mm
- Reamers (6/box): #8 - #80 in 21, 25 and 31mm



Serving you worldwide.

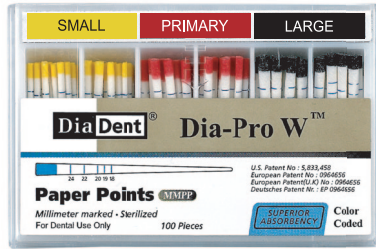
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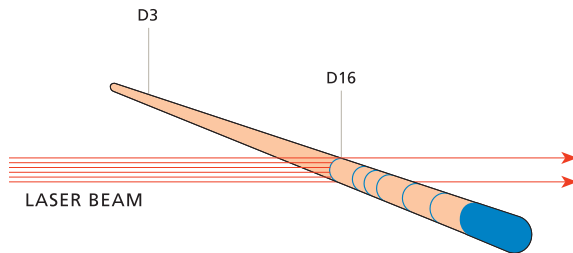


NEW!

Dia-Pro W™ Gutta Percha & Paper Points



- New from DiaDent! Complements **WaveOne®** Files
- Patented inspection machine to check diameter accuracy
- One hand slide open package
- Smooth, rounded, and bullet shaped tips
- Readily conforms to shape of the canal
- Optimal apical seal



GP/PP REFERENCE GUIDE

IF YOU USE:	TRY:
Profile ISO® Rotary Files	Dia-ISO GT /Dia-ProISO GT
WaveOne® Files	Dia-Pro W (Small, Primary, Large) *NEW*
ProTaper® Files	Dia-Pro T (F1, F2, F3, F4, F5)
Twisted Files (TF)	Dia-T
Profile® Series 29® Files	Dia-PRO (o4, o6 Taper)
ProSystem GT® or ProFile GT® Files	Dia-System GTP (#20, #30, #40)
Profile GT® Hand Files	Dia-GTP
Shaping Files	Dia-FIT
Oversized for longer/animal canals	Dia-VET (35mm, 45mm, 60mm)
Auxiliary points for master cone technique	Feathered Tip (extra fine taper)
Cordless Obturation and Compaction System	Dia-Gun™ and Dia-Pen™