



## Endodontics

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For better dentistry

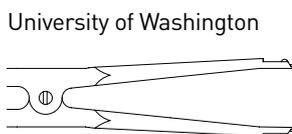
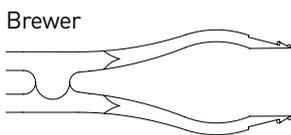
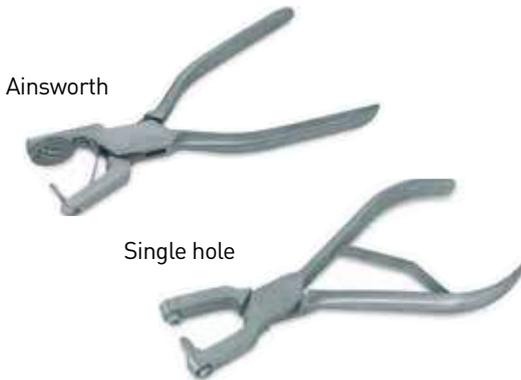
**DENTSPLY**



**WE  
KNOW  
ENDO.**

# Endodontics

## Rubber Dam



Product Code

### Ash® Rubber Dam

Young's Style Plastic Rubber Dam Frame	62499059
Young's Style Stainless Steel Rubber Dam Frame	62499057

Green Squares, Ash		
Box 36	Medium	62409102
	Heavy	62409112

DH Rubber Dam,		
Pkt 36	Green	254965
	Blue	254966

Rubber Dam Starter Kit	62411101
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Includes:

- 5 Clamps (AW, BW, C, DW and EW)
- 1 Brewer Forceps
- 1 Ash 1.93mm Punch
- 1 Sterilisation Tray
- Young's Style Plastic Rubber Dam Frame
- Heavy Green Rubber Dam Material

### Ash Rubber Dam Punches and Replacement Parts

Rubber Dam Punches		
	Ainsworth, 5 Hole	62410001
	Single Reg Hole, 1.63mm	62410020
	Single Large Hole, 1.93mm	62410021

### Ash Rubber Dam Forceps

Brewer Pattern Clamp Forceps	62203030
University of Washington Clamp Forceps	62203020

### Ash Rubber Dam Clamps

A	62408601
AW	62408602
BW	62408603
C	62408604
DW	62408605
E	62408606
EW	62408607
FW	62408608
G	62408609
GW	62408610
HW	62408611
JW	62408612
K	62408613
L	62408614
M	62408615
NW	62408616
PW	62408617

**Endodontic Access**



Product Code

**Cavity Access Z Set**

The Cavity Access Z Set is a simple kit composed of 5 burs and 1 special Gates drill to cover all clinical cases.

The access cavity is the first step of any treatment or retreatment process and the quality of the preparation has a significant influence on the efficiency of the root canal treatment and its success rate. The Cavity Access Z Set, developed in conjunction with Dr. Ruddle, Dr. Machtou and Dr. West offers an improved method for access preparation in a single package. The kit allows the fast and effective removal of the whole pulp roof in order to gain easy and direct access to all root canals. In addition, the kit allows for the preparation of an irrigation reservoir during the root canal treatment.



- Cavity Access Z Set - (6 instruments - see table below) A305Z00000000
- Cavity Access Z Refill Set - (6 instruments - see table below) A305Z00000100

Refills:

- Cavity Round Diamond bur 016 - (6 pack) F000134201600
- Transmetal bur cylindrical 19mm - (1 pack) E015334101200
- Cavity Round Carbide bur 010 - (5 pack) E012337101000
- Cavity Round Carbide bur 014 - (5 pack) E012337101400
- Endo-Z bur - (1 pack) E015234100000
- Cavity X-Gates 32mm - (6 pack) A000824000700

The Cavity Access Z Set and Cavity Access Z Refill Set contain the following burs:

Product	Use	Action of use
Diamond Round FG 016	Used in cases with a ceramic crown or bridge to open the crown until the metal frame is reached	Use with a light brush cutting action under water spray to progressively sand away and eliminate tooth colour restoratives. 120,000 - 160,000 rpm
Transmetal FG 19mm 012	Used to remove the metal frame of crowns or bridges	Cut through the metal with the side of the bur for increased comfort and efficiency. 150,000 - 200,000 rpm
Carbide Round FG 25mm 010	Used on anterior and bicuspid teeth to remove dentine until the cavity access floor is reached	Use with a light brush cutting action to move progressively deeper into the clinical crown of the tooth, enter the pulp chamber and remove all unsupported dentine overlying the pulpal roof. 250,000 - 300,000 rpm
Carbide Round FG 25mm 014	Used on molar teeth to remove dentine until the cavity access floor is reached	Use like the carbide round FG 010 but at a speed of 150,000 - 200,000 rpm
Endo Z bur FG	This carbide bur has a non-cutting tip that enables finishing of the cavity walls without damaging the chamber floor	The Endo Z bur should be used to expand the access cavity and finish the axial walls at a speed of 160,000 - 300,000 rpm
X-Gates RA 32mm	Combines shapes of Gates Glidden drill 1 to 4 in order to flare the orifice to gain direct and straight access to canals	Use with a brush cutting action. The shaft of the X-Gates should be arched so the cutting flutes selectively cut dentine on the outstroke and to intentionally relocate the canal away from an external root concavity. 500 - 700 rpm

# Endodontics

## Endodontic Access

**MAILLEFER**

Reference Number / Product Code

### Tungsten Carbide Transmetal Bur

Spiral drill with extra-fine cross cut, guaranteeing effective debris evacuation. Due to their efficiency, Tungsten Carbide Metal Burs are specially recommended for cutting crowns and bridges (gold, nickel-chromium and other non-precious alloys), for endodontic access.



Transmetal, Cylinder (x1)

19mm  
25mm

E015334101200  
E015337101200



Transmetal, Pear (x1)

19mm  
25mm

E015434101200  
E015437101000

### Tungsten Carbide Surgical Bur

The Tungsten Carbide Surgical Bur is laterally active at the end by means of its hemispherical, cutting tip and it experiences no vibrations on account of its 6 helical cutting edges. This bur is used for sectioning an impacted wisdom tooth prior to its extraction, separating roots, removing a broken root stump, cutting a tooth horizontally at neck level and endodontic access.



Zekrya Multipurpose Bur (x1)

E015134100000

### Tungsten Carbide Bur

This bur has a long, conical head for reaching all pulp cavities and 6 helical cutting edges, that provide smooth and vibration-free operation when assisting debris evacuation. It has a non-cutting extremity to avoid perforating the "floor" of the pulp chamber or the root walls. This bur is ideal for the funnel-shaped opening of the pulp cavity to provide access to the root orifices. This bur is gold-plated to prevent confusion with the Zekrya bur.



Endo-Z Bur (x1)

E015234100000

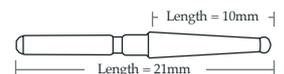
### Endo Access Bur

Featuring a special diamond coating to reduce gauging, this bur's tip matches round bur sizes for initial penetration, while it's diamond shaft flares the pulp chamber.

Ref: A0164



Pack Options	Size	<b>1</b>	<b>2</b>	<b>3</b>
		ø1.1 mm	ø1.5 mm	ø1.8 mm
	Individual Bur Packs FG	x1	x1	x1



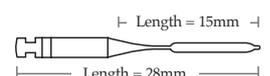
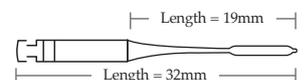
### Peeso Reamer

Peeso Reamers are used to enlarge the cervical portion of the root canal and prepare the root canal entrance. They can be used in any rotating contra-angle handpiece.

Ref: A0009



Pack Options	Size	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
		ø0.7 mm	ø0.9 mm	ø1.1 mm	ø1.3 mm	ø1.5 mm	ø1.7 mm
	Assorted 1-6 Pack	x1	x1	x1	x1	x1	x1
Individual Pack		x6	x6	x6	x6	x6	x6



**Endodontic Access**



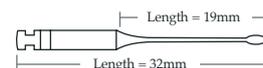
Reference Number / Product Code

**Cavity X-Gates Drill**

A unique instrument that combines Gates Glidden drills 1, 2, 3 and 4 in one single efficient instrument with maximum efficiency.



A000824000700



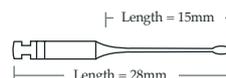
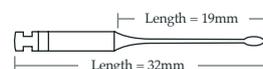
**Gates Glidden Drill**

Gates Glidden drills are used to enlarge the upper portion of the root canal. They can be used with any rotating contra-angle handpiece.



Pack Options	Size	1	2	3	4	5	6
			ø0.5 mm	ø0.7 mm	ø0.9 mm	ø1.1 mm	ø1.3 mm
Assorted 1-6 Pack		x1	x1	x1	x1	x1	x1
Individual Pack		x6	x6	x6	x6	x6	x6

Ref: A0008



**Start-X™ Ultrasonic Tips - Cavity Access Refinement and Orifice Location**

A well prepared access cavity and the location of canal openings are recognised as key factors in the success of endodontic treatments. The use of ultrasonic inserts is advised for these applications because they offer increased working precision and an improved view of the operative field. Start-X Ultrasonic Tips, developed in conjunction with Dr. Berutti, Dr. Cantatore and Dr. Castellucci, are based on a simple concept: One -Tip - One Clinical Indication and have been specifically designed for cavity refinement and canal orifice location.

Start-X tip clinical application:

- Start-X #1. Access cavity wall refinement
- Start-X #2. MB2 canal scouter
- Start-X #3. Canal openings scouter
- Start-X #4. Metal post removal
- Start-X #5. Reveals the original pulp chamber floor anatomy



Pack Options	Tip No START-X	1	2	3	4	5	Reference Number	
Individual Packs		x1					A 0661-1	A 0660-2
			x1				A 0661-2	A 0660-2
				x1			A 0661-3	A 0660-3
					x1		A 0661-4	A 0660-4
						x1	A 0661-5	A 0660-5
Assorted 1-5 Pack		x1	x1	x1	x1	x1	A066100090000	A066000090000

**Glide Path**

**PathFile™ - Mechanical Glide Path Files**

PathFiles are rotary NiTi files that are used to create a mechanical glide path and preflare the canal, a task that is normally carried out with stainless steel hand files. Because of the relative stiffness of stainless steel instruments, it can be difficult to avoid the risk of canal transportation, ledges and apical zipping. Flexible and resistant to cyclic fatigue, PathFiles can offer a number of advantages compared to manual solutions.



Pack Options	Tip ISO Size	013	016	019
Assorted Tips 013-019 Pack		x2	x2	x2
Individual Tips Pack		x6	x6	x6
Length: 21mm, 25mm and 31mm				

Ref: A00152

# Endodontics

## Hand Instruments

**MAILLEFER**

Reference Number

### Senseus™ ProFinder™

Root Canal Catheterization File

Ref: A1013

ProFinder features a minimal variable taper, for root canal catheterization.

- The file features a square cross-section with increased taper in the tip region, providing increased buckling resistance
- Minimal taper behind the tip region provides higher instrument flexibility
- Easier to establish the glide path
- Faster and more efficient negotiation of difficult or calcified canals
- Easier penetration of canals



Pack Options	Tip ISO Size	010	013	017
	Assorted Tips 010-017 Pack	x2	x2	x2
	Individual Tips Pack	x6	x6	x6
Length: 21mm and 25mm				

### Senseus™ FlexoFile®

Senseus FlexoFile instruments feature a special silicone handle. This large, ergonomic handle provides comfort and excellent tactile feedback. It has x-ray-visible calibration rings that help improve accuracy and diagnostics, and a stainless steel triangular-core file and safe-ended Batt® Tip.

Ref: A1012

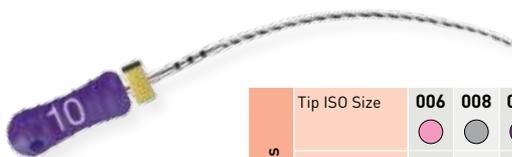


Pack Options	Tip ISO Size	006	008	010	015	020	025	030	035	040	045	050	055	060	070	080
	Assorted Tips 015-040 Pack				x1	x1	x1	x1	x1	x1						
	Assorted Tips 045-080 Pack										x1	x1	x1	x1	x1	x1
Individual Tips Pack	x6	x6	x6	x6	x6	x6	x6	x6	x6	x6	x6	x6	x6	x6	x6	x6
Length: 21mm, 25mm and 31mm																

### C+ Files

The ideal hand files for the initial instrumentation of root canals. C+ Files have stronger buckling resistance compared to K-Files, that provides easier location of the canal orifices and easier access to the apical third. There is also better negotiation of calcifications and a better tactile feel. C+ Files have a depth gauge making it easier to determine working length when working with X-rays. The pyramid shaped tip makes insertion easier during instrumentation and the square sectioned file allows for better resistance to distortion. In addition, the polished surface of the C+ File allows for better removal of debris as well as a smoother insertion of the instrument in the canal.

Ref: A012X



Pack Options	Tip ISO Size	006	008	010	015
	Assorted Tips 008-015 Pack*		x2	x2	x2
	Individual Tips Pack	x6	x6	x6	x6
Length: 18mm, 21mm and 25mm					
[* Not available in 18mm length]					

**Hand Instruments**



Reference Number

**Flexofile®**

These Maillefer stainless steel files have outstanding flexibility, cutting efficiency and a non-slip handle. Indicated for curved and narrow root canals, Flexofiles have a unique non-cutting "Batt™ Tip" that avoids ledging and perforation of curved canals.

Ref: A012C



Pack Options	Tip ISO Size	006	008	010	015	020	025	030	035	040	045	050	055	060	070	080
	Assorted Tips, 21 & 25mm 015-040 Pack				x1	x1	x1	x1	x1							
Assorted Tips, 21 & 25mm 045-080 Pack											x1	x1	x1	x1	x1	x1
Individual Tips Packs 21 & 25mm		x6	x6*	x6	x6	x6	x6	x6	x6							
Individual Tips Packs 31mm					x6	x6	x6	x6	x6	x6						
Length: 21mm, 25mm and 31mm																
(* Not available in 21mm length)																

**K-File**

The Maillefer K-File has a good cutting efficiency for straight root canals. Non-slip handles provide excellent grip and tactile responsiveness from the canal.

Ref: A012D



Pack Options	Tip ISO Size	006	008	010	015	020	025	030	035	040	045	050	055	060	070	080	090	100	110	120	130	140	
	Assorted Tips 015-040 Pack				x1	x1	x1	x1	x1	x1													
Assorted Tips 045-080 Pack											x1	x1	x1	x1	x1	x1							
Individual Tips Pack		x6	x6																				
Length: 21mm, 25mm and 31mm. (* Not available in 21mm and 31mm individual packs) / (* Not available in 25mm individual packs)																							

**K-File Golden Medium**

The Golden Medium Flexofiles provide a more gradual size increase than the most commonly used range of files. These files have a "Batt™ Tip" that assists in reducing apical transportation and breakage from binding in the root canal.

Ref: A012I



Pack Options	Tip ISO Size	012	017	022	027	032	037
	Assorted Tips 012-037 Pack		x1	x1	x1	x1	x1
Individual Tips Pack		x6	x6	x6	x6	x6	x6
Length: 21mm and 25mm							

# Endodontics

## Hand Instruments

**MAILLEFER**

Reference Number

### K-Reamer

The Maillefer K-Reamer offers precise handling and excellent cutting characteristics, as well as the ability to remove excess debris and gutta-percha from the canal.

Ref: A011D



Pack Options	Tip ISO Size	008	010	015	020	025	030	035	040	045	050	055	060	070	080	090	100	
	Assorted Tips 015-040 Pack**			x1	x1	x1	x1	x1	x1									
	Assorted Tips 045-080 Pack**									x1	x1	x1	x1	x1	x1			
Individual Tips Pack		x6	x6**	x6**	x6**	x6**	x6**	x6*	x6*	x6*	x6**							

Length: 21mm, 25mm and 31mm. [\* Available in 31mm length] / [\* Not available in 21mm and 31mm lengths] / [\*\* Not available in 31mm lengths] / [Not available in 25mm lengths]

### Hedstroem File

The Hedstroem File offers aggressive cutting efficiency, but with less chance of file breakage because of the greater strength provided by its thicker core. Cuts only on the upward stroke, pulling debris away from the apex.

Ref: A016D



Pack Options	Tip ISO Size	008	010	015	020	025	030	035	040	045	050	055	060	070	080	090	100	110	120	130	140	
	Assorted Tips 015-040 Pack			x1	x1	x1	x1	x1	x1													
	Assorted Tips 045-080 Pack										x1	x1	x1	x1	x1	x1						
Individual Tips Pack		x6	x6**	x6**	x6*	x6*																

Length: 21mm, 25mm and 31mm [\* Tip size 130 and 140 not available in 21mm and 31mm lengths] / [\*\* Not available in 21mm lengths]

### Nitiflex® File

Nickel Titanium Files are specially formulated for flexible strength. They also feature "Batt™ Tips" and non-slip plastic handles. The "Batt Tips" minimise perforation or wandering, to assist in avoiding root canal deformation.

Ref: A012N



Pack Options	Tip ISO Size	015	020	025	030	035	040	045	050	055	060
	Assorted Tips 015-040 Pack	x1	x1	x1	x1	x1	x1				
	Individual Tips Pack	x6									

Length: 21mm and 25mm

**Hand Instruments**



Reference Number / Product Code

**ProTaper® Universal for Hand Use**

ProTaper Universal for hand use are ideal for simple and efficient cleaning and shaping of root canals, particularly highly curved or calcified canals.

They have exactly the same file design as the ProTaper Universal rotary file and are therefore a good stepping-stone for clinicians looking to progress from hand filing to rotary, as well as being a good alternative to stainless steel hand files. In addition, they compliment the ProTaper Universal rotary files for use in more difficult cases, even for the most confident clinicians.

ProTaper Universal for hand use feature silicone handles which provide better tactile sensation and greater working comfort than traditional plastic handles.

Assortment Pack  
(SX, S1, S2, F1, F2, F3) 21/25 and 31mm

Ref: A0418



- S1  21, 25, 31mm Ref: A0416
- S2  Ref: A0416
- F1  Ref: A0417
- F2  Ref: A0417
- F3  Ref: A0417
- F4  Ref: A0417
- F5  Ref: A0417
- SX  19mm Ref: A0416

**Barbed Broaches**

Barbed broaches are made from specially formulated steel. They have plastic handles and are 21mm in length.

Ref: A004B



Pack Options	Tip ISO Size	020	025	030	035	040	050	060
								
		XXXXF	XXXF	XXF	XF	F	M	C
Assorted Tips		x1	x1	x1	x1	x2	x1	x1
Individual Tips Pack		x10	x10	x10	x10	x10	x10	x10
Length: 21mm								

**Micro Debridors/Openers**

Micro Openers and Debridors are flexible, stainless steel instruments made for working with a microscope or other forms of magnification. They provide improved access to posterior teeth. Micro Debridors are designed for instrumenting difficult access canals or when visualisation of the canal is difficult.



Micro Debridors (x3)	#20, .02 Taper	A035300000100
	#30, .02 Taper	A035300000200
Micro Openers (x3)	#10, .04 Taper	A035000000100
	#15, .04 Taper	A035000000200
	#10, .06 Taper	A035000000300

# Endodontics

## Endodontic Motors

**MAILLEFER**

Product Code

### X-Smart™ Plus – Endodontic Motor

X-Smart Plus is the endo motor of choice for General Dental Practitioners performing root canal treatments with the reciprocating, single file technique or traditional continuous rotation file systems. It enables the practitioner to fully focus on the patient and the treatment due to its simplicity of use, as well as the excellent visibility and access with the miniature contra-angle attachment. It is powered by rechargeable batteries with a speed range of 250 – 1,200 rpm and a torque range from 0.6 – 4.0 Ncm (with a 6:1 handpiece).



#### X-Smart Plus with contra-angle

A10320000000

Includes:

- 1 Control unit
- 1 Motor handpiece
- 1 Contra angle head (6:1)
- 1 Handpiece stand
- 1 Charger
- 1 Torque card
- 1 DFU



#### X-Smart Plus Endodontic Motor and WaveOne™ Kit

A103510000000

Includes:

- 1 Control unit
- 1 Motor handpiece
- 1 Contra angle head (6:1)
- 1 Handpiece stand
- 1 Charger
- 1 Torque card
- 1 DFU
- 5 Packs of WaveOne Primary Files, 25mm (3 files per pack)
- 5 Packs of WaveOne Assorted Files, 25mm (3 files per pack)
- 1 Pack of PathFiles Assorted pack, 25mm (6 files per pack)
- WaveOne DVD
- WaveOne sequence card

#### X-Smart Plus Accessories

X-Smart Plus 6:1 contra angle	A103300000000
X-Smart Plus battery	A100700000100
X-Smart Plus handpiece stand	A103400000400
Spray nozzle for X-Smart	A100700000500
X-Smart cleaning adaptor	A100700000600

**Endodontic Motors**

**MAILLEFER**

Product Code

**X-Smart™**

The X-Smart is a simple, reliable endodontic motor for the Dental Practitioner doing rotary endodontics. The X-Smart is compact, lightweight and simple to use. It is powered by rechargeable batteries with a speed range from 120 to 800 r.p.m. and a torque range from 0.6 to 5.2 Ncm (with a 16:1 contra-angle handpiece).



X-Smart with contra-angle A10040000022

Includes:

- 1 Control Unit
- 1 Motor handpiece
- 1 Contra angle head (16:1)
- 1 Handpiece stand
- 1 Charger
- 1 Torque card
- 1 DFU

X-Smart Accessories

X-Smart handpiece	A100500000100
X-Smart contra angle 16:1 head	A100601600000
X-Smart battery	A100700000100
X-Smart AC adaptor	A100700000222
X-Smart handpiece stand	A100700000300
Spray nozzle for X-Smart	A100700000500
X-Smart cleaning adaptor	A100700000600

**Apex Locator**

**ProPex II®**

The ProPex II apex locator uses multi frequency technology enabling the location of the apical foramen with great precision under a wide range of canal conditions. The ProPex II has a compact, stable and easy handling design combined with a user friendly interface for ease of use. Files can be tracked visually on a large colour screen and an optional progressive audio signal compliments the colour LED screen and digital indicators. The ProPex II is powered by a rechargeable battery, thus eliminating the need for frequent battery replacement.



ProPex II A102800000100

Includes:

- 1 Control Unit
- 1 User manual
- 1 Measuring wire
- 2 Lip clips
- 2 Connection hooks (File holder)
- 2 ProPex II forks

ProPex II Accessories

• 2 ProPex II Forks	A102900000600
• 1 ProPex II Battery charger	A102900000700
• 1 ProPex II Measuring wire	A102900000500
• 5 ProPex II Lip clips	A102900000300
• 2 ProPex II Hooks (File holders)	A102900000400

# Endodontics

## Rotary Instruments

**MAILLEFER**

Product Code

### PROTAPER NEXT™ Treatment Files

The PROTAPER NEXT NiTi rotary file system is a convergence of the most proven and successful generational NiTi designs from the past, coupled with the most recent advances in technology. Together, the M-Wire NiTi material and the patented, off-centered rectangular cross-section of the variable tapered file give rise to numerous benefits. These include: improved file flexibility; decreased risk of file separation; a shorter clinical sequence versus ProTaper Universal; and better respect of the original root anatomy. For convenience, the files are packaged in pre-sterilised blister packs. Matching paper points, gutta percha points and GuttaCore obturators complete this innovative root canal treatment system.



	PROTAPER NEXT X1			
	File Ster. 21mm	017 .04	(3x Files)	A080322100103
	File Ster. 25mm	017 .04	(3x Files)	A080322500103
	File Ster. 31mm	017 .04	(3x Files)	A080323100103
	PROTAPER NEXT X2			
	File Ster. 21mm	025 .06	(3x Files)	A080322100203
	File Ster. 25mm	025 .06	(3x Files)	A080322500203
	File Ster. 31mm	025 .06	(3x Files)	A080323100203
	PROTAPER NEXT X3			
	File Ster. 21mm	030 .07	(3x Files)	A080322100303
	File Ster. 25mm	030 .07	(3x Files)	A080322500303
	File Ster. 31mm	030 .07	(3x Files)	A080323100303
	PROTAPER NEXT X4			
	File Ster. 21mm	040 .06	(3x Files)	A080322100403
	File Ster. 25mm	040 .06	(3x Files)	A080322500403
	File Ster. 31mm	040 .06	(3x Files)	A080323100403
	PROTAPER NEXT X5			
	File Ster. 21mm	050 .06	(3x Files)	A080322100503
	File Ster. 25mm	050 .06	(3x Files)	A080322500503
	File Ster. 31mm	050 .06	(3x Files)	A080323100503
	PROTAPER NEXT Assortment X1 - X3 (1 each)			
	Ass.X1-X3 Ster.21	(3x Files)		A08032219A003
	Ass.X1-X3 Ster.25	(3x Files)		A08032259A003
	Ass.X1-X3 Ster.31	(3x Files)		A08032319A003

PROTAPER NEXT files have variable tapers for an optimised crown-down technique. Measurements shown indicate file length, tip size and the taper at 1mm from the tip of the file.



Handles for hand instrumentation

6x Handles Assorted

A140900090000

## Rotary Instruments



Reference Number

### ProTaper® Universal Treatment Files

ProTaper Universal is one of the most popular endodontic Nickel Titanium systems in the world. The patented variable taper and advanced flute design of the ProTaper Universal File provide the flexibility and efficiency to achieve consistent, successful cleaning and shaping of the root canal system. The shaping files (SX, S1, S2) have increasingly larger tapers over the length of their cutting blades allowing each instrument to engage, cut and prepare a specific area of the canal. The finishing files (F1- F5) have been designed to optimally finish the apical one-third and they subtly and progressively expand the shape in the apical third of the canal.



		19 mm	21 mm	25 mm	31 mm		Reference Number
<b>Starter Kit</b>	SX, S1, S2, F1, F2 and F3 + Seq		●	●	●	x1	Ref: A04152
<b>Assortment</b>	SX, S1, S2, F1, F2 and F3		●	●	●	x1	Ref: A04092
<b>Shaping File X (SX)</b>		●				x6	Ref: A04102
<b>Shaping File 1 (S1)</b>			●	●	●	x6	Ref: A04102
<b>Shaping File 2 (S2)</b>			●	●	●	x6	Ref: A04102
<b>Finishing File 1 (F1)</b> Tip size 20/ variable taper			●	●	●	x6	Ref: A04112
<b>Finishing File 2 (F2)</b> Tip size 25/ variable taper			●	●	●	x6	Ref: A04112
<b>Finishing File 3 (F3)</b> Tip size 30/ variable taper			●	●	●	x6	Ref: A04112
<b>Finishing File 4 (F4)</b> Tip size 40/ variable taper			●	●	●	x6	Ref: A04112
<b>Finishing File 5 (F5)</b> Tip size 50/ variable taper			●	●	●	x6	Ref: A04112

## Reciprocating Instruments

### WaveOne™ Files

WaveOne NiTi files shape root canals using a reciprocating motion in conjunction with the X-Smart™ Plus motor. In most cases, canals are shaped with only one pre-sterilised WaveOne instrument (SMALL, PRIMARY or LARGE). WaveOne files are manufactured from the advanced NiTi alloy M-Wire. WaveOne is the perfect solution for those wishing to switch from hand files to a rotary based endodontic system.

- **Control** - The reciprocating technology of WaveOne means that it will only shape the canal when pressure is applied, giving you the feeling of complete control.
- **Simplicity** - WaveOne also simplifies the procedure, in most cases requiring just one NiTi instrument per root canal treatment.
- **Strength** - The M-Wire Nickel-Titanium technology provides overall flexibility and resistance to cyclic fatigue, the leading cause of file separation.

WaveOne File Size	WaveOne Files	21 mm	25 mm	31 mm		Reference Number
<b>Small:</b> Tip Size .21/6%		●	●	●	x3	Ref: A07002
<b>Primary:</b> Tip Size .25/ variable taper		●	●	●	x3	Ref: A07002
<b>Large:</b> Tip Size .40/ variable taper		●	●	●	x3	Ref: A07002
<b>Assorted</b>	Small x 1 / Primary x 1 / Large x 1	●	●	●	x3	Ref: A07002

\*Files are packaged sterile and come in blister packs of 3

\*Files are single use only



# Endodontics

## Rotary Instruments

**MAILLEFER**

Reference Number

### Vortex Blue™ Constant Tapered Files

DENTSPLY's Vortex Blue rotary NiTi files conform to natural curvatures and have greater resistance to cyclic fatigue, greater torque strength and reduced shape memory vs. ProFile Vortex\*. The distinctive blue colour of Vortex Blue is due to an optical effect, created by light rays interacting with a titanium oxide layer on the surface of the file. This layer is a result of DENTSPLY's proprietary processing of NiTi with the goal of optimum performance. The proprietary process reduces shape memory and once in the canal, Vortex Blue files follow the natural curvature of the tooth. The blue wire gives the files at least 65% greater resistance to cyclic fatigue versus M-Wire™ and at least 99% greater resistance vs. standard NiTi.\* They are available in 21mm, 25mm and 30mm lengths in sizes 15 to 50.

\*data on file



Tip Size	15	20	25	30	35	40	45	50
Individual Tips Packs	x6							
Assorted Tips Packs	x1	x1	x1	x1	x1	x1		

Length: 21mm, 25mm and 30mm

.04 Taper Ref: VTB04

.06 Taper Ref: VTB06

### ProFile® Vortex Constant Tapered Files

ProFile Vortex rotary files have the same shape as Vortex Blue files but are manufactured from M-Wire NiTi as opposed to blue wire NiTi. ProFile Vortex .04 Tapers are identified by their silver shank and single coloured band, according to the ISO size of the individual instrument. ProFile Vortex .06 Tapers are identified by their silver shank and two coloured bands according to the ISO size of each instrument. They are available in 21mm and 25mm lengths in sizes 15 to 50.

Ref: A15



Tip Size	15	20	25	30	35	40	45	50
Individual Tips Packs	x6							

Length: 21mm and 25mm

**Rotary Instruments**



Reference Number

**ProFile® Files**

ProFiles are designed to be used in a Crown Down technique and have a deep U-shaped cross section and a flat cutting edge known as a 'Radial Land'. The Radial Land planes the dentine wall rather than cutting in the conventional sense and tends to remain centred within the natural path of the canal helping to prevent the risk of 'zipping'. The U-shaped cross section, twisted into a spiral, helps to eliminate dentinal debris coronally. All ProFile instruments have a non-cutting tip.

**ProFile .04 Files**

ProFile .04 Tapers are identified by their silver shank and single coloured band, according to the ISO size of the individual instrument. They are available in 21mm, 25mm and 31mm lengths in sizes 15 to 45, 60 and 90.

Ref: A011N



Pack Options	Tip Size	15	20	25	30	35	40	45	60	90
			○	●	●	●	●	●	○	●
Assorted Tips 15-40 Pack		x1	x1	x1	x1	x1	x1			
Individual Tips Packs		x6								

Length: 21mm, 25mm and 31mm

**ProFile .06 Files**

ProFile .06 Tapers are identified by their silver shank and two coloured bands according to the ISO size of each instrument. They are made in 21mm and 25mm lengths and are available in sizes 15 to 40. According to the protocol adopted, they may be used on their own to prepare the entire root canal or in conjunction with Orifice Shapers and .04 tapers.

Ref: A0345



Pack Options	Tip Size	15	20	25	30	35	40
			○	●	●	●	●
Assorted Tips 15-40 Pack		x1	x1	x1	x1	x1	x1
Individual Tips Packs		x6	x6	x6	x6	x6	x6

Length: 21mm and 25mm

**ProFile Orifice Shapers**

Orifice Shapers have a silver shank and three coloured bands according to the size of the individual instrument. They are all 19mm long and are used for shaping the coronal third of the root canal.

Ref: A0359



Pack Options	Taper/Tip	1	2	3	4	5	6
			.05/20 ○	.06/20 ●	.06/40 ●	.07/50 ●	.08/60 ●
Assorted Tips 1-6 Pack		x1	x1	x1	x1	x1	x1
Individual Tips Packs		x6	x6	x6	x6	x6	x6

Length: 19mm

# Endodontics

## Rotary Instruments

MAILLEFER

### A rotary file system for every need

DENTSPLY offers a NiTi rotary endodontic file system for every need. Choose between the latest PROTAPER NEXT System, the reciprocating WaveOne System, or the constant tapered Vortex Blue File System with blue wire.



wave•one™



PROTAPER•NEXT™



VORTEX BLUE™

Use this table to discover which system best suits your needs:	WaveOne	PROTAPER NEXT	Vortex Blue
Patented, variable taper to decrease taper lock & screw-in effect and to increase efficiency*	✓	✓	
Constant tapered files (available in .04 and .06 tapers) with patented helical angles			✓
Advanced NiTi alloy for increased flexibility and increased resistance to cyclic fatigue (the leading cause of file separation)*	✓ M-Wire™	✓ M-Wire™	✓ blue wire
Reciprocating for 1 file technique with X-Smart™ Plus motor	✓		
Off-centred, rectangular cross-section for optimised root canal tracking and efficient removal of debris*		✓	
Number of files to get to ISO 25 or larger	1	2	1 but depends on technique used
3 different file lengths available in each system	21, 25 and 31mm	21, 25 and 31mm	21, 25 and 30mm
Pre-sterile packaging for ease of use	✓	✓	
Dedicated, matching warm obturation system available	WaveOne or GuttaCore™ Obturators	GuttaCore for PROTAPER NEXT Obturators	GuttaCore Obturators

\*Data on file.

**Irrigation and Medicaments**



Product Code

**EndoActivator® Irrigant Activator**

The EndoActivator from DENTSPLY Maillefer is a sonic device which uses cavitation and acoustic streaming to 'activate' irrigation solutions to assist in debridement and the disruption of the smear layer and biofilm.



EndoActivator System Kit A09110000000

Includes:

- EndoActivator Handpiece
- 1 x Small (25), Medium (25) and Large (25) Activator Tips (75 tips total).
- 1 x Barriers (100 barriers)
- Instructional DVD
- Sequence Card
- DFU

EndoActivator Tips

- Easy snap-on/snap-off design
- Strong, flexible, medical-grade polymer composition
- Colour-coded by size
- 22mm lengths with depth gauge rings at 18, 19 and 20mm.

EndoActivator Handpiece only A09120000000

EndoActivator Tips Small (Yellow) #15 /.02 (box of 25) A091302201500

EndoActivator Tips Medium (Red) #25 /.04 (box of 25) A091302202500

EndoActivator Tips Large (Blue) #35 /.04 (box of 25) A091302203500

EndoActivator Barriers (box of 100) A09140000000

Feature of EndoActivator	Benefit to Clinician
'Activates' irrigants to assist in better cleaning of the canal	Better removal of debris and bacteria which improves the possibility of a successful root canal treatment outcome
Non-cutting polymer tip which won't cut dentine even in narrow, curved canals	Allows vigorous cleaning of canals and lateral canals without the risk of creating a further smear layer
Integrates easily into any endodontic technique	An instant and cost effective way to improve endodontic outcomes without being technique sensitive

**Max-i-Probe® Irrigating Needles**

The Max-i-Probe irrigating needle is designed with a side port that prevents solution and debris from being expressed through the apical foramen. The rounded tip prevents the risk of penetrating the apex. The Max-i-Probe needle, with its side port design, also assists with patient comfort when irrigating root canals and periodontal pockets.



Max-i-Probe pack of 40

23G A082000002300

25G A082000002500

30G A082000003000

# Endodontics

## Irrigation and Medicaments

MAILLEFER

Product Code

### Glyde™

Glyde File Prep Gel is used to facilitate the cleaning and shaping of the root canal by lifting debris coronally, while it simultaneously lubricates the file. Glyde File Prep Gel effervesces when it reacts with sodium hypochlorite. This 'bubbling' action lifts dentinal mud and necrotic tissue for easy removal. In addition, the EDTA in Glyde assists to remove bacteria and helps to leave the dentinal tubes and lateral canals ready for obturation.



Glyde Syringe Kit, (3 x 3ml Syringes)

A090100000000

Glyde Syringe Tips, Pack 50

A090300000000

Glyde Single Dose, 35 x 0.5ml

A090500000000

### Ledermix®\*

Ledermix is a corticosteroid-antibiotic paste or cement. Ledermix Paste is formulated to be used as an intracanal medicament with a water soluble paste base. It is presented as a single paste in a tube so there is no need to mix this material prior to use. Ledermix Cement is a hard-setting material for use on dentine as a lining, as a pulp capping agent and as a pulpotomy agent.



Ledermix Hardener 2.5ml normal set

007696

Ledermix Refill No2 paste 5g

007698

Ledermix Refill cement 3g

007699

### Calasept® Plus - Calcium Hydroxide Paste

Calasept Plus is a high concentration (>41%), radiopaque Calcium Hydroxide paste with multiple indications. The pre-filled syringes and flexi-tips assist in deep and precise application and allow a smooth consistency for the delivery of Calasept Plus.



Calasept Plus - 4 Syringes and 20 application tips

31000

Calasept Plus Flexi tips (pack 20)

31100

### EndoPrep Solution - EDTA

EDTA/C chelating agent for facilitating access to root canals in endodontic therapy.



EndoPrep Solution - 250ml bottle

651060

\*Ledermix is a registered trademark of Wyeth Holdings Corporation.

**Paper Points**



Product Code

**PROTAPER NEXT™ Paper Points**

PROTAPER NEXT Paper Points, specifically match the shape of PROTAPER NEXT files. They are colour coded for easy identification and are packaged sterile.



PROTAPER NEXT Paper Points (180 pack)

- X2
- X3
- ● X2 & X3 assorted (90 of each)
- ● X4 & X5 assorted (90 of each)

- A022Q00000200
- A022Q00000300
- A022Q00090000
- A022Q00090100

**ProTaper® Universal Paper Points**

ProTaper Universal Paper Points match the shape of ProTaper Universal Finishing files and are colour-coded for easy identification. Available in sizes F1, F2, F3, F4, F5 and in assortment packs. ProTaper Universal Paper Points are packaged sterile.



ProTaper Universal Paper Points (180 pack)

Sizes:

- F1
- F2
- F3
- ● Assorted, F1-F3
- ● Assorted, F4-F5

- A022W00010100
- A022W00010200
- A022W00010300
- A022W00090100
- A022W00090200

**WaveOne™ Paper Points**

WaveOne Paper Points are designed to fit canals prepared with a WaveOne file and are ideal for a safe and rapid drying process of the canals. WaveOne Paper Points are packaged in individual sterile cell packs of 5 points.



WaveOne Paper Point (180 pack)

- Small
- Primary
- Large

- A024W00000S01
- A024W00000P01
- A024W00000L01

Assorted Small ●, Primary ● and Large ● (60 of each)

A024W00090001

# Endodontics

## Paper Points

**MAILLEFER**

Reference Number

### DENTSPLY Paper Points

#### Paper Points - Cell Packs\*

Ref: 8016



Pack Options	Tip ISO Size	015	020	025	030	035	040	045	050	055	060	070	080	100
	.02													
	Assorted Points 015-040 Pack	x30	x30	x30	x30	x30	x30							
	Assorted Points 045-080 Pack							x30	x30	x30	x30	x30	x30	
Individual Points Packs		x180												
* Packaged sterile														

Pack Options	Size	XXF	XF	F	M	C
Individual Packs		x180	x180	x180	x180	x180

#### Paper Points - Vials

Ref: 8206



Pack Options	Tip ISO Size	015	020	025	030	035	040	045	050	055	060	070	080	090	100	110
	.02	○	●	●	●	●	●	○	●	●	●	●	●	○	●	●
	Assorted Points 015-040 Box 300	x50	x50	x50	x50	x50	x50									
	Assorted Points 045-080 Box 300							x50	x50	x50	x50	x50	x50			
Individual Points Packs		x50	x25	x25	x25											

#### Paper Points (colour coded) - .04 Tapers

Ref: A022J



Pack Options	Tip ISO Size	015	020	025	030	035	040	045	060	090
	.04	○	●	●	●	●	●	○	●	○
	Assorted Points 015-040 Pack	x30	x30	x30	x30	x30	x30			
Individual Points Packs		x180	x90							

#### Paper Points (colour coded) - .06 Tapers

Ref: A022K

Pack Options	Tip ISO Size	015	020	025	030	035	040
	.06	○	●	●	●	●	●
	Assorted Points 015-040 Pack	x30	x30	x30	x30	x30	x30
Individual Points Packs		x180	x180	x180	x180	x180	x180

**Obturation**

**MAILEFER**

Reference Number / Product Code



**AH Plus®**

AH Plus is a two component paste root canal sealer, based on epoxide-amine resins. This easy to mix sealer conforms closely to the walls of the prepared root canal and provides long-term dimensional stability with minimal shrinkage upon setting.\* AH Plus provides good biocompatibility, radiopacity, colour stability and ease of removal.\* Handling is quick and easy. Available in paste to paste mix or Automix Syringe (AH Plus Jet)

**AH Plus Intro Package** 60620110  
Includes:  
• 1 Tube of Paste A, (4ml)  
• 1 Tube of Paste B, (4ml)



**AH Plus Jet™**

AH Plus Jet is an automix syringe system. The mixing syringe ensures that the paste is mixed in an ideal ratio.

**AH Plus Jet Refill** 60620118  
2 x AH Plus Jet Mixing Syringe (15g each)

**AH Plus Jet Starter Kit** 60620115  
Includes:  
• 1 x AH Plus Jet Mixing Syringe (15g)  
• 20 x Mixing Tips/Intraoral Tips

**AH Plus Jet Mixing Tips/Intraoral Tips (40)** 60620116



**AH 26®**

AH 26 is a radiopaque root canal sealer with silver-free formulation. It is suitable for use with all filling techniques.

**AH 26 Standard Package** 60621101  
8g Powder, 10g Resin

**AH 26 Refill Package** 60620002  
10g Resin

**Lentulo® Spiral Filler**

Owing to its outstanding flexibility, especially near the tip, the Lentulo Spiral Filler can distribute sealer or cement evenly throughout even the most curved canals. The Lentulo Spiral Filler has regular spirals and is not twisted or bent into shape. It can be used with any rotating contra-angle handpiece.

Ref: A0022



Size	1	2	3	4
	●	●	●	●
<b>Pack Options</b>				
Assorted L1-4 Pack	x1	x1	x1	x1
Individual Tips Pack	x4	x4	x4	x4
Length: 21mm and 25mm				

\*Data on file.

# Endodontics

## Obturation

**MAILLEFER**

Product Code

### ThermaPrep® 2 Obturation Oven

The ThermaPrep 2 Oven is specifically designed to provide the heating requirements for the WaveOne™, ProTaper®, PROTAPER NEXT™ Thermafil and GuttaCore™ obturators, which are heated to the optimal temperature.\* A built-in timer audibly signals when the filling material reaches its correct temperature. The oven also features a cleaning function that softens any gutta-percha inside the heating chamber for removal.



ThermaPrep 2 Oven

A017623000200

### GuttaCore™ Crosslinked Gutta-percha Core Obturators

GuttaCore is the first obturator with a crosslinked gutta-percha carrier, enabling warm gutta-percha to be delivered during obturation, without leaving a plastic carrier in the canal. Retreatment and Post-Space preparation are also simplified, because the carrier itself is made from gutta-percha.



Pack of 5 Obturators + 1 Size Verifier – (1 blister)

Slize #

- 20 ●
- 25 ●
- 30 ●
- 35 ●
- 40 ●
- 45 ○
- 50 ●
- 55 ●
- 60 ●
- 70 ●
- 80 ●
- 90 ○

- A1702B0042000
- A1702B0042500
- A1702B0043000
- A1702B0043500
- A1702B0044000
- A1702B0044500
- A1702B0045000
- A1702B0045500
- A1702B0046000
- A1702B0047000
- A1702B0048000
- A1702B0049000



Pack of 25 Obturators + 5 Size Verifiers – (5 blisters)

Slize #

- 20 ●
- 25 ●
- 30 ●
- 35 ●
- 40 ●
- 45 ○
- 50 ●
- 55 ●
- 60 ●
- 70 ●
- 80 ●
- 90 ○

- A1702P0042000
- A1702P0042500
- A1702P0043000
- A1702P0043500
- A1702P0044000
- A1702P0044500
- A1702P0045000
- A1702P0045500
- A1702P0046000
- A1702P0047000
- A1702P0048000
- A1702P0049000

\*Data on file.

**Obturation**



Product Code

**GuttaCore™ for PROTAPER NEXT™**

GuttaCore for PROTAPER NEXT obturators are colour coded to match the corresponding PROTAPER NEXT rotary files, providing a simplified procedure that saves time compared with traditional techniques and provides a 3D seal of the root canal system with a Gutta percha core.



Pack of 5 Obturators + 1 Size Verifier – (1 blister)

Size #

X2



A1802B0042500

X3



A1802B0043000

X4



A1802B0044000

X5



A1802B0045000



Pack of 25 Obturators + 5 Size Verifiers – (5 blisters)

Size #

X2



A1802P0042500

X3



A1802P0043000

X4



A1802P0044000

X5



A1802P0045000

**ProTaper® Universal / WaveOne™ /Thermafil® Obturators**

Maillefer obturators achieve a rapid three-dimensional obturation of the root canal system. During insertion the gutta-percha precedes the carrier apically, obturating the canal to the apex, simultaneously filling available lateral and accessory canals at the same time.

**ProTaper Universal Thermafil Obturators**

ProTaper Universal obturators are colour coded to match the corresponding ProTaper Universal finishing files, providing a simplified procedure which saves time compared with traditional techniques and provides a 3D seal of the root canal system.



ProTaper Thermafil Obturator x 6 pack

- F1
- F2
- F3
- F4
- F5

- A141100010100
- A141100010200
- A141100010300
- A141100010400
- A141100010500

ProTaper Thermafil Obturator x 20 pack

- F1
- F2
- F3
- F4
- F5

- A141100011100
- A141100011200
- A141100011300
- A141100011400
- A141100011500

# Endodontics

## Obturation

**MAILLEFER**

Reference Number / Product Code

### WaveOne™ Thermafil Obturators

The WaveOne obturator is available in three sizes designed and colour coded to match the sizes of WaveOne files.

WaveOne obturators when utilised with WaveOne files, provide a simplified procedure which saves time compared with traditional techniques and provides a 3D seal of the root canal system.



WaveOne Obturator x 6 pack

	Small	A170000010S00
	Primary	A170000010P00
	Large	A170000010L00

WaveOne Obturator x 20 pack

	Small	A170000011S00
	Primary	A170000011P00
	Large	A170000011L00

### Thermafil® Obturators

Thermafil obturators are available in a large number of sizes making them suitable for use with most NiTi instruments for three dimensional obturation.



Tip ISO Size	020	025	030	035	040	045	050	055	060	070	080	090	100	110	Reference Number
<b>.04</b>															
<b>Pack Options</b>															
Individual Tips Packs	x6	Ref: A0166													
Individual Tips Packs	x30	x30	x30	x30	x30										Ref: A0348
Posterior Kit	x4	x4	x4	x4	x4										Ref: A0167
Anterior Kit						x3	x3	x3	x3	x3	x2	x2	x1		Ref: A0168

### Verifiers

Verifier Files are made to the same size as the Thermafil plastic carrier and with the same precise .04 taper.

Ref: A0175

These hand instruments are used to verify the clinician's selection of Thermafil or GuttaCore™ obturator. As Verifier Files are made from flexible Nickel Titanium alloy, they will conform to the natural shape of most prepared root canals.



	20	25	30	35	40	45	50	55	60	70	80	90
<b>Pack Options</b>												
Assorted Tips 20-45 Pack	x1	x1	x1	x1	x1	x1						
Assorted Tips 50-90 Pack							x1	x1	x1	x1	x1	x1
Individual Tips Packs	x6											
Length: 25mm												

**Obturation**



Product Code

**Thermacut**

Thermacut Burs are simple FG stainless steel blunt burs, used to create frictional heat to separate the Thermafil carrier from its handle.

Thermacut burs (x6)



Assorted (1x10, 2x12, 2x14, 1x16)	A005032590000
size 10	A005032501000
size 12	A005032501200
size 14	A005032501400
size 16	A005032501600

**Downpack and Backfill Obturation**

**Calamus® Dual Downpack and Backfill Obturation System**

The Calamus Dual Obturation System provides an integrated obturation unit for the Downpack and Backfill of root canals. With the Pack and Flow handpieces positioned conveniently side-by-side, the clinician can move smoothly from one step to the next without any interruptions. The unit can also be fitted with a thermal response tip to assist the dentist to determine pulp vitality. With its modern aesthetic appearance and intuitive design, Calamus Dual provides the dentist with easy navigation, set-up and operation of the device. It also features ergonomically designed slim handpieces that provide large operating angles for ease of use and also 360° feather touch activation cuffs for easy activation. The convenient drop-in cartridge, that is used in the Back Fill handpiece, features a long flexible obturation canula, that can be used with curved root canals.



Calamus Dual Device A130000000022

Includes:

- 1 Calamus Dual Device
- 1 Electric Heated Plugger Small ISO 40 - Taper .03
- 1 Blister Of 10 GP Cartridges, 20 Gauge (= 0.8 Mm)
- 1 Blister Of 10 GP Cartridges, 23 Gauge (= 0.6 Mm)
- Replacement Cartridge Nut
- Cartridge Needle Bending Tool
- Handpiece Heat Shield
- Handpiece Cleaning Brush

Calamus Heated Plugger (S-Black) ISO 40 - Taper .03	A111000000000
Calamus Heated Plugger (M-Yellow) ISO 50 - Taper .05	A112000000000
Calamus Heated Plugger (L-Blue) ISO 60 - Taper .06	A113000000000
Calamus Thermal Response Tip	A115000000000
Calamus Replacement Cartridge Nut	A120600000000
Calamus Cartridge Needle Bend Tool	A120700000000
Calamus Handpiece Clean Brush	A120800000000
Calamus Handpiece Heat Shield	A120900000000
Calamus GP Cartridge 20G (10 Cartridges)	A121000000000
Calamus GP Cartridge 23G (10 Cartridges)	A122000000000

# Endodontics

## Obturation

**MAILEFER**

Product Code

### Gutta-Percha Points (designed for rotary preparations)

PROTAPER NEXT™, ProTaper® Universal and WaveOne™ Gutta-Percha Points match the shape of their systems' rotary files and are colour coded for easy identification.

#### PROTAPER NEXT™ Gutta Percha Points

PROTAPER NEXT Gutta Percha Points are specifically designed to match the size of PROTAPER NEXT files and are suitable for both cold and warm obturation techniques. They are colour coded for easy identification.



ProTaper NEXT Gutta Percha Points (60 pack)

- X2
- X3
- ● X2 & X3 assorted (30 of each)
- ● X4 & X5 assorted (30 of each)

A02200000200  
A02200000300  
A02200009000  
A02200009010

#### ProTaper® Universal

The ProTaper Universal Gutta-Percha Points are available in a full range of finishing file sizes and in an assortment pack. The advanced ProTaper Universal Gutta-Percha Points have been specifically designed for both cold and warm obturation techniques.



Gutta-Percha for ProTaper Universal  
Length: 29mm

ProTaper Gutta-Percha (60 pack)

- F1
- F2
- F3
- ● Assorted F1-F3 (20 of each)
- ● Assorted F4-F5 (30 of each)

A022X00010100  
A022X00010200  
A022X00010300  
A022X00090100  
A022X00090200

#### WaveOne™

WaveOne Gutta-Percha Points are designed to match the size of each of the WaveOne files enabling the clinician to achieve rapid and precise master-cone obturation in most cases.



WaveOne GP Point x 60 pack

- Small
- Primary
- Large

A024X00000S00  
A024X00000P00  
A024X00000L00

Assorted Pack

Small ●, Primary ● and Large ● (20 of each)

A024X00090000

## Obturation



Reference Number / Product Code

### Gutta-Percha Points

DENTSPLY Gutta-Percha Points are dense, highly radio-opaque and flexible. They can be used with any condensation technique to fill the root canal.

#### Gutta-Percha Accessory Points

Ref: 9204344



Size	L	M	MF	FM	FF	F	XF	XXF	XXXF
20mm points Individual Pack		x120				x120	x120	x120	x120
28mm points Individual Pack	x120		x120	x120	x120				
Length: 20mm or 28mm									

#### Gutta-Percha Points - ISO Sizes

Ref: 920434

Tip ISO Size	015	020	025	030	035	040	045	050	055	060	070	080	090	100	110	120
Assorted Points 015-040 Pack	x20	x20	x20	x20	x20	x20										
Assorted Points 045-080 Pack							x20	x20	x20	x20	x20	x20				
Individual Points Packs	x120															

#### Gutta-Percha Points - Colour Coded & Tapered .02 / .04 / .06

Ref: A022G

Tip ISO Size	010	015	020	025	030	035	040	045	050	055	060	070	080	090	100	110	120	130	140
Assorted Points 015-040 Pack		x20	x20	x20	x20	x20	x20												
Assorted Points 090-140 Pack														x10	x10	x10	x10	x10	x10
Individual Points Packs	x120	x60																	
Length: 30mm																			

Ref: A022M

Ref: A022N



Tip ISO Size	015	020	025	030	035	040	045	060	090
Assorted Points 015-040 Pack	x20	x20	x20	x20	x20	x20			
Assorted Points 045-090 Pack							x40	x40	x40
Individual Points Packs	x120	x60							
Length: 30mm									

Tip ISO Size	015	020	025	030	035	040
Assorted Points 015-040 Pack	x20	x20	x20	x20	x20	x20
Individual Points Packs	x120	x120	x120	x120	x120	x120
Length: 30mm						



Gutta Percha Aux Points B (x120)

A022F00000200

Gutta Percha Auxiliary ABCD (x120 total)

A022F00090000

Gauge for Gutta-Percha Points 1x .02 taper (20-140)

A018600000000

# Endodontics

## Spreaders and Pluggers

**MAILLEFER**

Reference Number / Product Code

Single-ended stainless steel instruments. Indications: Obturation.



Finger Spreader (Pointed Tip)

Ref: A0206

Pack Options	Size	010	020	030	040
	21mm				
Assorted Tips 010-040 Pack		x1	x1	x1	x1
Individual Tips Packs		x4	x4	x4	
Length: 21mm or 25mm					

Pack Options	Size	010	020	030	040
	25mm				
Assorted Tips 010-040 Pack		x1	x1	x1	x1
Individual Tips Packs		x4	x4	x4	x4



Finger Spreader (Flat Tip)

Ref: A0182

Its plastic handle, conical shape and flat tip make it ideal for both lateral and vertical compaction of gutta percha.

Pack Options	Size	A	B	C	D
Assorted Tips A-D Pack, 25mm only		x1	x1	x1	x1
Individual Tips Packs, 25mm only		x4	x4	x4	x4
Length: 21mm or 25mm					

Gutta Condenser

Ref: A02420

Pack Options	Size	025	030	040
Individual Tips Packs		x4	x4	x4

## Nickel Titanium Spreaders

These instruments are made from a flexible metal alloy-nickel titanium, that provides them with several unique properties. These include super elasticity to conform to canal curvature better than traditional stainless steel.



Nickel Titanium D11T (.20/.06), Single pack

SPNT11

Nickel Titanium D11 (.20/.04), Single pack

SPNT04

## Heat Carrier Pluggers

These Heat Carrier Pluggers have been machined from a special heat sink stainless steel and are angled inwards for easy insertion. Used for a vertical condensation technique.



Heat Carrier Pluggers

Ref: A281S

Pack Options	Size in MM	0.5	0.6	0.8	1.0
Individual Tips Packs		x3	x3	x3	x3

**Endodontic Accessories**



Product Code

**Endometer**

A quick and accurate way of checking and setting the exact length of root canal instruments.



Endometer

A017800000000

**Endo Ruler**

Metal ruler SST 15cm

ENDORULER



**Endo-M-Bloc**

The Endo-M-Bloc, which incorporates a measuring block, is a precise and quick method of setting the exact length of root canal instruments with rubber stops. The Endo-M-Bloc has 42 depth guides in two rows. The Endo-M-Bloc is suitable for heat sterilisation. Metal construction.

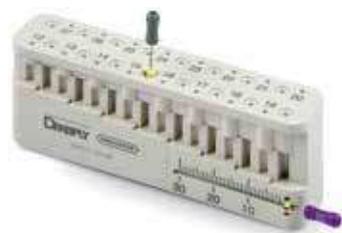


Endo-M-Bloc

A018400000000

**Mini-Endo-Bloc**

The Mini-Endo-Bloc provides the same benefits as the Endo-M-Bloc with 32 depth guides in two rows, and is suitable for heat sterilisation. Plastic construction.



Mini-Endo-Bloc

A032700000000

# Endodontics

## Endodontic Accessories

**MAILLEFER**

Product Code

### Endo Twin-Bloc™

The Endo Twin-Bloc is a combination of a Mini-Endo-Bloc and a Clean Stand. It allows the clinician to clean and set the exact length of root canal instruments throughout a procedure. Suitable for heat sterilisation.



Endo Twin-Bloc  
Refill Sponges (Large), Pkt 25

A033800000100  
A268S00000200

### Clean Stand LV

The Clean Stand LV is designed to clean files during a procedure. Suitable for heat sterilisation.



Clean Stand LV  
Endo Refill Sponges, Pkt 25 (Large)  
Endo Refill Sponges, Pkt 25 (Small)  
(to be used with previous model of  
Clean Stand - Round shape and blue in colour)

A268P00000200  
A268S00000200  
A268S00000000

### ProTaper® File Sequencers



ProTaper Treatment Sequencer (Black)  
ProTaper Retreatment Sequencer (Yellow)  
Suitable for heat sterilisation.

A041300000300  
A041300000400

### Endo-Stand

This stainless steel stand is ideal for keeping reamers and files at hand for each patient. The Endo-Stand can be heat sterilised.



Endo-Stand

A265P00000000

**Endodontic Accessories**



Product Code

**Sterilisable Plastic Box for Burs**



Sterilisable Plastic Box for burs (with endo inserts)	E024800000800
Plastic Inserts for Box	
FG Shanks	E024900000100
RA Shanks	E024900000200

**Ash® Endodontic Probe - DG16 (lustra)**

Sharp tip with longer reach than regular probes.

Endodontic Probe - DG16	62013201
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**Sure-Stop Silicone Dispenser**

The Sure-Stop Dispenser deposits a single stop into a specially designed well for easy placement onto the instrument shaft.



Sure-Stop Silicone Dispenser		
200 pack		
Yellow	A019700000100	
Blue	A019700000200	
Black	A019700000300	

**Endosonic Files Package**



CaviEndo Files 6 pcs:		
No. 15 (29mm)	669501	
No. 20 (27mm)	669502	
No. 25 (31mm)	669503	

**Handpiece Lubrication**

Midwest Plus™ Aerosol Lubricant	380080
Rotagen Handpiece Lubrication	651705

# Endodontics

## Endodontic Retreatment and Special Cases

**MAILLEFER**

Product Code

### Radix® Fiber Posts

Radix Fiber Posts are translucent glass fiber posts that are indicated for use as reinforcement for the reconstruction of anterior and posterior teeth. They are available in a range of four sizes which are suitable for anterior and posterior teeth. Their translucency makes them especially suited for the reconstruction of anterior teeth, where aesthetic considerations are paramount. They are suitable for use with curing lights, ensuring a rapid and controlled clinical technique.



	Tip size	Head size	
Radix Fiber Post #1	0.8	1.35	C061300000100
Radix Fiber Post #2	0.8	1.47	C061300000200
Radix Fiber Post #3	1.0	1.67	C061300000300
Radix Fiber Post #4	1.0	1.83	C061300000400
Radix Fiber Post 10 per pack			
Radix Fiber Post Basic Kit 0.8			C061400800100
Radix Fiber Post Basic Kit 1.0			C061401000100
Radix Fiber Post x 24 Posts, 1 x Largo Reamer, 2 x Easy Post Precision Drills			
EasyPost Precision Drill #1			C060100000100
EasyPost Precision Drill #2			C060100000200
EasyPost Precision Drill #3			C060100000300
EasyPost Precision Drill #4			C060100000400
Easy Post Precision Drill -3 per pack			
Peeso Reamers Size 1-3 For use with Radix Fiber Post System (Refer to Peeso Reamers )			

### Post-Space Bur

High speed bur used for post space preparation when using Thermanfil®, ProTaper®, PROTAPER NEXT™ and WaveOne™ obturators. The rounded tip eliminates the risk of perforation, and the helical grooves ensure elimination of gutta percha and plastic core.



Post-Space Bur (007-25mm) (x6)

A005131300700

### LN Bur

The unique LN carbon steel RA bur is designed specifically to solve the problem of loosening and removing posts or broken objects. It benefits the operator by allowing deep drilling alongside the object. (x6)

D020524000600



**Endodontic Retreatment and Special Cases**



Reference Number / Product Code

**ProTaper® Universal Retreatment Files**

Retreatment files have been specifically designed to remove the obturation material from the root canal. There are three retreatment files: D1, D2 and D3, one for each third of the canal. D1 has a cutting tip for effective entrance into the obturation material in the coronal third. D2 and D3 are used in the mid and apical thirds of the canal respectively and have non-active tips that have been designed to closely respect the path of the canal.



ProTaper Universal	Retreatment Files	16 mm	18 mm	22 mm		Reference Number
D1		●			x6	Ref: A14102
D2			●		x6	Ref: A14102
D3				●	x6	Ref: A14102

ProTaper Universal	Retreatment Files	D1	D2	D3	Seq	Product Code
Assortment	D1, D2 and D3	x2	x2	x2		A141220090000

**ProRoot™ MTA Root Canal Repair Material**

ProRoot MTA is compositionally formulated to have the physical properties, setting requirements and characteristics necessary for a clinically effective root repair material.

ProRoot MTA is a clinically viable solution for a wide variety of root canal repair applications including:

- Apexification
- Repair of root perforations during root canal therapy
- Repair of root resorption
- Root-end filling
- Pulp capping



ProRoot MTA (White) 5 dose pack A040500000100

- Includes:
- 5 x 1.0g MTA
  - 6 x 0.7ml H<sub>2</sub>O

ProRoot MTA (White) 2 dose pack A040500000200

- Includes:
- 2 x 1.0g MTA
  - 3 x 0.7ml H<sub>2</sub>O

# Endodontics

## Endodontic Retreatment and Special Cases

**MAILLEFER**

Product Code

### MAP System – ProRoot MTA Delivery Gun

The MAP System provides a unique and efficient method for placing root-canal repair materials either by retrograde obturation or by orthograde obturation. Thanks to its large choice of needles, a wide range of clinical procedures can be performed in a simple and accurate way. With the Intro Kit you can perform perforation repair, pulp capping and root-end filling, whereas the Surgical Kit enables you to perform retrograde obturation on both anterior and posterior teeth.



#### MAP System Intro Kit

A06620000000

Includes:

- Small autoclavable box
- Stainless steel syringe
- 2 NiTi memory shape needles,
- 2 curved needles
- Accessories



#### MAP System Surgical Kit

A06640000000

Includes:

- Large autoclavable box
- Stainless steel syringe
- 3 Needles 3 angles – left
- 3 Needles 3 angles – right
- Accessories

#### Map System Refills

NiTi Memory Shape Needle - Yellow - 090	A066710009000
NiTi Memory Shape Needle - Red - 110	A066710011000
NiTi Memory Shape Needle - Blue - 130	A066710013000
Peek Plungers - Yellow - 090	A066810009000
Peek Plungers - Red - 110	A066810011000
Peek Plungers - Blue - 130	A066810013000
NiTi Plunger - Yellow - 090	A066820009000
NiTi Plunger - Red - 110	A066820011000
Cleaning Device - Yellow - 090	A067000009000
Cleaning device - Red - 110	A067000011000
Cleaning device - Blue - 130	A067000013000

### Endodontic Retreatment and Special Cases



Reference Number

#### ProUltra™ Endo Tips

Designed by Dr. Clifford J. Ruddle, ProUltra Nonsurgical Endo Tips are ultrasonic endodontic instruments designed for removing intracanal obstructions, disassembling cores and dental restorations, dislodging posts and broken instruments and eliminating pulp stones.

- Tips 1 - 5 are coated with zirconium nitride for efficiency
- Tips 6 - 8 are a special titanium alloy for precision in areas with limited access
- All the tips have unique contra-angles and parallel shafts for better access and visibility
- The tips have lengths and diameters designed to progress down into the canal



#### ProUltra Zirconium Nitride Endo Tips



Pack Options	Tip No ENDO	1	2	3	4	5	Reference Number	
							EMS	Acteon Spartan and ProUltra P5
	Individual Packs	x1					A 0630-1	A 0620-1
		x1					A 0630-2	A 0620-2
			x1				A 0630-3	A 0620-3
				x1			A 0630-4	A 0620-4
					x1		A 0630-5	A 0620-5
Assorted 1-5 Pack		x1	x1	x1	x1	x1	A 0630-9	A 0620-9

#### ProUltra Titanium Endo Tips



Pack Options	Tip No ENDO	6	7	8	Reference Number	
					EMS	Acteon Spartan and ProUltra P5
	Individual Packs	x1			A 0631-6	A 0621-6
			x1		A 0631-7	A 0621-7
				x1	A 0631-8	A 0621-8
Assorted 1-3 Pack		x1	x1	x1	A 0631-9	A 0621-9

#### ProUltra™ Surgical Endo Tips

Specially designed for endodontic microsurgery, each of these instruments have a longer body and a multiple angled tip for improved access to difficult areas. These tips cut dentin efficiently and leave a smooth dentine surface with microscopic ridges for improved adaptation of restorative materials.

- Tips 1-6 are coated with zirconium nitride for efficiency
- The surgical tips have an irrigation port positioned near the tip for increased effectiveness



Pack Options	Tip No SURG	1	2	3	4	5	6	Reference Number		
									EMS	Acteon Spartan and ProUltra P5
	Individual Packs	x1							A 0650-1	A 0640-1
		x1						A 0650-2	A 0640-2	
			x1					A 0650-3	A 0640-3	
				x1				A 0650-4	A 0640-4	
					x1			A 0650-5	A 0640-5	
						x1		A 0650-6	A 0640-6	
Assorted 1-6 Pack		x1	x1	x1	x1	x1	x1	A 0650-9	A 0640-9	

ProUltra Wrench

A06190000000



# ENDO DONTIC RESTO RATIVE SOLUTION

