



PRODUCT CATALOG





A COMMITMENT TO INNOVATION.

Advancing the treatment of dental disease is more than DENTSPLY Maillefer's great legacy - it's our ongoing promise. That's why, throughout this catalog, you will find new innovations alongside our time-tested classics you've come to rely on. Of course, we realize the value of our precision instruments is enhanced by the hands that put them to good use. It's the reason each and every product we meticulously craft is backed by unsurpassed support from knowledgeable endodontic specialists.

Along with your distributor, we are committed to providing complete endodontic training and information. Simply call us toll free at 1.800.924.7393 or call your dental supplier.

Thank you for placing your trust in Maillefer. Instrumental to success in endodontics.

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INTRODUCTION



MAILLEFER.

It was in 1889 that Auguste Maillefer, dentist and former watchmaker, founded a workshop for manufacturing the instruments that, for himself and for other dentists, soon became indispensable.

Over a century of progress, the name Maillefer has become a synonym worldwide for superior quality and technical innovation. In 1995, the company became a member of the DENTSPLY International group, world leader in the supply of equipment, products and instruments for the dental profession.



The DENTSPLY Maillefer brand has evolved into one of the most established names in Endodontics today with products that are clinically proven. At DENTSPLY, our mission is to deliver solutions 'For Better Dentistry' that benefit you and your patients. We aim to lead the industry in innovation, quality and service.

www.maillefer.com

INSTRUMENTATION





PRECISION ENGINEERED FOR SUPERIOR RESULTS.

More than 100 years of precision Swiss engineering principles go into every Maillefer hand file we meticulously create. In fact, our own specifications are so demanding, Maillefer files exceed ISO standards. From severely curved to highly calcified canals, DENTSPLY Maillefer has the file you need to meet the challenge. Most come standard with an innovative flute design, nonslip plastic handles for a firmer grip, ISO color coding for easy identification, a safe-ended Batt[®] Tip to reduce chances of ledging, and preinserted silicone stops that are notched to guide instruments you prebend around curves. In addition, many of our stainless steel files are twisted – not ground – for strength, cutting efficiency and fracture resistance.

INSTRUMENTATION

READY•STEEL™

Perfectly Sterile. Perfectly Maillefer.

The stainless steel Maillefer instruments you trust are now available in pre-sterilized blister packs for single-patient use.

DENSTPLY Maillefer is an advocate of raising medical standards and is introducing the first step to a new complete sterile stainless steel solution: READY•STEEL. READY•STEEL files are pre-sterilized and come with perforated blister packs for single-patient use, to bring you peace of mind during your endodontic procedures.



Reduced risk of file breakage*

Endodontic files exhibit signs of wear during normal use, which increases dramatically with multiple use. Single use reduces the risk of file breakage and increases patient safety.



Optimal cutting efficiency*

Research has shown that using files for multiple cases reduces their cutting efficiency, and leads to a poor performance. Cutting efficiency is achieved when a new instrument is used for each patient.



No risk of cross-contamination*

Research shows that certain bacteria and tissue remnants may remain on the instrument, post-sterilization. Single-patient use will eliminate such risk.

*Data available upon request.

READY•STEEL™





READY•STEEL™

FLEXOFILE®

STAINLESS STEEL

The READY•STEEL FlexoFile hand file combines the best stainless steel technology with enhanced flexibility for cleaning and shaping even the most curved and narrow canals.

- Intermediate-size hand files used in combination with regular ISO files let you gradually move on to the next file size.
- Safe-ended non-cutting Batt® Tip reduces the chance of ledging.²
- Made from a triangular blank for flexibility in curved canals.
- Pre-inserted silicone stops to save you time and money.

Size / Desc.	Prod.#	Prod.#	Prod.#	Prod.#
Pkg of 6	18 mm	21 mm	25 mm	31 mm
6		6830621	6830625	6830631
8		6830821	6830825	6830831
10		6831021	6831025	6831031
12		6831221	6831225	6831231
15	6831518	6831521	6831525	6831531
17		6831721	6831725	6831731
20	6832018	6832021	6832025	6832031
22		6832221	6832225	6832231
25	6832518	6832521	6832525	6832531
27		6832721	6832725	6832731
30	6833018	6833021	6833025	6833031
32		6833221	6833225	
35	6833518	6833521	6833525	6833531
37		6833721	6833725	
12-37*			6833032	
40	6834018	6834021	6834025	6834031
15-40*		6833022	6833027	6833033
45		6834521	6834525	
50		6835021	6835025	
55		6835521	6835525	
60		6836021	6836025	
70		6837021	6837025	
80		6838021	6838025	
45-80*		6833023	6833028	
90-140*		6833024	6833029	

*ASSORTED



FlexoFile Cutting Shape in sizes 6, 8, 10



FlexoFile Cutting Shape in larger sizes

INSTRUMENTATION



READY•STEEL™ SENSEUS® FLEXOFILE® STAINLESS STEEL

The READY•STEEL Senseus FlexoFile instrument's unique, silicone handle is as intelligently designed as its flexible file. With a soft-to-the-touch, ergonomic design and improved tactile feedback, it's the next big thing in endodontic instrumentation.

LARGE, HIGHLY ERGONOMIC HANDLE

- Greater working comfort.
- Improved tactile feedback.
- X-ray visible calibration rings for accuracy and improved diagnostics.
(25 mm and 31 mm only)

FLEXIBLE, STAINLESS STEEL FILE

- Flexible strength for preparing even the most curved and narrow canals.
- Pre-inserted silicone stops save you time and money.

Size / Desc.	Prod.#	Prod.#	Prod.#
Pkg of 6	21 mm	25 mm	31 mm
6	6860621	6860625	6860631
8	6860821	6860825	6860831
10	6861021	6861025	6861031
15	6861521	6861525	6861531
20	6862021	6862025	6862031
25	6862521	6862525	6862531
30	6863021	6863025	6863031
35	6863521	6863525	
40	6864021	6864025	
15-40*	6860026	6860028	6860030
45	6864521	6864525	
50	6865021	6865025	
55	6865521	6865525	
60	6866021	6866025	
45-80*	6860027	6860029	

*ASSORTED



Senseus
FlexoFile
Cutting Shape
in sizes 6, 8, 10



Senseus
FlexoFile
Cutting Shape
in larger sizes



READY•STEEL™

K-FILE

STAINLESS STEEL

The READY•STEEL K-File features a twisted design and is manufactured from a square blank. This file has set the industry standard by offering superior cutting efficiency and precision handling.

NEW
Handle
for better grip.

Size / Desc. Pkg of 6	Prod.#	Prod.#	Prod.#
	21 mm	25 mm	31 mm
6	6840621	6840625	6840631
8	6840821	6840825	6840831
10	6841021	6841025	6841031
15	6841521	6841525	6841531
20	6842021	6842025	6842031
25	6842521	6842525	6842531
30	6843021	6843025	6843031
35	6843521	6843525	6843531
40	6844021	6844025	6844031
15-40*	6844023	6844026	6844028
45	6844521	6844525	6844531
50	6845021	6845025	6845031
55	6845521	6845525	6845531
60	6846021	6846025	6846031
70	6847021	6847025	6847031
80	6848021	6848025	6848031
45-80*	6844024	6844027	6844029



K-File
Cutting Shape

*ASSORTED

INSTRUMENTATION



READY•STEEL™ C+ FILE

ULTRA STIFF STAINLESS STEEL

The READY•STEEL C+ File delivers superior strength for accessing difficult or calcified canals. Due to its unique taper, the C+ File features an even higher degree of ultra-stiffness to negotiate your most challenging canals.

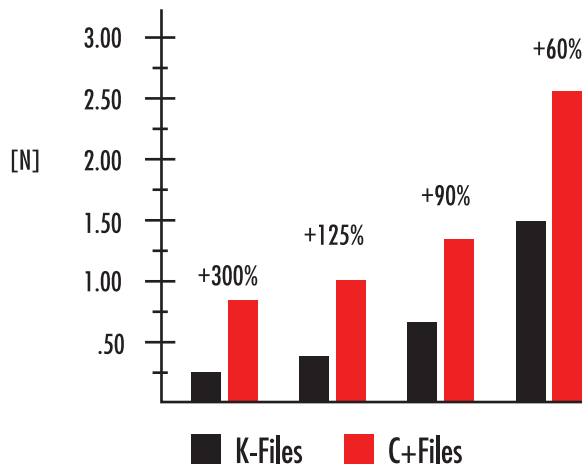
- Up to 300% gain in resistance to buckling.
- Unique taper for ultra-stiff design.
- Calibration rings for easy depth determination.
- Pyramid-shaped tip for easy penetration.
- Highly polished for debris removal and smooth insertion into the canal.
- Square section for resistance to distortion and increased safety.
- Two available lengths with consistent cutting sensation across the whole range of instruments.

GREAT FOR USE WITH GLYDE FILE PREP® ROOT CANAL CONDITIONER FROM PG 21.

TAKING STIFFNESS AND STRENGTH TO THE NEXT LEVEL.

Get the premium file expertly designed to answer the challenge of highly calcified canals.

SIGNIFICANT GAIN IN BUCKLING FORCE



- Easier location of canal orifices.
- Easier access to apical third.
- Better negotiation of calcifications.
- Better tactile feel.

Size / Desc.	Prod.# 21 mm	Prod.# 25 mm
Pkg of 6		
6	6700621	6700625
8	6700821	6700825
10	6701021	6701025
15	6701521	6701525





READY•STEEL™ HEDSTROM FILE

STAINLESS STEEL

The READY•STEEL Hedstrom file offers effective cutting efficiency and greater strength, provided by its thick core; this enables Maillefer to offer smaller Hedstrom file sizes starting with a #10.



Hedstrom
Cutting Shape

NEW
Handle
for better grip.

Size / Desc. Pkg of 6	Prod.#	Prod.#	Prod.#
	21 mm	25 mm	31 mm
10	6851021	6851025	6851031
15	6851521	6851525	6851531
20	6852021	6852025	6852031
25	6852521	6852525	6852531
30	6853021	6853025	6853031
35	6853521	6853525	6853531
40	6854021	6854025	6854031
15-40*	6855023	6855024	6855027
45	6854521	6854525	6854531
50	6855021	6855025	6855031
55	6855521	6855525	6855531
60	6856021	6856025	6856031
70	6857021	6857025	
80	6858021	6858025	
45-80*	6855022	6855026	6855028

*ASSORTED



READY•STEEL™ K-REAMER

STAINLESS STEEL

The READY•STEEL K-Reamer is known for its superior cutting ability, precision handling and efficient removal of dental debris.



K-Reamer
Cutting Shape

Size / Desc. Pkg of 6	Prod.#	Prod.#	Prod.#
	21 mm	25 mm	31 mm
8	6720821	6720825	
10	6721021	6721025	6721031
15	6721521	6721525	6721531
20	6722021	6722025	6722031
25	6722521	6722525	6722531
30	6723021	6723025	6723031
35	6723521	6723525	
40	6724021	6724025	
15-40*	672AS21	672AS25	672AS31
45	6724521	6724525	
50	6725021	6725025	
55	6725521	6725525	
60	6726021	6726025	

*ASSORTED

INSTRUMENTATION



C-FILE

STAINLESS STEEL

Mailefer C-Files are made of specially treated stainless steel for amazing stiffness and strength. The result is easier access to challenging, calcified canals.

- Heat-tempered steel for stiff performance.
- Twisted file design for greater strength.
- Eases penetration of calcified canals.

Size / Desc.
Pkg of 6
6
8
10

Prod.#	Prod.#
21 mm	25 mm
670999	670994
670998	670995
670997	670996



SUREFLEX® FILE

NICKEL TITANIUM

Get all the benefits of nickel titanium files with a cut like stainless steel. Due to the flexibility of nickel titanium, SureFlex files are better at following and conforming to the curvature of the canal during instrumentation.

Size / Desc.
Pkg of 6
15
20
25
30
35
40
15-40*
45
50
55
60
*ASSORTED

Prod.#	Prod.#
21 mm	25 mm
664001	664012
664002	664013
664003	664014
664004	664015
664005	664016
664006	664017
664011	664022
664007	664018
664008	664019
664009	664020
664010	664021



HANDY LENTULO® PASTE CARRIER

STAINLESS STEEL

The Handy Lentulo Paste Carrier gives you the design benefits of the Lentulo® Spiral Filler, plus the ability to manually control the positioning of the sealer in the prepared canal.

Size / Desc.
Pkg of 4
1
2
3
4
1-4*
*ASSORTED

Prod.#	Prod.#	Prod.#
17 mm	21 mm	25 mm
671555	671565	671575
671556	671566	671576
671557	671567	671577
671558	671568	671578
671559	671569	671579



K-FILE

STAINLESS STEEL

The Maillefer K-File has set the industry standard by offering superior cutting efficiency and precision handling. Featuring a twisted design and manufactured from a square blank.



K-File
Cutting Shape

Size / Desc.	Prod.#	Prod.#	Prod.#
<i>Pkg of 6</i>	21 mm	25 mm	31 mm
6	671000	671129	671159
8	671100	671130	671160
10	671101	671131	671161
15	671102	671132	671162
20	671103	671133	671163
25	671104	671134	671164
30	671105	671135	671165
35	671106	671136	671166
40	671107	671137	671167
15-40*	671120	671150	671180
45	671108	671138	671168
50	671109	671139	671169
55	671110	671140	671170
60	671111	671141	671171
70	671112	671142	671172
80	671113	671143	671173
45-80*	671121	671151	671181

* ASSORTED



UNIFILE® INSTRUMENT

STAINLESS STEEL

This patented double Hedstrom design offers efficient cutting ability on insertion and withdrawal.

Size / Desc.	Prod.#	Prod.#
<i>Pkg of 6</i>	21 mm	25 mm
10	668700	668722
15	668701	668723
20	668702	668724
25	668703	668725
30	668704	668726
35	668705	668727
10-35*	668719	668741
40	668706	668728
45	668707	668729
50	668708	668730
55	668709	668731
60	668710	668732
70	668711	668733
40-70*	668720	668742
80	668712	668734

*ASSORTED



BARBED BROACH

STAINLESS STEEL

The Barbed Broach is designed for bulk removal of pulpal tissue and features an easy-to-grip, color-coded plastic handle. Packaged in a sterile blister pack.

Size / Desc.	Prod.#
<i>Pkg of 10</i>	21 mm
XXXX-Fine - Purple	689549
XXX-Fine - White	689550
XX-Fine - Yellow	689551
X-Fine - Red	689552
Fine - Blue	689553
Medium - Green	689554
Coarse - Black	689555
XXXX Fine-Coarse*	689556

*ASSORTED

INSTRUMENTATION

MAILLEFER MICRO-OPENERS & MICRO-DEBRIDERS

The first endodontic tools designed to improve visibility. If you've ever tried to negotiate a hand file back to a posterior tooth or use a microscope, you'll love these innovative, ISO-sized instruments.

MICRO-OPENER

These ISO-sized files with K-type file flutes help you locate hard to find canals, penetrate calcification and perform initial instrumentation. Available in .04 and .06 tapers.



MICRO-DEBRIDER

ISO-sized, Hedstrom-type files with a standard .02 taper. The 16 mm flutes clear away paste, pulpal residues, gutta-percha, broken instruments and calcification. These instruments also allow additional shaping of the canal.



Size / Desc.	Prod.#
<i>Pkg of 3</i>	
10/.04 - Opener	■ 671687
15/.04 - Opener	 671688
20/.06 - Opener	■ 671689
20/.02 - Debrider	■ 671690
30/.02 - Debrider	■ 671691

<i>Assorted Kits</i>		Prod.#
Size / Desc.		
<i>Pkg of 3</i>		
Micro-Opener & Debrider (Kit #1)*		671684
1 x Micro-Opener 010/.04	■	
1 x Micro-Opener 015/.04		
1 x Micro-Debrider 030/.02	■	
Micro-Opener & Debrider (Kit #2)*		671685
1 x Micro-Opener 010/.04	■	
1 x Micro-Opener 010/.06	■	
1 x Micro-Debrider 020/.02	■	
Micro-Opener & Debrider (Kit #3)*		671686
1 x Micro-Opener 010/.04	■	
1 x Micro-Debrider 010/.06	■	
1 x Micro-Opener 015/.04		

*ASSORTED



Micro-Opener
Cutting Shape



Micro-Debrider
Cutting Shape

APEX LOCATOR



DETECT® APEX LOCATOR

Detect is an innovative apex locator featuring a full-color screen, progressive sound control and the latest multi-frequency technology for improved visualization of the file progression. Supported by extensive research and testing, Detect will allow clinicians to sharpen root canal visibility and accurately measure root canal length during endodontic therapy.

Size / Desc.	Prod.#
Detect Apex Locator	671900
Detect Rechargeable Battery	671901
Detect Charger	671902
Detect Lip Clip	671903
Detect Connection Hooks	671904
Detect Measuring Wire	671905
Detect Forks	671906

Detect features an easy to read full-color screen that shows an image of the tooth as well as a numerical value to indicate the file progression in the tooth. In addition to the large visual display, Detect emits audible information using progressive sound control. The device beeps faster as it approaches the apex and once the apex is reached, emits a solid tone.

Detect is fully automated and requires no calibration before use. Powered by a rechargeable, low-volt nickel-metal hydride (NiMH) battery, the Detect Apex Locator eliminates the need for frequent battery replacement and provides a nonstop operating time of about 6.5 hours on a full charge.

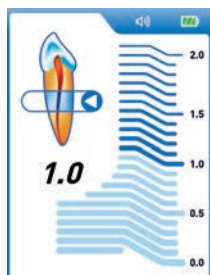
With a compact, smart design, Detect stores away easily and fits comfortably in the hand to provide a steady hold during root canal procedures.

DETECT[®]
APEX LOCATOR



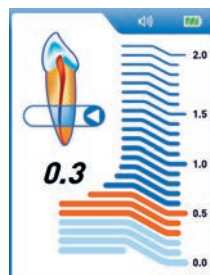
UPPER CANAL ZONE

The cursor on the tooth icon indicates the progression of the file in the canal.

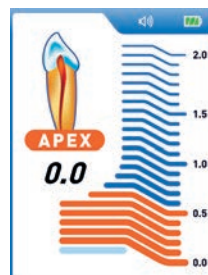


APICAL ZONE

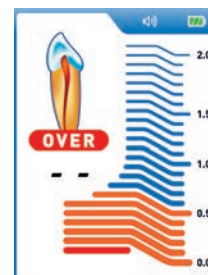
Extend apical zone from 0.9 to 0.0



When the apex is reached, a solid tone is emitted.



When the cursor on the tooth icon shows "over" this indicates that the file has passed the apex.



LUBRICANT



GLYDE FILE PREP® ROOT CANAL CONDITIONER

Glyde File Prep Root Canal Conditioner is a chelating agent and lubricant used to soften calcification and aid in cleansing the root canal system.

- 10% carbamide peroxide; 15% EDTA.
- In conjunction with NaOCl, its effervescent action lifts dentinal shavings and debris for efficient removal.
- Disposable tip eliminates the possibility of cross-contamination by dispensing a clean, single dose.
- Smooth, gel-like consistency clings to files, making precise placement in the canal easy.

WORKS GREAT WITH C+ FILE ON PAGE 12



Size / Desc.	Prod.#
Syringe Kit	673021
5, 3 ml syringes	
50 tips	
Tip Refill	673022
50 tips	

TECHNICAL TIP

Proper irrigation is essential to successful endodontics procedures. A chemically active irrigant, such as sodium hypochlorite, should precede probing and length determination, and should be used throughout the instrumentation procedure. Glyde File Prep gel should be used to lubricate the files. Not only does Glyde gel facilitate instrument movement, but also creates an effervescent reaction in the presence of NaOCl, which lifts dental debris coronally.

IRRIGATION

MAX-I-PROBE®

Max-I-Probe Irrigating Probes offer a unique design for unmatched effectiveness, patient comfort and safety in irrigating root canals and periodontal pockets.

- Design produces upward flushing motion for complete canal irrigation.
- Side port dispersal prevents solution and debris from being expressed through the apex.
- Closed, rounded end reduces risk of apex damage.
- Available in a wide variety of sizes from 23 gauge to 30 gauge.

Size / Desc. Prod.#

Pkg of 40 Probes

.23 ga x 1" Lt Blue	MAXP234
.24 ga x 1" Violet	MAXP244
.25 ga x 1" Orange	MAXP254
.28 ga x 1" Red	MAXP284
.30 ga x 1" Blue	MAXP304

Pkg of 100 Probes

.23 ga x 1" Lt Blue	MAXP231
.24 ga x 1" Violet	MAXP241
.25 ga x 1" Orange	MAXP251
.28 ga x 1" Red	MAXP281
.30 ga x 1" Blue	MAXP301

Pkg of 100 Probes + 100 Syringes

.23 ga x 1" Lt Blue	MAXP231S
.24 ga x 1" Violet	MAXP241S
.25 ga x 1" Orange	MAXP251S
.28 ga x 1" Red	MAXP281S
.30 ga x 1" Blue	MAXP301S



CONTACT US AT 1.800.924.7393 OR MAILLEFER.COM. TO ORDER, CONTACT YOUR AUTHORIZED MAILLEFER DISTRIBUTOR

ANESTHETIC DELIVERY SYSTEM

DELIVERING PATIENT COMFORT

For over 100 years Dentsply International has been supporting dentists worldwide in their profession. At Dentsply, we ensure quality at each step of the product's journey from sourcing from the right supplier for material to the finished end product arriving at your doorstep.

X-TIP® INTRAOSSEOUS ANESTHETIC DELIVERY SYSTEM

This efficient delivery system makes it easy to anesthetize completely and confidently, while increasing patient comfort. The special funnel-shaped guide sleeve remains in place after drilling to guide your precise injection of anesthetic into the cancellous bone.

Size / Desc.
 Starter System* Pkg of 10
 Refill Pkg of 50
***INCLUDES INSTRUCTIONAL DVD AND TIP CARD**

Prod.#
 XTIP10
 XTIP50

THE X-TIP DELIVERY SYSTEM ADVANTAGE

- *Easy to use guide sleeve provides precise injection of anesthetic into cancellous bone.*
- *Easy reinjection during procedure. No hunting for the hole.*
- *Convenient guide sleeve fits in a standard low-speed hand piece.*

VISIT MAILLEFER.COM FOR A TECHNIQUE DEMONSTRATION VIDEO.



TECHNICAL TIP



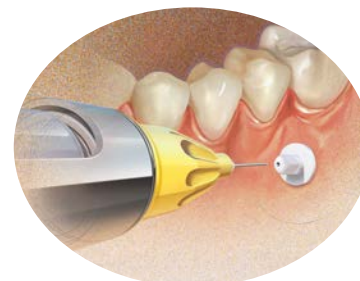
ANESTHETIZING THE INJECTION SITE

- *Select site for injection*
- *Apply topical anesthetic.*
- *Inject a few drops of local anesthetic in mucco-buccal fold.*
- *The injection site should be two to four millimeters apical to the crest of the bone and immediately distal to the tooth for treatment.*
- *Examine pre-operative radiographs of proposed injection site.*
- *Make certain there is room between adjacent roots to accommodate X-Tip and guide sleeve.*
- *Use cotton pliers to press attached tissue against bone for a few seconds to confirm anesthesia of perforation site.*
- *Slight dimple will remain on tissue, marking exact site of penetration.*



PERFORATION OF CORTICAL PLATE

- *Place X-Tip drill and guide sleeve in a slow speed 15,000 to 20,000 RPM hand piece.*
- *Secure guide sleeve against drill with finger while withdrawing red protective cover.*
- *Gently push perforator through attached gingiva until tip contacts bone.*
- *Hold drill at 90° angle to bone.*
- *Run hand piece at maximum speed.*
- *Use intermittent light pressure (forward & neutral motion) to penetrate cortical plate.*
- *Penetration of bone should take no longer than 2-4 seconds. X-Tip drill and guide sleeve will drop into cancellous bone.*
- *Hold guide sleeve in place with finger while detaching & removing drill from guide sleeve.*



INJECTION INTO CANCELLOUS BONE

- *Slowly and gently inject anesthetic through guide sleeve into cancellous bone.*
- *Inject slowly as rapid injection may cause discomfort to patient.*
- *If considerable force is required, X-Tip drill and guide sleeve have not entered suitable cancellous space. Select new injection site.*



SPECIALTY BURS

PRECISELY THE RIGHT BURS FOR EFFICIENT PROCEDURES

The efficiency of endodontic procedures is often determined by achieving proper straight-line access. DENTSPLY Maillefer specialty burs are engineered to make your every action more precise and productive. Expertly machined from tungsten carbide, tungsten steel or stainless steel, these strong, reliable instruments meet the challenges of a variety of applications.



TRANSMETAL™ BUR

(FG) CARBIDE

Extra-fine crosscut shape is designed to remove an old amalgam filling or to cut through porcelain fused to metal crowns without shattering the porcelain or damaging the bur. Cutting surface length: 5 mm; total length: 19 mm.

Size / Desc.

Pkg of 3

19 mm

Prod.#

671798



Transmetal Bur
Cutting Shape



ENDO-ACCESS™ BUR

(FG) STAINLESS STEEL

With a special diamond coating to reduce gouging, this bur's tip matches round bur sizes for initial penetration, while its diamond shaft flares the pulp chamber and the canal walls.

Size / Desc.

Pkg of 3

21 mm 2

21 mm 4

21 mm 6

21 mm 2, 4, 6*

*ASSORTED

Prod.#

668800

668801

668802

668803



LN™ BUR

(RA) TUNGSTEN STEEL

This unique, half-round bur on a long neck allows deep drilling alongside posts or broken instruments. The LN Bur also may be used to break through calcification to locate canals.

Size / Desc.

Pkg of 3

28 mm

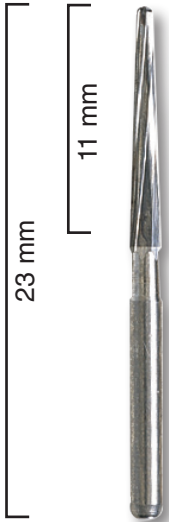
Prod.#

671795



LN Bur
Cutting Shape

SPECIALTY BURS

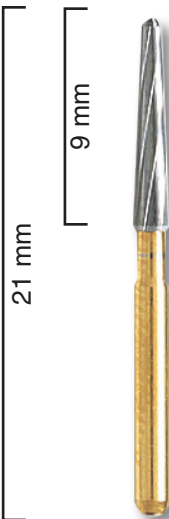


MULTI-PURPOSE™ BUR

(FG) TUNGSTEN CARBIDE

This bur is ideal for a variety of procedures including initial sectioning of impacted molars, cutting of teeth at root level, and root separation and amputation.

Size / Desc.	Prod.#
<i>Pkg of 3</i> 23 mm	671797



ENDO-Z™ BUR

(FG) TUNGSTEN CARBIDE, SAFE-ENDED

After initial penetration, this long, tapered bur creates a funnel shape for easier access in the pulp chamber. The safe-ended, non-cutting tip prevents penetration of the pulp chamber floor or the root canal walls. Cutting surface length: 9 mm; total length: 21 mm.

Size / Desc.	Prod.#
<i>Pkg of 3</i> 21 mm	671796

ENGINE-DRIVEN INSTRUMENTS

DRIVEN BY QUALITY

DENTSPLY Maillefer engine-driven instruments are crafted with the same dedication to performance and reliability as our trusted hand instruments. Manufactured in our Switzerland facility of specially formulated, superior stainless steel, they resist the corrosive forces of autoclaving and other sterilization methods.

The instruments offer outstanding cutting efficiency thus reducing user fatigue. In addition, easy identification is built-in to each instrument's design. DENTSPLY Maillefer Gates Glidden Drills and Peeso Reamers, for example, are notched for quick identification. ISO color coding also indicates the cutting diameter of each Gates Glidden.

PEESO REAMER

STAINLESS STEEL

The Peeso Reamer is excellent for enlarging the cervical portion of the canal, preparing the canal entrance, and removing gutta-percha for post space. Notched for easy size identification, they can be used in any right-angle handpiece. Available in standard (32 mm) and short (28 mm) lengths.



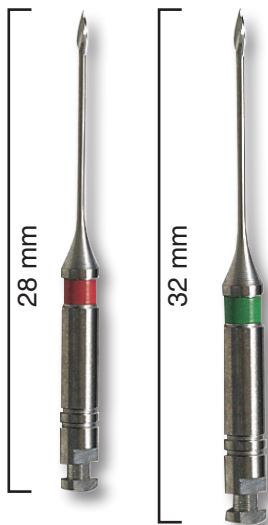
Size / Desc.	Prod.#	Prod.#
<i>Pkg of 6</i>	<i>28 mm</i>	<i>32 mm</i>
1	671537	671510
2	671538	671511
3	671539	671512
4	671540	671513
5	671541	671514
6	671542	671515
1-6*	671543	671516







*ASSORTED

GATES AND SHORT GATES™ GLIDDEN DRILLS

STAINLESS STEEL

Gates Gliddens can be used in any right-angle handpiece to enlarge the coronal portion of the canal for bulk removal of tooth structure. They are notched for easy size identification and are available in standard (32 mm) and short (28 mm) lengths, which are excellent for use in posterior canals. ISO color-coded to indicate cutting diameter.



Size / Desc.	Prod.#	Prod.#
<i>Pkg of 6</i>	<i>28 mm</i>	<i>32 mm</i>
1	 671530	671500
2	 671531	671501
3	 671532	671502
4	 671533	671503
5	 671534	671504
6	 671535	671505
1-6*	671536	671506

*ASSORTED

ENGINE-DRIVEN INSTRUMENTS

ENGINE-DRIVEN HEDSTROM FILE

STAINLESS STEEL

The Hedstrom file is combined with the efficiency of engine instrumentation and ISO color identification. (The Engine-Driven Hedstrom File must be used in a reciprocating handpiece.)



Size / Desc.	Prod.#	Prod.#	Prod.#
<i>Pkg of 6</i>	21 mm	25 mm	28 mm
15	671058	671072	671086
20	671059	671073	671087
25	671060	671074	671088
30	671061	671075	671089
35	671062	671076	671090
40	671063	671077	671091
15-40*	671064	671078	671092
45	671065	671079	
50	671066	671080	
55	671067	671081	
60	671068	671082	
70	671069	671083	
80	671070	671084	
45-80*	671071	671085	

*ASSORTED

ENGINE-DRIVEN K-REAMER

STAINLESS STEEL

The Engine-Driven K-Reamer provides flexibility, cutting ability and engine efficiency. It is also an excellent choice for cutting through calcification. ISO sized and color-coded to indicate diameter.



Size / Desc.	Prod.#	Prod.#	Prod.#
<i>Pkg of 6</i>	18 mm	21 mm	25 mm
10	671001	671020	671039
15	671002	671021	671040
20	671003	671022	671041
25	671004	671023	671042
30	671005	671024	671043
35	671006	671025	671044
40	671007	671026	671045
15-40*	671008	671027	671046
45	671009	671028	671047
50	671010	671029	671048
55	671011	671030	671049
60	671012	671031	671050
70	671013	671032	671051
80	671014	671033	671052
45-80*	671015	671034	671053
90	671016	671035	671054
100	671017	671036	671055
110	671018	671037	671056
120	671019	671038	671057

*ASSORTED

LENTULO® SPIRAL FILLER

STAINLESS STEEL

This ISO color-coded instrument has consistently spaced spirals which provide outstanding flexibility in distributing root canal sealer evenly throughout the root canal system.



Size / Desc.	Prod.#	Prod.#	Prod.#
<i>Pkg of 4</i>	17 mm	21 mm	25 mm
1	■ 671550	671560	671570
2	■ 671551	671561	671571
3	■ 671552	671562	671572
4	■ 671553	671563	671573
1-4*	671554	671564	671574

***ASSORTED**

OBTURATION

EXPERIENCE

DENTSPLY Maillefer has significant experience in the field of canal obturation and can therefore propose solutions for most clinical cases. These solutions are as much appreciated by the general dentists as they are by endodontists.

DENSHEAT® OVEN III

This specially designed heat source for endodontic obturators provides three-dimensional heat which is evenly maintained in the heating chamber until the obturator is ready to use, making it ideal for multi-canal procedures.

Depending on the size of the obturator, it will be heated in 29 to 49 seconds in single and dual heating modes. A built-in timer audibly signals when the filling material reaches the right temperature. The obturator will be kept at the right temperature for 90 seconds.

Slow-release obturator holders are designed to allow stable vertical entry and exit of the heating chamber. The oven includes indicator lights and audible alerts to indicate status changes. The cleaning mode raises the temperature of the oven and softens gutta-percha inside the heating chamber for removal.



Size / Desc.	Prod.#
Pkg of 1	DENSHEATIII

DENSHEAT® THERMAL ENDODONTIC OBTURATION SYSTEM

The Dentsfil® System ensures an efficient three-dimensional seal of the root canal space. Refill carriers are available in biocompatible, radiopaque medical-grade plastic.

Size / Desc.	Prod.#
Densfil System	669297
1 DensHeat Oven	
20 Plastic Obturators (Sizes 20-40*, 25 mm)	
1 AH Plus Jet® Root Canal Sealer	
1 Practice Kit	
1 Size Verification Refill*	
Pkg of 6, (Sizes 20-40*, 25 mm)	
1 Densfil Manual	

*ASSORTED



OBTURATION

DENSFIL® PLASTIC AND TITANIUM OBTURATORS

EFFICIENT, THREE-DIMENSIONAL FILLS WITH A .04 TAPER.

Plastic: (Use only with DensHeat® Oven) Made from biocompatible, nontoxic, radiopaque medical-grade plastic. Densfil plastic carriers are available in sizes #20 to #100. Post placement is simplified using Densfil plastic carriers (25 mm).

Titanium: (Use only with DensHeat® Oven) Densfil titanium obturators are available in sizes #20 to #60 (25 mm).



DENSFIL PLASTIC OBTURATORS

Refill Pkg:
Plastic - Pkg of 6 Obturators

Size / Desc.	Prod.#
20	669199
25	669200
30	669201
35	669202
40	669203
45	669204
50	669205
55	669206
60	669207
70	669208
80	669209
90	669210
100	669211

Refill Pkg:
Plastic - Pkg of 30 Obturators

Size / Desc.	Prod.#
20	669249
25	669250
30	669251
35	669252
40	669253
45	669254
50	669255
55	669256
60	669257

Refill Pkg:
Plastic - Pkg of 20 Obturators

Size / Desc.	Prod.#
20-40*	669267
45-100*	669268
*ASSORTED	

DENSFIL TITANIUM OBTURATORS

Starter Kit:
Titanium - Pkg 30 Obturators

Size / Desc.	Prod.#
20-60*	669168
*ASSORTED	

Variety Kit:
Titanium - Pkg 30 Obturators

Size / Desc.	Prod.#
20-45*	669169
*ASSORTED	

Refill Pkg:
Titanium - Pkg of 6 Obturators

Size / Desc.	Prod.#
20	669100
25	669101
30	669102
35	669103
40	669104
45	669105
50	669106
55	669107
60	669108

Refill Pkg:
Titanium - Pkg of 30 Obturators

Size / Desc.	Prod.#
20	669150
25	669151
30	669152
35	669153
40	669154
45	669155
50	669156
55	669157
60	669158



DENSFIL® SIZE VERIFICATION DEVICE

This plastic size verification device helps determine the correct obturator size to use for the obturation procedure.

Size / Desc.	Prod.#
Size Verif. Kit	669298
30 Verifiers (20-90*)	

Refills

Pkg of 6

20	■ 669301
25	■ 669302
30	■ 669303
35	■ 669304
40	■ 669305
20-40*	669300
45	 669306
50	■ 669307
55	■ 669308

*ASSORTED

OBTURATION

AH PLUS JET[®] ROOT CANAL SEALER

**SAME GREAT SEAL.
EVEN GREATER EFFICIENCY.**
Achieving an excellent seal with the time-tested formula endodontists trust is more efficient with AH Plus Jet sealer. Its innovative delivery system eliminates the need for manual mixing prior to use, while enabling direct and precise placement into the canal or on a traditional mixing pad.

AH PLUS JET SEALER DOES THE MIXING FOR YOU.
Utilizing the proven, resin-based AH Plus[®] sealer formula, AH Plus Jet sealer features an innovative double-barrel syringe that automatically and precisely mixes the paste-to-paste-formula in the necessary 1:1 ratio. No manual mixing or assistance is required. Just depress the syringe's plunger for a controlled, homogeneous mixture – and the confidence of knowing it's exactly right.

**EASY TO USE,
WHATEVER YOUR TECHNIQUE.**
With a working time of four hours and a setting time of eight hours, AH Plus Jet sealer is designed to be easy to work with and effective. Its excellent flow characteristics allow it to reach and seal lateral canals, making it especially suited to warm gutta-percha methods.

ALL THE CHARACTERISTICS YOU KNOW AND TRUST
While AH Plus Jet sealer delivers added efficiency and precision, its preloaded sealer remains true to its proven, patented formula. You get all the properties endodontists have come to expect - starting with excellent biocompatibility, making a viable solution to postoperative problems such as sensitivity and periapical inflammation. In addition, its slow solubility makes it resistant to breaking down over time. And its minimal shrinkage reduces gapping between the sealer and the canal wall. Should the need for removal arise, the sealer's thermoplastic properties make the task easier, whether using chemicals or a drill.

Size / Desc.	Prod.#
AH Plus Jet Starter Kit	667005
AH Plus Jet Refill Tips	667006
AH Plus Jet Syringe Refill	667007



AH PLUS® ROOT CANAL SEALER

AH Plus Root Canal Sealer is a resin-based formula with excellent radiopacity, low shrinkage, low solubility and outstanding flow characteristics. It features a 1:1, paste-to-paste mixing system for fast, easy preparation and less waste. AH Plus is biocompatible and silver free.



AH Plus sealer offers a four-hour working time and eight-hour setting time. Its thermoplastic properties make it easy to remove, whether you're using chemicals or a drill.

- *Paste/paste system for fast, easy mixing and dosage control.*
- *Excellent radiopacity for easy detection.*
- *Outstanding dimensional stability and low solubility for a durable, safe seal.*
- *Outstanding flow characteristics to flow into and seal lateral canals.*
- *Biologically inert.*
- *Silver-free for no discoloring of teeth.*
- *Thermoplastic ability makes it easy to remove.*
- *Four-hour working time means no waste of material on pad.*
- *Eight-hour setting time allows for corrections of fillings.*
- *Compatible with any filling technique.*

Size / Desc.
Complete Pkg

Prod.#
667003

AH 26® ROOT CANAL SEALER

SUPERIOR SEAL EVERY TIME.

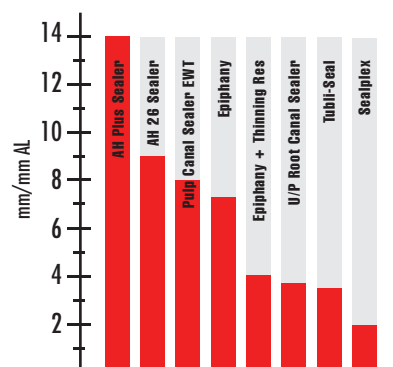
This resin-based, non-acrylic, eugenol-free sealer offers excellent radiopacity, as well as slow setting and working times. It is suitable for all obturation techniques.

- *Working time 4-6 hours.*
- *Setting time 9-15 hours.*

Size / Desc.
Complete Pkg
8 gram powder
10 gram resin
AH 26 Refill
10 gram resin

Prod.#
667000

667002



AH Plus Jet Sealer/AH Plus Root Canal Sealer performed best in test measuring radiopacity.*

*Study performed by DENTSPLY deTray, Konstanz, Germany.

Pulp Canal Sealer EWT™, Epiphany®, Epiphany® + Thinning Res, U/P Root Canal Sealer, Tubli-Seal™ and Sealplex™ are not trademarks of DENTSPLY International, Inc.

OBTURATION

GUTTA-PERCHA POINTS

Offered in an extended range of sizes suitable for various obturation techniques.

- .02 taper
- .04 taper
- .06 taper - ISO sizes (color-coded or non color-coded)
- Accessory/Non-standardized sizes



GUTTA-PERCHA NON COLOR-CODED

.02 Taper, Accessory Box of 120
6 Vials of 20 pts

Size / Desc.	Prod.#
X-Fine	670920
Fine-Fine	670921
Medium-Fine	670922
Fine	670923
Fine-Medium	670924
Medium	670925
Large	670926
X-Large (Box of 60)	670927
XF-Medium*	670944

*ASSORTED

.02 Taper, ISO Box of 120
6 vials of 20 pts

Size / Desc.	Prod.#
15	670928
20	670929
25	670930
30	670931
35	670932
40	670933
15-40*	670945
45	670934
50	670935
55	670936
60	670937
70	670938
80	670939
90	670940
100	670941
110	670942
120	670943

*ASSORTED

GUTTA-PERCHA ISO COLOR-CODED

.02 Taper, ISO Box of 120
6 Vials of 20 pts

Size / Desc.	Prod.#
15	670968
20	670969
25	670970
30	670971
35	670972
40	670973
15-40*	670985
45	670974
50	670975
55	670976
60	670977
70	670978
80	670979
90	670980
100	670981
110	670982
120	670983

*ASSORTED

GUTTA-PERCHA ISO COLOR-CODED

.04 Taper, ISO Box of 120
Size / Desc. Prod.#

15	670948
20	670949
25	670950
30	670951
35	670952
40	670953
15-40*	670954

*ASSORTED

.06 Taper, ISO Box of 120

Size / Desc.	Prod.#
15	670955
20	670956
25	670957
30	670958
35	670959
40	670960
15-40*	670961

*ASSORTED

GUTTA-PERCHA GAUGE

Used to customize accessory-size gutta-percha to ISO sizing; and to measure files, gutta-percha points, and absorbent points.

Size / Desc.	Prod.#
Gauge	671994



ABSORBENT PAPER POINTS

Maillefer's paper points offer excellent absorbency and come in economical bulk and convenient cell packages. They are available in .02 ISO and accessory sizes, including tapered .04 and .06 - specially designed to match the tapered shapes created by today's instruments and techniques.

<i>Non Color-Coded .02 Taper</i>	<i>Bulk Pkg Pkg 200</i>	<i>Cell Pkg Pkg 180</i>
Size / Desc.	Prod.#	Prod.#
X-Fine	670153	670065
Fine	670154	670066
Medium	670155	670067
Coarse	670156	670068
X- Coarse	670157	670069
Long Size "A"	670158	
(XF-C)*	670151	670071

*ASSORTED

<i>ISO Sizes .04 Taper, Box of 180</i>	Prod.#
Size / Desc.	
15	□ 670186
20	■ 670187
25	■ 670188
30	■ 670189
35	■ 670190
40	■ 670191
15-40*	670192

*ASSORTED

<i>ISO Sizes</i>	Prod.#	Prod.#
Size / Desc.		
15	□ 670408	670172
20	■ 670409	670173
25	■ 670410	670174
30	■ 670411	670175
35	■ 670412	670176
20-35*	670420	
40	■ 670413	670177
15-40*		670184
45	□ 670414	670178
50	■ 670415	670179
55	■ 670416	670180
60	■ 670417	670181
45-60*	670421	
70	■ 670418	670182
80	■ 670419	670183
45-80*		670185
55-80*	670422	

*ASSORTED

<i>ISO Sizes .06 Taper, Box of 180</i>	Prod.#
Size / Desc.	
15	□ 670193
20	■ 670194
25	■ 670195
30	■ 670196
35	■ 670197
40	■ 670198
15-40*	670199

*ASSORTED











OBTURATION

FINGER PLUGGER



The unique design of this instrument combines a conical shape with a flat tip allowing for both lateral and vertical condensation of gutta-percha. Available with either a plastic or metal handle.





Size / Desc.	Prod.#	Prod.#
<i>Plastic Handles</i>		
<i>Pkg of 4</i>	21 mm	25 mm
20 A	 671700	671710
25 B	 671701	671711
30 C	 671702	671712
35 D	 671703	671713
20-35*	671704	671714
*ASSORTED		

Size / Desc.	Prod.#	Prod.#
<i>Metal Handles</i>		
<i>Pkg of 4</i>	21 mm	25 mm
20 A	 671705	671715
25 B	 671706	671716
30 C	 671707	671717
35 D	 671708	671718
20-35*	671709	671719
*ASSORTED		

FINGER SPREADER



Used for lateral condensation, this traditional stainless steel instrument is available in four ISO sizes: 10, 20, 30, and 40. Each size is color-coded for easy and positive identification.

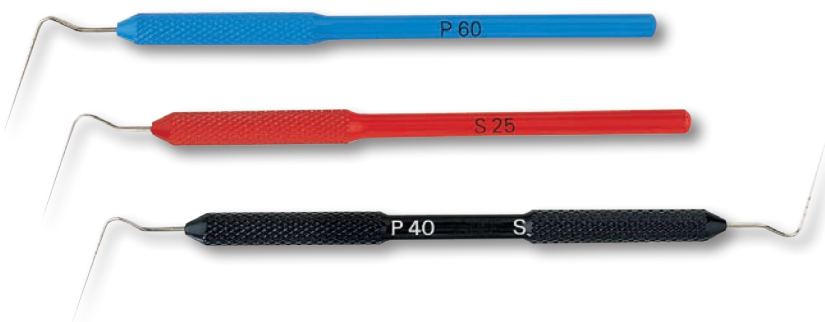
Size / Desc.	Prod.#
<i>Pkg of 4</i>	21 mm
10	 671720
20	 671721
30	 671722
40	 671723
10-40*	671724
*ASSORTED	

M-SERIES™ PLUGGER AND SPREADER

ISO sizing and tapering virtually eliminate binding and allow deeper penetration for a better apical seal.

These patented instruments are ergonomically balanced for easy manipulation of curved canals, ISO color-coded, and available in either a single-ended or double-ended spreader/plugger combination.

- Calibration rings provide quick, accurate depth determination.
- Available in single-ended plugger or spreader and double-ended plugger/spreader combination.



NICKEL TITANIUM SPREADER

Created from flexible nickel titanium, these spreaders offer super elasticity for deeper penetration into the apical third. Unlike rigid stainless steel instruments, nickel titanium spreaders allow for an optimal gutta-percha fill with less stress on the canal anatomy. And because they can flex and return to their original shape with ease, they provide superior resistance to fracture and wear.

M-SERIES PLUGGERS SINGLE-ENDED

Size / Desc.	Prod.#
Pkg of 1	
30	668915
40	668916
50	668917
60	668918
70	668919
80	668920
30-80 (1 EA.)*	668914

M-SERIES SPREADERS SINGLE-ENDED

Size / Desc.	Prod.#
Pkg of 1	
20	668908
25	668909
30	668910
40	668911
50	668912
60	668913
20-60 (1 EA.)*	668907

M-SERIES PLUGGERS/SPREADERS DOUBLE-ENDED

Size / Desc.	Prod.#
Pkg of 1	
20	668901
25	668902
30	668903
40	668904
50	668905
60	668906
20-60 (1 EA.)*	668900

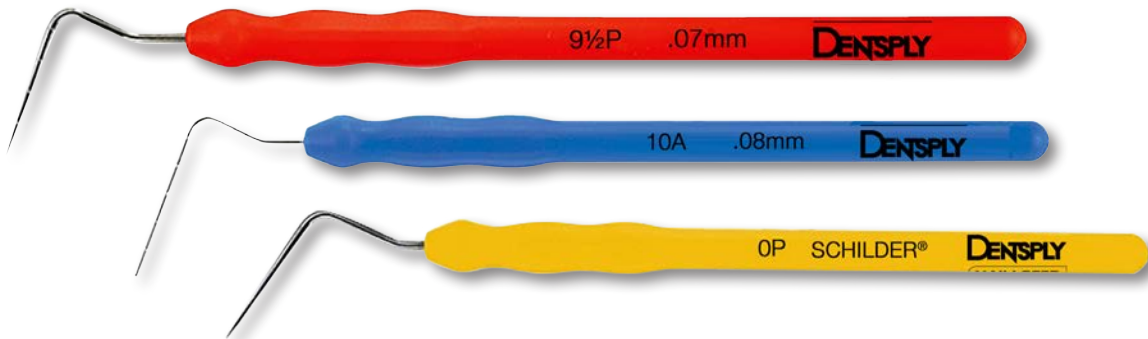
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Size / Desc.	Prod.#
Sizes D-11 Spreader	668921
Sizes D-11T Spreader	668922

OBTURATION

SCHILDER® HEAT CARRIER AND PLUGGER STAINLESS STEEL & SILICONE HANDLE

Designed exclusively for the Schilder warm vertical gutta-percha technique, these patented pluggers and heat carriers are created from a special heat sink stainless steel and are angled inward for easy insertion. They are available in anterior and posterior configurations to allow for easier access. All Schilder instruments feature a comfortable silicone grip.



HEAT CARRIERS

SPREADERS	ANT.	POST.
Size / Desc.	Prod.#	Prod.#
Pkg of 1	(long)	(short)
0 - Yellow	668419	668421
00 - Red	668420	668422

HEAT CARRIERS

PLUGGERS	ANT.	POST.
Size / Desc.	Prod.#	Prod.#
Pkg of 1	(long)	(short)
8 - Blue	668401	668410
8 1/2 - Green	668402	668411
9 - Yellow	668403	668412
9 1/2 - Red	668404	668413
10 - Blue	668405	668414
10 1/2 - Green	668406	668415
11 - Yellow	668407	668416
11 1/2 - Red	668408	668417
12 - Blue	668409	668418

WORKING TIP

DIAMETER CHART FOR SCHILDER PLUGGERS

Pluggers Tip Diameter	8	8.5	9	9.5	10	10.5	11	11.5	12
Representative Sizes	•	•	•	•	•	•	•	•	•
Anterior/Posterior (mm)	.4318	.5334	.635	.6858	.7874	.889	1.0922	1.294	1.4986

ORGANIZERS & ACCESSORIES

CUSTOMIZE YOUR ORGANIZATION

Whether you prefer to centralize your inventory or provide individual patient setups, DENTSPLY Maillefer has the organizer to make your work flow. These smart organizers are designed to facilitate sterilization and maximize your efficiency. All are sold without instruments to allow for customization.

ENDO CLEAN STANDS

Constructed of high-heat resistant, autoclavable plastic, these multipurpose mini-organizers are useful for cleaning, sterilizing and staging instruments.

- Round Stand Diameter = 40 mm, height = 30 mm
- Oval Stand Diameter = 60 mm, height = 35 mm

Size / Desc.	Prod.#
Endo Clean Stand - Round	671682
Sponge Refill	
Pkg of 25, Round	671683
Endo Clean Stand - Oval	671678
Sponge Refill	
Pkg of 25, Oval	671600



ENDO STANDS

Keeps up to 40 instruments close at hand. Constructed of autoclavable aluminum with a stainless steel container.

- 94 mm x 82 mm x 45 mm

GREAT FOR ROTARY INSTRUMENTS.

Size / Desc.	Prod.#
Endo Stand	671681



SURE-STOP® SILICONE DISPENSER

This patented device provides safe and easy placement of pre-notched silicone stops. Each holds 200 silicone stops. Stops are 1.5 mm in thickness. Available in red, yellow, blue or black.

Size / Desc.	Prod.#
Pkg of 1	
Red	671675
Yellow	671672
Blue	671673
Black	671674



ORGANIZERS AND ACCESSORIES

TWIN-BLOC™ ORGANIZER

The Twin-Bloc Organizer by DENTSPLY Maillefer combines the convenience of two of our most popular organizers into an efficient, multi-purpose, autoclavable unit. Organize, stage, clean, and sterilize on one side. Easily measure your working length and accurately set stops on the other side.

- 15.2 cm x 5.1 cm x 3.8 cm

Size / Desc.

Twin-Blo Organizer
Sponge Refill, Pkg of 25

Prod.#

671694
671600



ENDO CONTAINER

Holds and organizes gutta-percha, paper points and Densfil® Obturators while easily identifying materials according to ISO-standard colored tubes. Autoclavable, removable insert.

- 10 cm x 9 cm x 5 cm

Size / Desc.

Container

Prod.#

671395



PATIENT SET-UP ORGANIZER

Stores up to 40 files, Hedstroms and reamers prior to use. A separate sponge section can be used as an initial infection-control step following procedure. Autoclavable, removable insert.

- 90 mm x 102 mm x 50 mm

Size / Desc.

Organizer
Sponge Refill,
Pkg of 10

Prod.#

671995

671679

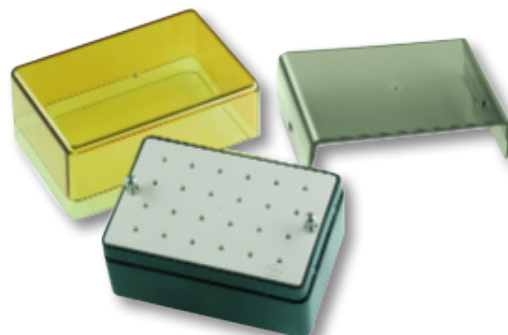


INCREASED TAPER ENDO ORGANIZER

This durable organizer is made specifically for increased taper hand and rotary instruments. Its simple yet useful design offers easy staging and sterilizing of your files. Built to last, it's constructed of highly heat-resistant, autoclavable plastic with a snap-down lid.

Size / Desc.
Pkg of 1

Prod.#
671486



ENDO-M-BLOC™ AND FILEMATE™ MEASURING DEVICES

The Endo-M-Bloc and FileMate measuring devices feature half-millimeter depth guides to ensure accurate measurements. These measuring devices take the guess work out of setting endodontic stops. The aluminum Endo-M-Block measuring block features 42 depth guides. The FileMate measuring block has 32 depth guides.

Size / Desc.
Pkg of 1

Endo-M-Bloc Measuring Block
FileMate Measuring Block

Prod.#

671676
671677



WORKING TIP

ENDO-M-BLOC AND FILEMATE APPLICATIONS

Cleaning and shaping can have no greater precision than working length. It is extremely important to make accurate determination. - Dr. Stephen Cohen and Dr. Richard C. Burns, Pathways of the Pulp, Pg. 209

ORGANIZERS AND ACCESSORIES

INSTRUMENT ORGANIZER

A variety of insert choices allow you to customize this versatile organizer. Sterilizes burs and files in one container. Inserts sold separately.

- 10 cm x 5 cm x 4.5 cm

Dark Red - Right-angle Burs
White - Handpiece/Lab Burs
Green - 32 mm Right-angle, Long
Yellow - Friction Grip Burs
Orange - Endo Hand Instruments

GREAT FOR ROTARY INSTRUMENTS.

Size / Desc.	Prod.#
Pkg of 1	
Plastic Box	671396
Dark Red Insert	671397
White Insert	671398
Green Insert	671299
Yellow Insert	671484
Orange Insert	671485



SPLIT KIT

Holds a combination of 139 hand and engine instruments with 28 vials for paper points, gutta-percha points, and Densfil® Obturators. There is even a section for cotton pellets. Plus, the anodized aluminum construction features a removable tray.

- 216 mm x 102 mm x 50 mm

Size / Desc.	Prod.#
Pkg of 1	671996

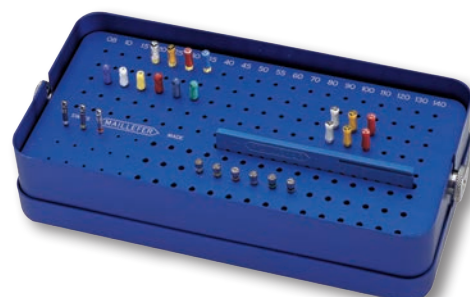


SOSIO BOX

Holds a wide selection of 147 hand and engine-driven instruments in a removable tray within an anodized aluminum container. Lid locks shut for safety.

- 182 mm x 92 mm x 41 mm

Size / Desc.	Prod.#
Pkg of 1	671680



POST SYSTEMS

COMPLETE SYSTEMS FOR STABILITY AND RETENTION.

DENTSPLY Maillefer's post systems are precision engineered for safety, stability and simplicity with a range of sizes to cover any situation. The Radix-Anker® Post System features a vented parallel post. A true breakthrough in post technology, the Cytco®-K Post system combines the best of parallel and tapered designs for the optimal combination of high retention and low stress.

RADIX-ANKER® POST SYSTEM

A fully vented parallel post means less chance of excess pressure at the apical section of the canal. Self-tapering threads make these posts ideal for reconstruction of remaining tooth structure without the excess stress of a fully-treaded post. The Radix-Anker core section has 20 undercuts that secure any core material tooth surface. Made of titanium alloy.

RADIX-ANKER POST SYSTEMS

Introductory Kit
 12 Radix-Anker Posts*
 1 Penetration Drill
 1 Rooter Facer
 1 Spiral Bur
 1 Gauge
 1 Mandrel
 1 Wrench
 1 Lentulo® Spiral Filler

***ASSORTED**

Size / Desc.	Prod.#
1 - Yellow	671603
2 - Red	671604
3 - Blue	671605

Radix 123B Introductory Kit
 18 Radix-Anker Posts*
 3 Penetration Drill
 1 Root Facer
 1 Spiral Bur
 1 Gauge
 1 Mandrel
 1 Wrench
 1 Lentulo® Spiral Filler
 1 Radiograph Guide

***ASSORTED**

Size / Desc.	Prod.#
123B Kit	671606

RADIX-ANKER POST

Size / Desc.	Prod.#
Pkg of 12	
1 - Yellow	671613
2 - Red	671614
3 - Blue	671615
1, 2, 3*	671616
*ASSORTED	

RADIX-ANKER PENETRATION DRILL

Size / Desc.	Prod.#
Pkg of 6	
1 - Yellow	671620
2 - Red	671621
3 - Blue	671622

RADIX-ANKER ROOT FACER

Size / Desc.	Prod.#
Pkg of 6	
1 - Yellow	671630
2 - Red	671631
3 - Blue	671632

RADIX-ANKER SPIRAL BUR

Size / Desc.	Prod.#
Pkg of 6	
1 - Yellow	671640
2 - Red	671641
3 - Blue	671642

RADIX-ANKER ACCESSORIES

MEASURING GAUGE

Size / Desc.	Prod.#
Pkg of 1	
1 - Yellow	671650
2 - Red	671651
3 - Blue	671752

WRENCH

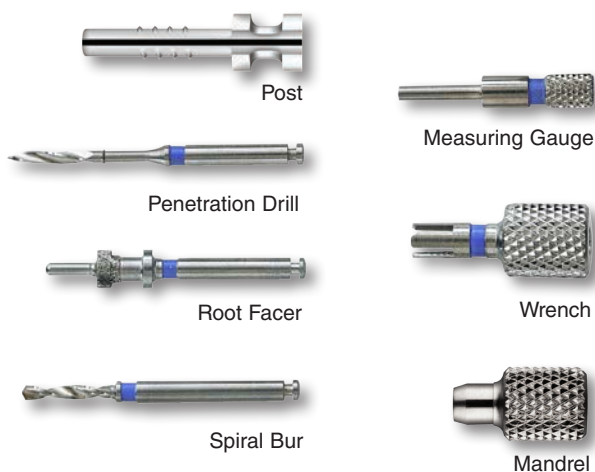
Size / Desc.	Prod.#
Pkg of 1	
1 - Yellow	671660
2 - Red	671661
3 - Blue	671662

MANDREL

Size / Desc.	Prod.#
Pkg of 1	671670



Radix-ANKER
Post
Cutting Shape



POST SYSTEMS

CYTCO®-K TITANIUM ALLOY POST SYSTEM

For stability and retention, titanium-alloy Cytco-K posts feature a parallel design, with tapered ends designed to eliminate stress in the apical portion. Each post has self-tapering threads that secure themselves only in the cervical area of the root where the walls are thickest. Two vent grooves run the length of the post to allow excess cement and dentinal debris to escape. Posts are available in a range of sizes to fit all your root canal preparations. Radiograph guide included to assist in post size selection. A sterilization and storage block is also available.

Kits contains 12 of the innovative Cytco-K posts, drills, gauge, wrench, and a radiograph guide for measuring post length. The Cytco-K post integral kit combines the best of parallel and tapered designs in one complete post system.



Wrench



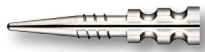
Gauge



Combination Drill



Penetration Drill



Post

INTEGRAL KITS

Size / Desc.	Prod.#
Long Post/Short Head - Red	671962
Long Post/Long Head - Red	671963
Long Post/ Short Head - Green	671964
Long Post/ Long Head - Green	671965

PENETRATION DRILLS

Size / Desc.	Prod.#
<i>Pkg of 3</i>	
Small - Gray	671946
Medium - Red	671947
Large - Green	671948

COMBINATION DRILLS

Size / Desc.	Prod.#
<i>Pkg of 3</i>	
Small - Gray	671949
Medium - Red	671950
Large - Green	671951

POST REFILLS

Size / Desc.	Prod.#
<i>Pkg of 12</i>	
S50A - Gray	671941
L50A - Red	671942
L50B - Red	671943
L80A - Green	671944
L80B - Green	671945

ACCESSORIES

GAUGE

Size / Desc.	Prod.#
<i>Pkg of 1</i>	
Small - Gray	671952
Medium - Red	671953
Large - Green	671954

WRENCH

Size / Desc.	Prod.#
<i>Pkg of 1</i>	
Small - Gray	671955
Medium - Red	671956
Large - Green	671957

MANDREL

Size / Desc.	Prod.#
<i>Pkg of 1</i>	
	671670

RADIOGRAPH GUIDE

Size / Desc.	Prod.#
<i>Pkg of 1</i>	
	671959



Cytco-K Post Cutting Shape

STERILIZATION GUIDE

THE MAILLEFER GUIDE TO INSTRUMENT STERILIZATION

<i>Products</i>	<i>Autoclave Water Stream</i>	<i>Autoclave Chemical Vapor</i>	<i>Hot Air + C° Max. 180°</i>	<i>Disinfectant Bath & Cold Sterilization</i>	<i>Flame Heat</i>	<i>Observations</i>
HAND INSTRUMENTS K-File, FlexoFile®, Hedstrom File, C+ File, C-File, K-Reamer, Barbed Broach, SureFlex®, FlexoReamer®, UniFile®, Handy Lentulo® Paste Carrier, Micro-Openers, Micro-Debriders	Yes	Yes	Yes	Possible, see observations	Stainless steel shaft only, may curl in direct heat	A variable reaction (from zero to strong) may take place, depending upon the concentration of the utilized product. The result is fading of the color markings.
ENGINE DRIVEN INSTRUMENTS Pesso Reamer, Gates and Short Gates™, Lentulo® Spiral, Engine Driven K-Reamer, Engine Driven Hedstrom	Yes	Yes	Yes	Possible, see observations	Small sizes may curl in direct heat	A variable reaction (from zero to strong) may take place, depending upon the concentration of the utilized product. The result is fading of the color markings.
SPECIALTY BURS Transmetal™ Bur, Endo Access™ Bur, Endo-Z™ Bur, Multi-Purpose™ Bur, LN™ Bur	Yes	Yes	Yes	Possible, see observations	Yes	A variable reaction (from zero to strong) may take place, depending upon the concentration of the utilized product. The result is fading of the color markings. The result could be a darkening of the steel or gold plating. Glutaraldehyde-based cold sterilization solutions are inappropriate because they weaken the bur welds.
OBTURATION Densfil®, DensHeat® Oven	No	No	No	Possible, see observations	No	Using an appropriate solvent such as orange solvent, to remove the gutta-percha on all the working and Teflon®-coated surfaces. Caution: use plastic instrument to remove bake-hardened gutta-percha. A sharp metal instrument will damage the Teflon coating. Disinfect the Teflon-coated surfaces with an approved disinfecting agent. Fist wipe to clean, then wipe to disinfect.
OBTURATION Plastic Obturators, Titanium Obturators	No	No	No	Possible, see observations	No	DISINFECT the obturator in a 5.35% sodium hypochloride solution (bleach) for one minute. RINSE the obturator in 70% alcohol. DRY the obturator for several seconds on a clean work surface to allow evaporation of excess alcohol.
OBTURATION Size Verification Device	No	No	No	Possible, see observations	No	Verification devices can be cold sterilized. Please note that number markings may fade.
PLUGGERS, HEAT CARRIERS, AND SPREADERS Finger Plugger (metal and plastic handles), Finger Spreader, Schilder® Heat Carriers and Pluggers, M-Series™ Pluggers and Spreaders	Yes	Yes	Yes	Possible, see observations	Yes- stainless steel only (M-Series at elbow only)	M-Series only: Prior to sterilization, if cleaning in an ultrasonic unit, the M-Series should not be cleaned with other instruments in order to prevent chipping of the handle.
POST SYSTEMS Cytco®-K & Radix: Posts, Drills, Penetration Drill, Combination, Root Facer, Spiral Bur, Accessories: Gauge, Wrench, Mounting Block, Mandrel	Yes	Yes	Yes	Possible, see observations	Yes	A variable reaction (from zero to strong) may take place, depending upon the concentration of the utilized product. The result is a fading of the color markings
ORGANIZERS AND GAUGES Endo Stand, Endo-M-Bloc™, Split Kit, Sosio Box, Endo Clean Stand, Patient Set-Up (red insert only), Gutta-Percha Gauge, FileMate™, Instrument Organizer, Sure-Stop®	Yes	Yes	Yes	Possible, see observations	No	A variable reaction (from zero to strong) may take place, depending upon the concentration of the utilized product. The result is a fading of the anodization. If the anodization is scratched, rapid deterioration by chemical agents may occur. Aluminum salts are not appropriate for sterilization.

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Products Made Up Of Multiple Components Must Remain Intact Until Delivered To The Dental Office Or Laboratory.

FOOT NOTES

¹ *Strategic Dental Marketing, 3rd Quarter 2007*

² *International Endodontic Journal, (1995) March; 28 (2): 68-76, "Root canal instruments for manual use: cutting efficiency and instrumentation of curved canals," J. Tepel, E. Schafer & W. Hoppe*



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