

DENTSPLY MAILLEFER ENDODONTICS



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*TO ORDER MAILLEFER ENDODONTIC
PRODUCTS, CALL YOUR AUTHORIZED
MAILLEFER DISTRIBUTOR OR CALL
1.800.924.7393*

Maillefer products are manufactured under one or more of the following US Patents; 5,692,902, 5,624,976, 5,624,259, 5,655,950, 5,762,541, 5,628,674, 5,527,205, 5,941,760, 5,464,362, 4,934,934, 4,758,156, 4,894,011, 5,089,183, 5,098,298, 5,118,297, 5,149,268, 5,833,457, 5,088,927, 4,721,735, 6,287,114 B1



A COMMITMENT TO INNOVATION.

*Advancing the treatment of dental disease is more than Maillefer's great legacy - it's our ongoing promise. That's why, throughout this catalog, you'll 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 provide 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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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, 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.

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, the Maillefer K-File is the #1 selling hand file in America.¹

K-FILES				
PLASTIC HANDLES				
Size/Desc.	Prod. #	Prod. #	Prod. #	
Pkg of 6	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	
• 90-110	671122	671152	671183	
• 120-140	671123	671153	671184	

*Assorted

C-FILE STAINLESS STEEL



Maillefer 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.

C-FILES			
Size/Desc.	Prod. #	Prod. #	
Pkg of 6	21 mm	25 mm	
6	670999	670994	
8	670998	670995	
10	670997	670996	

C+FILE ULTRA STIFF STAINLESS STEEL

The 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.

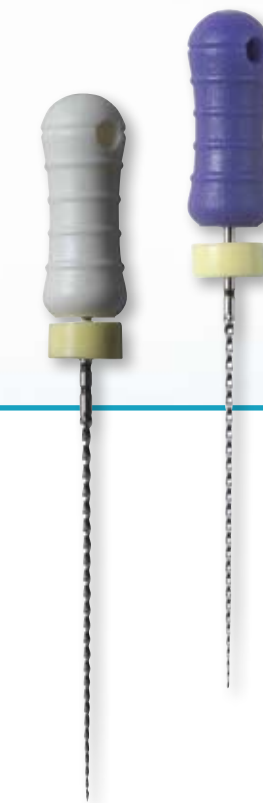
- Up to 300% gain in resistance to buckling.
- Unique taper for ultra-stiff design.
- Calibration rings for easy depth determination.
- Pyramid-shaped tip for easy penetration.
- Highly polished for debris removal and smooth insertion into the canal.
- Square section for resistance to distortion and 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 PAGE 8**

Taking Stiffness and Strength to the next Level.

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

Size/Desc.	Prod. #	Prod. #
Pkg of 6	21 mm	25 mm
6	670900	670904
8	670901	670905
10	670902	670906
15	670903	670907



SIGNIFICANT GAIN IN BUCKLING FORCE



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

SUREFLEX® FILE

Size/Desc.	Prod. #	Prod. #
Pkg of 6	21 mm	25 mm
15	664001	664012
20	664002	664013
25	664003	664014
30	664004	664015
35	664005	664016
40	664006	664017
45	664007	664018
50	664008	664019
55	664009	664020
60	664010	664021
* 15-40	664011	664022

*Assorted

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.

UNIFILE® FILE

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

*Assorted

UNIFILE® FILE STAINLESS STEEL



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

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.

BARBED BROACHES

Size/Desc.	Prod. #
Pkg of 10	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

FLEXOFILE®



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

- Intermediate-sized 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.
- Preinserted silicone stops to save you time and money.

SENSEUS™ FLEXOFILE® ENDODONTIC INSTRUMENTS STAINLESS STEEL

The 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. (21 mm only)

Flexible, Stainless Steel File

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

SENSEUS FLEXOFILE

Size/Desc.	Prod. #	Prod. #	Prod. #
Pkg of 6	21 mm	25 mm	31 mm
6	670615	670632	670649
8	670616	670633	670650
10	670617	670634	670651
15	670618	670635	670652
20	670619	670636	670653
25	670620	670637	670654
30	670621	670638	670655
35	670622	670639	670656
40	670623	670640	670657
45	670624	670641	
* 15-40*	670625	670642	670658
50	670626	670643	
55	670627	670644	
60	670628	670645	
70	670629	670646	
80	670630	670647	
* 45-80*	670631	670648	

*Assorted

FLEXOFILE® FILES

Size/Desc.	Prod. #	Prod. #	Prod. #	Prod. #
Pkg of 6	18 mm	21 mm	25 mm	31 mm
6	6713671	6712971	6713071	672000
8	6713681	6712981	6713081	672001
10	6713691	6712991	6713091	672003
12	6713861	6712831	6712901	672004
15	6713701	6713001	6713101	672005
17	6713871	6712841	6712911	672006
20	6713711	6713011	6713111	672007
22	6713881	6712851	6712921	672008
25	6713721	6713021	6713121	672009
27	6713891	6712861	6712931	672010
30	6713731	6713031	6713131	672011
32	6713901	6712871	6712941	672012
35	6713741	6713041	6713141	672013
37	6713911	6712881	6712951	672014
40	6713751	6713051	6713151	672015
* 12-37	6713921	6712891	6712961	672017
* 15-40	6713761	6713061	6713161	672016
* 45		6713201	6713351	
50		6713211	6713361	
55		6713221	6713371	
60		6713231	6713381	
70		6713241	6713391	
80		6713251	6713401	
* 45-80		6713321	6713471	
* 90-110		6713331	6713481	
* 120-140		6713341	6713491	

*Assorted

MAILLEFER REAMERS

K-REAMER STAINLESS STEEL



Known for its superior cutting ability, precision handling and efficient removal of dental debris.

Size/Desc.	Prod. #		
	21 mm	25 mm	31 mm
Pkg of 6			
8	671400	671430	671460
10	671401	671431	671461
15	671402	671432	671462
20	671403	671433	671463
25	671404	671434	671464
30	671405	671435	671465
35	671406	671436	671466
40	671407	671437	671467
* 15-40	671420	671450	671480
45	671408	671438	671468
50	671409	671439	671469
55	671410	671440	671470
60	671411	671441	671471
70	671412	671442	671472
80	671413	671443	671473
* 45-80	671421	671451	671481
* 90-110	671422	671452	671482
* 120-140	671423	671453	671483

*Assorted

FLEXOREAMER® REAMERS

Size/Desc.	Prod. #	
Pkg of 6	21 mm	25 mm
15	6713501	6713601
20	6713511	6713611
25	6713521	6713621
30	6713531	6713631
35	6713541	6713641
40	6713551	6713651
* 15-40	6713561	6713661

*Assorted

FLEXOREAMER® REAMER STAINLESS STEEL



The patented design provides more cutting flutes and greater flexibility than a traditional reamer.

Size/Desc.	Prod. #		
	21 mm	25 mm	31 mm
Pkg of 6			
10	671200	671230	671260
15	671201	671231	671261
20	671202	671232	671262
25	671203	671233	671263
30	671204	671234	671264
35	671205	671235	671265
40	671206	671236	671266
* 15-40	671219	671249	671279
45	671207	671237	671267
50	671208	671238	671268
55	671209	671239	671269
60	671210	671240	671270
70	671211	671241	671271
80	671212	671242	671272
* 45-80	671220	671250	671280
* 90-110	671221	671251	671281
* 120-140	671222	671252	671282

*Assorted

HEDSTROM FILE STAINLESS STEEL



The Maillefer hedstrom file offers effective cutting efficiency. Greater strength, provided by its thick core, enables Maillefer to offer you smaller hedstrom file sizes starting with a # 10.

PROPEX™ APEX LOCATOR

When it comes to determining your working length, you need accuracy you can count on. That's why endodontists count on ProPex Apex Locator - the apex locator that enables you to accurately determine apical location with confidence and convenience.

The key to the ProPex Apex Locator's accuracy lies in its multi-frequency technology. Wet or dry - even in the presence of blood, tissue, NaOCl or other fluids - you get reliable measurement, no matter what your working condition.

Accuracy you can see and hear

- Multi-frequency design for wet or dry accuracy.
- Compact, stable, ergonomic design for easy handling.
- Easy-to-read, 83 x 51 mm (3.2" x 2") LCD screen.
- Progressive audio signal combined with on-screen graphics.
- Pre-apical zone warning.
- Rechargeable 3.6 V NiMH battery and charger.
- Battery status indicator.
- Measuring cable connection status indicator.
- 12-month warranty.
(6 months for lip clip, measuring wires & charger.)

PROPEX APEX LOCATOR & ACCESSORIES

Size/Desc.	Prod. #
ProPex Apex Locator	670600
Replacement Battery	670601
Replacement Charger	670602
Additional Lip Clips (5 each)	670603
Additional File Hooks (2 each)	670604
Additional Measuring Wire (1 each)	670605



The big picture.
In the median canal zone, up and down arrows indicate your progress. A battery indicator provides continuous monitoring of battery status.



Pre-apical zone warning.
Approximately 2-3 mm before the apex, new screengraphics are accompanied with two audio "blips" to alert you.

Apical zone close-ups.
Visual movement and measurements plus a progressive audio signal take the guesswork out of locating the apex.

MAILLEFER MICRO-OPENERS & MICRO-DEBRIDERS

MICRO-OPENERS & MICRO-DEBRIDERS

Size/Desc.	Prod #
Pkg of 3	
10/.04 - Opener	671687
15/.04 - Opener	671688
10/.06 - Opener	671689
20/.02 - Debrider	671690
30/.02 - Debrider	671691
Assorted Kits (3-Packs)	
• Micro-Opener & Debrider [Kit #1]	671684
1 x Micro-Opener 015/.04,	
1 x Micro-Opener 010/.04,	
1 x Micro-Debrider 030/.02	
• Micro-Opener & Debrider [Kit #2]	671685
1 x Micro-Opener 010/.06,	
1 x Micro-Opener 010/.04,	
1 x Micro-Debrider 020/.02	
• Micro-Opener [Kit #3]	671686
1 x Micro-Opener 015/.04,	
1 x Micro-Opener 010/.04,	
1 x Micro-Opener 010/.06	

*Assorted

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.

GLYDE FILE PREP® ROOT CANAL CONDITIONER

GLYDE FILE PREP® ROOT CANAL CONDITIONER

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

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 effervescing 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 3.**



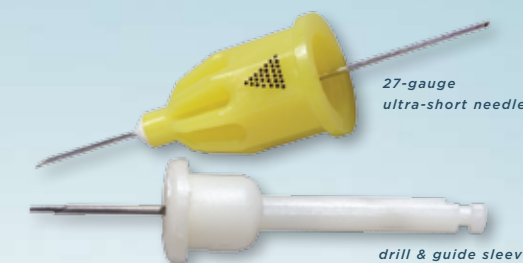
TECHNICAL TIP

Proper irrigation is essential to successful endodontic 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 dentinal debris coronally.

X-TIP™ INTRAOSSEOUS ANESTHETIC DELIVERY SYSTEM

Easy Delivery. Fast Results.

This fast, 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.



X-TIP™ INTRAOSSEOUS ANESTHETIC DELIVERY SYSTEM

10 Pack Starter System*	XTIP10
50 Pack	XTIP50

*INCLUDES INSTRUCTIONAL DVD
AND TIP CARD.

The X-Tip Delivery System Advantage

- **EASY TO USE.** Guide sleeve provides precise injection of anesthetic into cancellous bone.
- **FAST RESULTS.** Anesthesia onset is less than a minute, saving operatory time.
- **EASY RE-INJECTION DURING PROCEDURE.** No hunting for the hole.
- **CONVENIENT.** Guide sleeve fits in a standard, low-speed hand piece.
- **GREATER PATIENT COMFORT.** Reduces annoying side effects of facial and tongue numbness.

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 drill and guide sleeve.
- Use cotton pliers to press attached tissue against the bone for a few seconds to confirm anesthesia of perforation site.
- A 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 15,000-20,000 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 a 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.

Xtip™
Intraosseous Anesthesia Delivery System

PRECISELY THE RIGHT BURS FOR EFFICIENT PROCEDURES

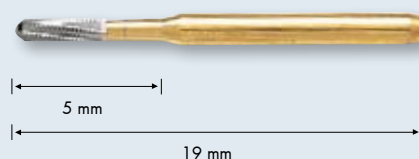
The efficiency of endodontic procedures is often determined by achieving proper straight-line access. Maillefer specialty burs are precision engineered to make your every action more precise and productive. Expertly machined from tungsten carbide, tungsten steel or stainless steel, these strong, reliable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

TRANSMETAL™ BURS

Size/Desc.	Prod. #
Pkg of 3	
19 mm	671798



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.

ENDO ACCESS™ BURS

Size/Desc.	Prod. #
Pkg of 3	
21 mm 2	668800
21 mm 4	668801
21 mm 6	668802
21 mm *Asst'd 2, 4, 6	668803

*Assorted



ENDO-ACCESS™ BUR (FG) STAINLESS STEEL



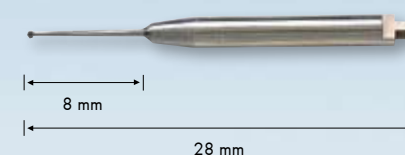
With a special diamond coating to reduce gouging, this bur's tip matches round bur sizes for initial penetration, while its diamond shaft flares the pulp chamber and the canal walls.

LN™ BURS

Size/Desc.	Prod. #
Pkg of 3	
28 mm	671795



LN™ BUR (RA) TUNGSTEN STEEL



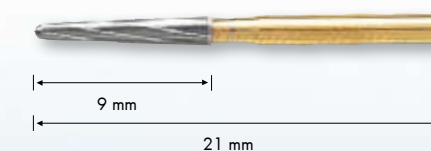
This unique, half-round bur on a long neck allows deep drilling alongside posts or broken instruments. The LN Bur also may be used to break through calcification to locate canals.

ENDO-Z™ BURS

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



ENDO-Z™ BUR (FG) TUNGSTEN CARBIDE; SAFE-ENDED



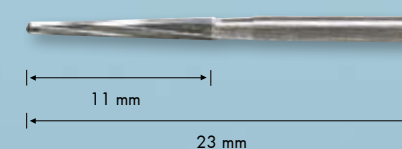
After initial penetration, this long, tapered bur creates a funnel shape for easier access in the pulp chamber. The safe-ended, noncutting tip prevents penetration of the pulp chamber floor or the root canal walls. Cutting surface length: 9 mm; total length: 21 mm.

MULTI-PURPOSE™ BUR

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



MULTI-PURPOSE™ BUR (FG) TUNGSTEN CARBIDE



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

DRIVEN BY QUALITY.

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. 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



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 hand piece. Available in standard (32 mm) and short (28 mm) lengths.

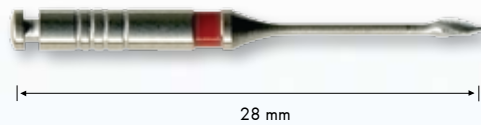
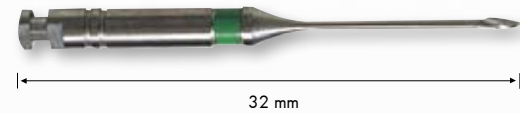


Size/Desc.	Prod. #	Prod. #
Pkg of 6	28 mm	32 mm
1	671537	671510
2	671538	671511
3	671539	671512
4	671540	671513
5	671541	671514
6	671542	671515
• 1-6	671543	671516

*Assorted



GATES AND SHORT GATES™ GLIDDEN DRILLS



Gates Gliddens can be used in any right-angle hand piece 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. #
Pkg of 6	28 mm	32 mm
1	671530	671500
2	671531	671501
3	671532	671502
4	671533	671503
5	671534	671504
6	671535	671505
• 1-6	671536	671506

*Assorted



Size/Desc.	Prod. #	Prod. #	Prod. #
Pkg of 6	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 HEDSTROM FILE



Hedstrom design is combined with the efficiency of engine instrumentation and ISO color identification.

(The engine hedstrom must be used in a reciprocating hand piece.)



Size/Desc.	Prod. #	Prod. #	Prod. #
Pkg of 6	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

ENGINE DRIVEN K-REAMER



The Maillefer 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.

DENSHEAT® OVEN II

Size/Desc.	Prod. #
Pkg of 1	669999

DENSHEAT® OVEN II

This specially designed heat source for endodontic obturators provides fast, uniform, predictable results. It heats obturators in as little as 17 seconds and has a built-in timer that audibly alerts the practitioner when the filling material has reached optimal temperature. For use with Densfil® Obturators.



DENSFIL® THERMAL ENDODONTIC OBTURATION SYSTEM

Size/Desc.	Prod. #
Densfil® System	669297
• 1 DensHeat® Oven II	
• 20 Plastic Obturators (20-40 Asst'd)	
• 1 Size Verification Kit Refill (20-40 Asst'd)	
• 1 AH Plus Jet® Root Canal Sealer	
• 1 Practice Kit	
• 1 Densfil® Manual	

DENSFIL® THERMAL ENDODONTIC OBTURATION SYSTEM

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

DENSFIL® PLASTIC AND TITANIUM OBTURATORS

EFFICIENT, THREE-DIMENSIONAL FILLS.

Plastic: (Use only with DensHeat Oven) Made from biocompatible, nontoxic, radiopaque medical grade plastic. Densfil plastic carriers are available in sizes #20 to #140. 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® OBTURATORS

Starter Kit Titanium - Pkg of 30 Obturators	
20-60	669168
Variety Kit Titanium - Pkg of 30 Obturators	
20-45	669169
Refill Pkg Titanium - Pkg of 6 Obturators	
Size	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	
20	669150
25	669151
30	669152
35	669153
40	669154
45	669155
50	669156
55	669157
60	669158

DENSFIL® OBTURATORS

Refill Pkg Plastic - Pkg of 6 Obturators	
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
110	669212
120	669213
130	669214
140	669215
Refill Pkg Plastic - Pkg of 30 Obturators	
20	669249
25	669250
30	669251
35	669252
40	669253
45	669254
50	669255
55	669256
60	669257
70	669258
80	669259
90	669260
100	669261
110	669262
120	669263
130	669264
140	669265
Assorted Pkg Plastic - Pkg of 20 Obturators	
• 20-40	669267
• 45-100	669268

*Assorted

Size/Desc.	Prod. #
Size Verif. Kit	
30 Verifiers, 20-90	669298
Refills - Pkg of 6	
• 20-40	669300
20	669301
25	669302
30	669303
35	669304
40	669305
45	669306
50	669307
55	669308

*Assorted

DENSFIL® SIZE VERIFICATION DEVICE



Helps determine the correct obturator size to use for the obturation procedure.

HANDY LENTULO® PASTE CARRIER

Size/Desc.	Prod. #	Prod. #	Prod. #
Pkg of 4	17 mm	21 mm	25 mm
1 (Red) 30-35	671555	671565	671575
2 (Blue) 40-45	671556	671566	671576
3 (Green) 50-60	671557	671567	671577
4 (Black) 70-90	671558	671568	671578
• 1-4	671559	671569	671579

*Assorted

HANDY LENTULO® STAINLESS STEEL PASTE CARRIER



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

LENTULO® SPIRAL FILLER

Size/Desc.	Prod. #	Prod. #	Prod. #
Pkg of 4	17 mm	21 mm	25 mm
1 (Red) 30-35	671550	671560	671570
2 (Blue) 40-45	671551	671561	671571
3 (Green) 50-60	671552	671562	671572
4 (Black) 70-90	671553	671563	671573
• 1-4	671554	671564	671574

*Assorted



LENTULO® SPIRAL FILLER



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

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.



FINGER PLUGGERS

Size/Desc.	PLASTIC HANDLES		METAL HANDLES	
	Prod. #	Prod. #	Prod. #	Prod. #
Pkg of 4	21 mm	25 mm	21 mm	25 mm
20 A	671700	671710	671705	671715
25 B	671701	671711	671706	671716
30 C	671702	671712	671707	671717
35 D	671703	671713	671708	671718
• 20-35	671704	671714	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.

FINGER SPREADERS
PLASTIC HANDLE

Size/Desc.	Prod. #
Pkg of 4	21 mm
10	671720
20	671721
30	671722
40	671723
• Assorted	671724

AH PLUS JET™ ROOT CANAL SEALER

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.

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, homogenous mixture - and the confidence of knowing it's exactly right.

AH PLUS JET™
ROOT CANAL SEALER

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



AH PLUS® ROOT CANAL SEALER THE SUPERIOR 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.

AH PLUS®
ROOT CANAL SEALER

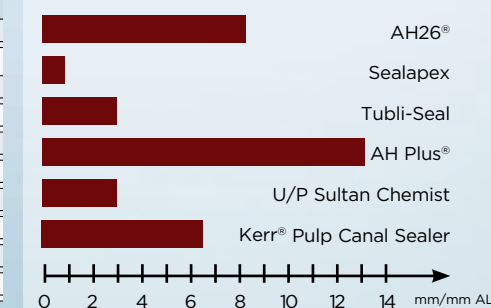
Size/Desc.	Prod. #
Complete Pkg	667003



AH PLUS®
ROOT CANAL SEALER
FEATURES & BENEFITS

Features	Benefits
Paste/paste system	Fast, easy mixing and dosage control
Excellent radiopacity	Easy detection
Outstanding dimensional stability and low solubility	Durable, safe seal
Outstanding flow characteristics	Flows into and seals lateral canals
Biologically inert	Biocompatible
Amines in formula (silver free)	No discoloring of teeth
Thermoplastic ability	Easier to remove
Four-hour working time	No waste of material on pad
Eight-hour setting time	Allows for corrections of fillings
Compatible with any filling technique	Versatility

AH PLUS PERFORMED BEST IN TESTS MEASURING RADIOPACITY.



AH26® ROOT CANAL SEALER SUPERIOR SEAL EVERY TIME.

This resin-based, nonacrylic, 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.



AH 26®
ROOT CANAL SEALER

Size/Desc.	Prod. #
Complete Pkg.:	667000
• 8 gram powder	
• 10 gram resin	
AH26® Refill:	667002
• 10 gram resin	

GUTTA-PERCHA HAND ROLLED

Size/Desc.	Prod. #
Accessory Box of 120 -	
6 vials of 20 pts.	
X-Fine	670920
Fine-Fine	670921
Medium-Fine	670922
Fine	670923
Fine-Medium	670924
Medium	670925
Large	670926
X-Large (Box of 60)	670927
• Asst'd	670944
ISO Box of 120 -	
6 vials of 20 pts.	
15	670928
20	670929
25	670930
30	670931
35	670932
40	670933
45	670934
50	670935
55	670936
60	670937
70	670938
80	670939
90	670940
100	670941
110	670942
120	670943
• 15-40	670945

*Assorted



GUTTA-PERCHA POINTS

Maillefer's hand-rolled gutta-percha points are offered in an extended range of sizes suitable for various obturation techniques.

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

GUTTA-PERCHA HAND ROLLED ISO COLOR CODED

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

*Assorted

.04 & .06 GUTTA-PERCHA HAND ROLLED

Size/Desc.	Prod. #
ISO Box of 120 -	
.04 Taper	
15	670948
20	670949
25	670950
30	670951
35	670952
40	670953
• 15-40	670954
ISO Box of 120 -	
.06 Taper	
15	670955
20	670956
25	670957
30	670958
35	670959
40	670960
• 15-40	670961

*Assorted

ABSORBENT PAPER POINTS

These hand-rolled 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.



PAPER POINTS

Size/Desc.	Bulk Pkg. Pkg. of 200	Cell Pkg. Pkg. of 180
• 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
ISO Sizes		
15	670408	670172
20	670409	670173
25	670410	670174
30	670411	670175
35	670412	670176
40	670413	670177
45	670414	670178
50	670415	670179
55	670416	670180
60	670417	670181
70	670418	670182
80	670419	670183
• 20-35	670420	—
• 45-60	670421	—
• 55-80	670422	—
• 15-40	—	670184
• 45-80	—	670185

*Assorted

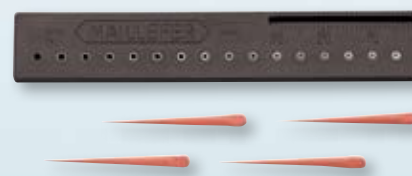
.04 & .06 PAPER POINTS

Size/Desc.	Prod. #
ISO Box of 180 -	
.04 Taper	
15	670186
20	670187
25	670188
30	670189
35	670190
40	670191
• 15-40	670192
ISO Box of 180 -	
.06 Taper	
15	670193
20	670194
25	670195
30	670196
35	670197
40	670198
• 15-40	670199

*Assorted

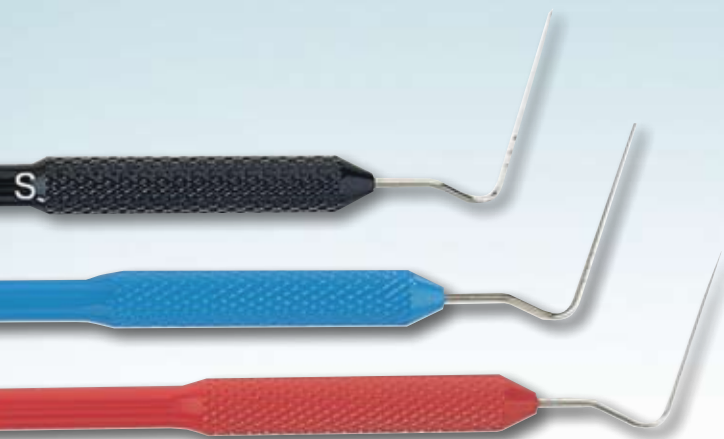
GUTTA-PERCHA GAUGE

Size/Desc.	Prod. #
Gauge	671994



GUTTA-PERCHA GAUGE

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



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

*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 superelasticity 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.

NICKEL TITANIUM SPREADERS

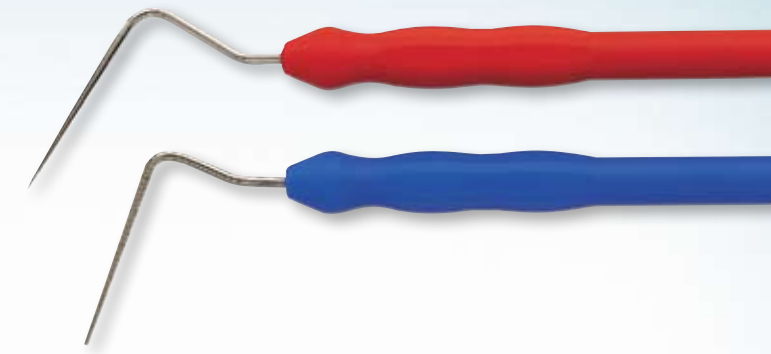
Size/Desc.	Prod #
Sizes D-11 - Spreader	668921
Sizes D-11T - Spreader	668922

SCHILDER® INSTRUMENTS

Size/Desc.	Prod. #	Prod. #
Heat Carriers/	Anterior	Posterior
Spreader Pkg. of 1	(Long)	(Short)
0 - Yellow	668419	668421
00 - Red	668420	668422
Pluggers		
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

SCHILDER® HEAT CARRIER AND PLUGGER

Designed exclusively for the Schilder warm vertical gutta-percha technique, these patented pluggers and heat carriers are machined 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.



WORKING TIP DIAMETER CHART FOR SCHILDER PLUGGERS

Pluggers Tip Diameter	8	8.5	9	9.5	10	10.5	11	11.5	12
Representative Size
Anterior/Posterior (mm)	.4318	.5334	.635	.6858	.7874	.889	1.0922	1.2954	1.4986

T.E.R.M.® TEMPORARY RESTORATIVE MATERIAL

This light cured, resin-based temporary restorative material cures to 4 mm with a standard curing light for a firm restoration in the endo access orifice. Available in Compule® Tips, it can be easily placed, provides a superior moisture-free seal, and is quickly removed with a bur or hand instrument.

T.E.R.M.® TEMPORARY ENDO RESTORATIVE MATERIAL

Size/Desc.	Prod. #
Complete Pkg	
30 Compule® Tips	
1 Compule® Syringe	670300
Refill Pkg	
30 Compule® Tips	670302



COMPETITIVE TESTING OF TEMPORARY ENDODONTIC FILLING MATERIALS³

	T.E.R.M.®	CAVIT®	CAVIT® G	TEMPIT™
24-Hour Diametral Tensile, psi	800-950	290-350	195-230	440-480
24-Hour Compressive Strength, psi	5,500-6,400	340-520	480-575	700-1,200
24-Hour Compressive Modulus, psi	295,000-380,000	40,000-60,000	45,000-70,000	83,000-117,000
24-Hour Transverse Strength, psi	1,250-1,500	660-1,050	465-575	820-1,050
Depth of Cure, in mm, 10* to 30 Barcol	3.4	N.A.	N.A.	N.A.
Prisma-Lite, 20" to 30 Barcol	4.5	N.A.	N.A.	N.A.
1 Week Water Sorption, %	2.0-3.0	1.5-2.5	3.0-5.7	2.6-3.2
1 Week Water Solubility, %	0.2-0.4	11.5-13.5	7.6-13.2	5.6-6.0
Shore A50 Hardness	20 Seconds	135 Minutes	150 Minutes	165 Minutes

CAVIT is a Reg. T.M. of ESPE GmbH, W. Germany.

CUSTOMIZE YOUR ORGANIZATION.

Whether you prefer to centralize your inventory or provide individual patient setups, 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 miniorganizers are useful for cleaning, sterilizing and staging instruments. Sponges available in refill packages of 25. (Round Stand diameter = 40 mm, height = 30 mm; Oval Stand diameter = 60 mm, height = 35 mm)



Oval Stand



Round Stand

ENDO CLEAN STANDS

Size/Desc.	Prod. #
Endo Clean Stand - Round	671682
Sponge Refill (Round Stand)	671683
Endo Clean Stand - Oval	671678
Sponge Refill (Oval Stand)	671600

ENDO STAND

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.)



ENDO STAND

Size/Desc.	Prod. #
Endo Stand	671681

SURE-STOP® DISPENSER

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

SURE-STOP® SILICONE DISPENSER

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



TWIN-BLOC™ ORGANIZER

The Twin-Bloc Organizer by Maillefer combines the conveniences 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. Sponges available in refill packages of 25. (15.2 cm x 5.1 cm x 3.8 cm)

TWIN-BLOC™ ORGANIZER

Size/Desc.	Prod. #
Twin-Bloc™ Organizer	671694
25-Pack of Refill Sponges	671600

ENDO CONTAINER

Holds and organizes gutta-percha, paper points and Densfil Obturators while easily identifying materials according to ISO-standard colored tubes. (10 cm x 9 cm x 5 cm)



ENDO CONTAINER

Size/Desc.	Prod. #
Container	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 the procedure. (90 mm x 102 mm x 50 mm)



PATIENT ORGANIZER

Size/Desc.	Prod. #
Organizer	671995
Sponge Refill (10)	671679

INCREASED TAPER ENDO ORGANIZER

INCREASED TAPER ENDO ORGANIZER

Size/Desc.	Prod. #
Pkg of 1	671486

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.



ENDO-M-BLOC™ AND FILEMATE™ MEASURING DEVICES

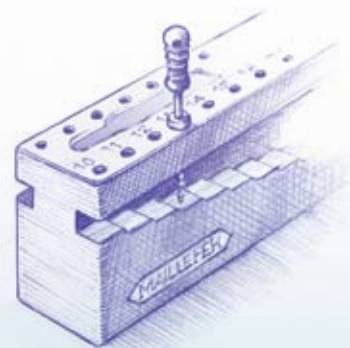
The Endo-M-Bloc and FileMate measuring devices feature half-millimeter depth guides to ensure accurate measurements. These measuring devices take the guesswork out of setting endodontic stops. The aluminum Endo-M-Bloc measuring block features 42 depth guides. The FileMate measuring block has 32 depth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

ENDO-M-BLOC™ MEASURING BLOCK

Size/Desc.	Prod. #
Pkg of 1	671676

FILEMATE™ MEASURING BLOCK

Size/Desc.	Prod. #
Pkg of 1	671677



Take the Guesswork Out of Setting Endodontic Stops with the Maillefer Endo-M-Bloc™ Measuring Device



ENDO-M-BLOC AND FILEMATE APPLICATIONS

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

FLEXOBEND™ DEVICE

The FlexoBend file bending device is for precision bending of a file to conform to the curvature of the canal (as determined by a radiograph) without damaging the cutting flutes of the file.



FLEXOBEND™ DEVICE

Size/Desc.	Prod. #
Pkg of 1	671794

SPLIT KIT

Holds a combination of 139 hand and engine instruments with 28 vials for paper points, gutta-percha points, and Densfil Obturators. There's even a section for cotton pellets. Plus, the anodized aluminum construction features a removable tray. (216 mm x 102 mm x 50 mm)

SPLIT KIT

Size/Desc.	Prod. #
Pkg of 1	671996



SOSIO BOX

Holds a wide selection of 147 hand and engine instruments in a removable tray within an anodized aluminum container. Lid locks shut. (182 mm x 92 mm x 41 mm)

SOSIO BOX

Size/Desc.	Prod. #
Pkg of 1	671680



INSTRUMENT ORGANIZER

Organize your instruments. A choice of inserts allows you to customize the organizer. (Inserts must be purchased separately.) Sterilizes burs and files in one container. (10 cm x 5 cm x 4.5 cm)

- Dark Red Right Angle Burs
- White Hand Piece/Lab Burs
- Green 32 mm Right Angle-Long
- Yellow Friction Grip Burs
- Orange Endo Hand Instruments

(Great for rotary instruments.)

INSTRUMENT ORGANIZER

Size/Desc.	Prod. #
Pkg of 1	671396
Dark Red Insert	671397
White Insert	671398
Green Insert	671399
Yellow Insert	671484
Orange Insert	671485

FOR A COMPLETE LISTING OF STERILIZATION METHODS, SEE THE MAILLEFER ACCESS GUIDE TO INSTRUMENT STERILIZATION IN THE BACK OF THIS CATALOG.

COMPLETE SYSTEMS FOR STABILITY AND RETENTION.

Maillefer's post systems are precision engineered for safety, stability and simplicity with a range of sizes to cover any situation. The Radix-Anchor® 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.

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-tapping 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. Sterilization and Storage block also available.



WRENCH



GAUGE



COMBINATION DRILL



PENETRATION DRILL



POST



CYTCO®-K POST SYSTEM

Desc.	
• 20 Cytco Posts-Asst'd	
• 3 each - Penetration-Asst'd	
• Combination Drill-Asst'd	
• Gauge-Asst'd	
• Wrench-Asst'd	
• 1 each - Mandrel/Radiograph Guide	
Size	Prod. #
Complete Pkg	671940

CYTCO®-K DRILLS

Penetration Drills-Pkg of 3		Prod. #
Gray - Small		671946
Red - Medium		671947
Green - Large		671948
Combination Drills-Pkg of 3		Prod. #
Gray		671949
Red		671950
Green		671951

CYTCO®-K POSTS

Posts Refill-Pkg of 12		Prod. #
S50A - Gray		671941
L50A - Red		671942
L50B - Red		671943
L80A - Green		671944
L80B - Green		671945

CYTCO®-K ACCESSORIES

Gauge-1 ea.		Prod. #
Gray - Small		671952
Red - Medium		671953
Green - Large		671954
Wrench-1 ea.		Prod. #
Gray		671955
Red		671956
Green		671957
Mandrel		671670
Radiograph Guide (1 ea.)		671959
Sterilization and Storage Block (1 ea.)		671930

CYTCO®-K INTEGRAL KIT

The kit 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.



CYTCO®-K INTEGRAL KIT

Posts Sizes	Prod. #
Short Post/Short Head (Gray)	671961
Long Post/Short Head (Red)	671962
Long Post/Long Head (Red)	671963
Long Post/Short Head (Green)	671964
Long Post/Long Head (Green)	671965

RADIX-ANCHOR® POST SYSTEMS

Size/Desc.	
Introductory Kit	
• 12 Radix-Anchor® Posts (A)-Asst'd	
• 1 each-Penetration Drill (B)	
• Root Facer (C)	
• Spiral Bur (D)	
• Gauge (E)	
• Mandrel (F)	
• Wrench (G)	
• Lentulo® Spiral Filler (H)	

Sizes	Prod. #
1 - Yellow	671603
2 - Red	671604
3 - Blue	671605

Size/Desc.		Prod. #
Radix 123B INTRO		671606
• 18 Radix-Anchor® Posts (A)-Asst'd		
• 3 each-Penetration Drill (B)-Asst'd		
• Root Facer (C)-Asst'd		
• Spiral Bur (D)-Asst'd		
• Gauge (E)-Asst'd		
• Mandrel (F)-Asst'd		
• Wrench (G)-Asst'd		
• Lentulo® Spiral Filler (H)-Asst'd		
• 1 Radiograph Guide		

RADIX-ANCHOR® POST (A)

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

*Assorted

RADIX-ANCHOR® DRILLS

Penetration Drill - Pkg of 6		Prod. #
1 - Yellow		671620
2 - Red		671621
3 - Blue		671622

Root Facer - Pkg of 6		Prod. #
1 - Yellow		671630
2 - Red		671631
3 - Blue		671632

Spiral Bur - Pkg of 6		Prod. #
1 - Yellow		671640
2 - Red		671641
3 - Blue		671642

RADIX-ANCHOR® ACCESSORIES

Measuring Gauge - Pkg of 1		Prod. #
1 - Yellow		671650
2 - Red		671651
3 - Blue		671652

Wrench - Pkg of 1		Prod. #
1 - Yellow		671660
2 - Red		671661
3 - Blue		671662
Mandrel		671670

RADIX-ANCHOR® POST SYSTEM

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



WRENCH



MEASURING GAUGE



SPIRAL BUR



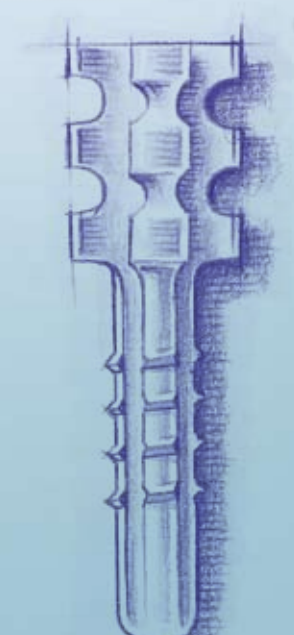
ROOT FACER



PENETRATION DRILL



POST



THE MAILLEFER GUIDE TO INSTRUMENT STERILIZATION

Products	Autoclave		Hot Air	Disinfectant Bath &		Observations
	Water Steam	Chemical Vapor	± C° max. 180°	Cold Sterilization	Flame Heat	
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-Debridors	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 a fading of the color markings.
ENGINE DRIVEN INSTRUMENTS Peeso 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 a 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 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, remove the gutta-percha on all the working and Teflon®-coated surfaces. Caution: Use a 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. First 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 (Cytco®-K, Radix), Drills: Penetration Drill (Cytco®-K, Radix) Combination (Cytco®-K), Root Facer (Radix), Spiral Bur (Radix); Accessories: Gauge (Cytco®-K, Radix), Wrench (Cytco®-K, Radix), Mounting Block (Cytco®-K, Radix), Mandrel (Cytco®-K, Radix)	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 coding.
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 actions 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.

FOOTNOTES

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

³ Angela P. Noguera, D.D.S., M.S. and N.J. McDonald, B.D.S., M.S. Journal of Endodontics, Vol. 16, No. 11, November 1990, pp. 523-527