ENDODONTICS

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Hu-Friedy ce



ENDODONTIC SET-UPS

ENDODONTIC SIGNATURE SERIES SET-UP 1 -

DESCRIPTION	SUGGESTION
Large Signature Series 12 Instrument Cassette, Gray	IM4121
Satin Steel Mirror Handle	MH6
4 Front Surface Mouth Mirror	MIR4/3
DG16 Endo Explorer, Satin Steel Handle	EXDG166
1 Locking Endo Pliers	EPL1 (2)
31L Excavator, Satin Steel Handle	EXC31L6
D11 Nickel Titanium Endo Spreader	RCSD11NT
1/3 Endo Plugger	RCP1/3
5/7 Endo Plugger	RCP5/7
9/11 Endo Plugger	RCP9/11
1 Glick Blade/Endo Plugger	RCPGL1
Miller Articulating Paper Forceps	APF2
CW Aspirating Anesthetic Syringe	SYRCW
Rubber Dam Forceps	RDF
1 Satin Steel Rubber Dam Clamp	RDCM1
2 Satin Steel Rubber Dam Clamp	RDCM2
9 Satin Steel Rubber Dam Clamp	RDCM9
26N Satin Steel Rubber Dam Clamp	RDCM26N
Endo Stand, Holds 24 Files and Reamers	IMS-1275
Small Parts Box	IMS-1271
Bur Cushion Short Lid, Holds 12	IMS-1372S
A/W Syringe Tip Clip	IM1005

ENDODONTIC SET-UP 2

DESCRIPTION	SUGGESTION
Cassette, Green	IM4169
Mirror/Handle	MIR4/3, MH6
Explorer	EXD5
Probe	PCP12
Endodontic Explorer	EXDG16
Endodontic Pliers (2)	EPL1
Excavator	EXC31L
Endodontic Spreader	RCSD11T
Endodontic Pluggers	RCP5/7, RCPGL1
Bur Cushion	IMS-1372S
Small Parts Box	IMS-1271
Rubber Dam Clamps	RDCM1, RDCM2, RDCM9, RDCM26N
Rubber Dam Forceps	RDF
Articulating Paper Forceps	APF2

OTHER RECOMMENDED INSTRUMENTS:

RUBBER DAM PUNCH - RDP, RDPA; ROOT FORCEPS RF45; PLASTIC FILLING - PFIWDS2 AND STAINLESS STEEL RULER - CLR6

OTHER RECOMMENDED PRODUCTS:

SUCTION TIP, ASPIRATING SYRINGE, A/W SYRINGE TIP, HINGED INSTRUMENT CLIP, COLOR-CODED RINGS



HU-FRIEDY'S ENDODONTIC INSTRUMENTATION

Hu-Friedy's comprehensive line of endodontic instruments and accessories give you versatile options to meet all of your clinical needs. Many of our instruments, especially those made for microsurgical applications, were developed in conjunction with leading global Key Opinion Leaders who are on the cutting-edge of clinical research, design and application. If you are looking for exceptional instrument design, quality and reliability, and unmatched customer service, choose Hu-Friedy's Endodontic Instruments.



NICKEL TITANIUM ENDODONTIC SPREADERS

Nickel Titanitum Endodontic Spreaders provide extra flexibility and "memory" while the ergonomic, color-coded Satin Steel handles provide maximum comfort, control and easy identification.



RUBBER DAM CLAMP FORCEPS

A popular rubber dam clamp accessory, Rubber Dam Forceps feature a useful attachment design which makes it easy to pick up and place rubber dam clamps.



RUBBER DAM CLAMPS

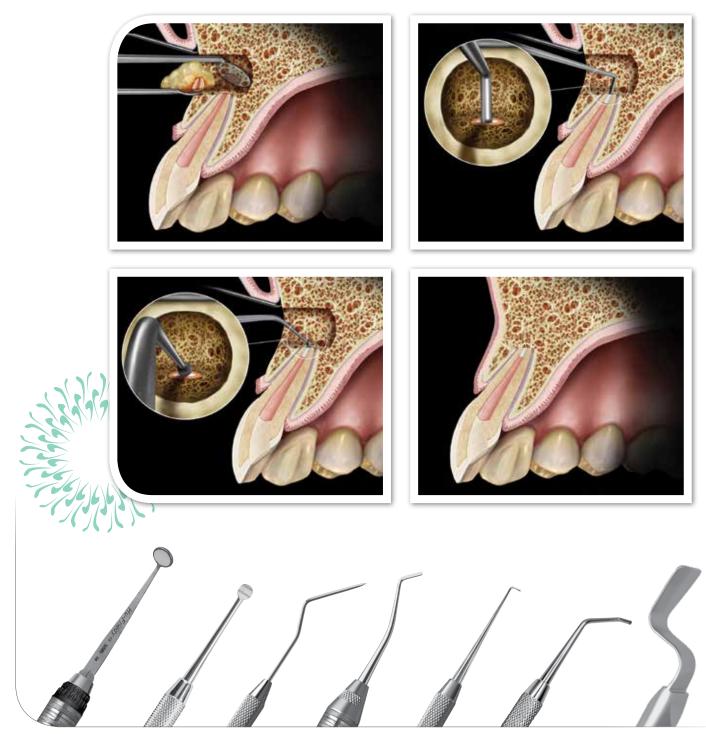
Matte finish on all 48 Hu-Friedy Rubber Dam Clamps absorbs and dissapates light instead of reflecting it back.



ENDODONTIC MICROSURGERY

Hu-Friedy has an extensive line of apical hand instruments. This includes curettes, explorers, condensers, burnishers and mirrors. Many were developed in conjunction with Hu-Friedy Key Opinion Leader, Professor Marwan Abou-Rass and other leading global innovators.





Mirrors

Curettes/ Excavators

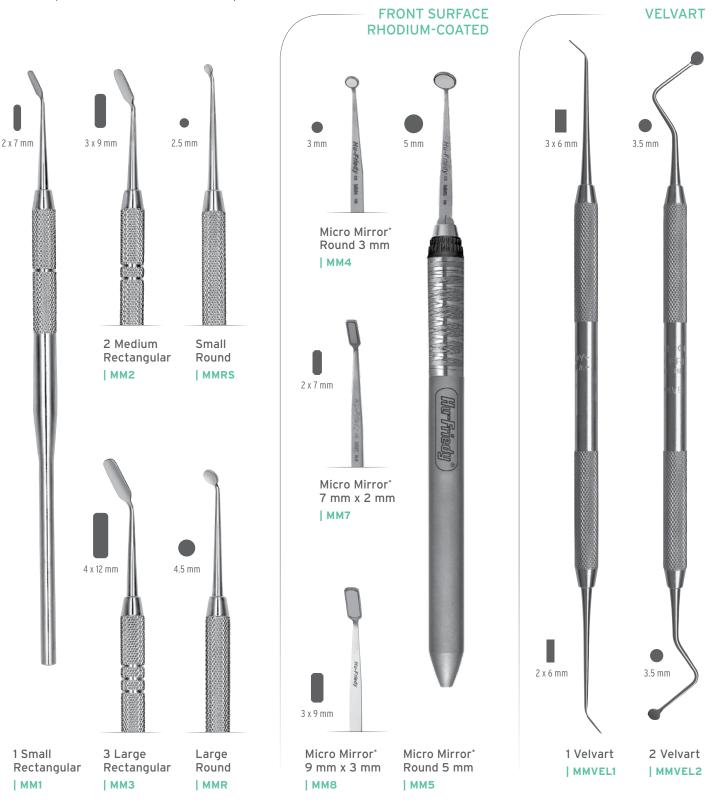
/ Explorers

Filling Instruments Condensers/ Pluggers Combo Plugger/ Burnisher Retractors

Hu-Friedy has a large assortment of microsurgical mirrors to choose from. They are made from highly polished stainless steel, come in round or rectangular shapes, are single or doubleended, and are offered in a variety of sizes. Select from single instruments or choose the mirror you want and team it up with a handle of your choice. The rhodium-coated front surface mirrors offer sharp, scratch- and distortion-free visibility.

MICROSURGICAL MIRRORS





*Handle sold separately. MBW wrench required for assembly.

Handles of the MM1, MM2 and MM3 are marked with one, two or three bands for easy identification.



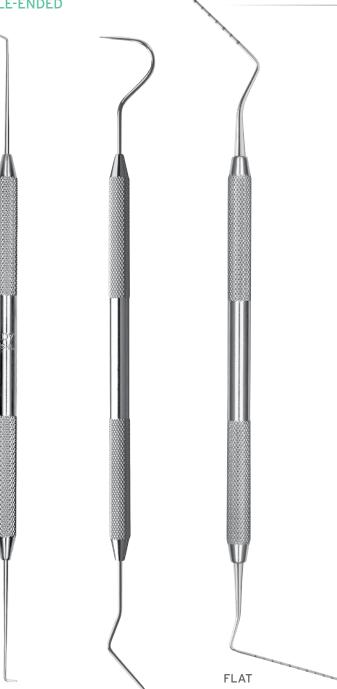
MICROSURGICAL ABOU-RASS CURETTES/EXCAVATORS

Curettes in straight and angled forms, and useful sizes. Straight curettes provide controlled straight line access and good visibility; use angled forms to access difficult or confined areas.



Hu-Friedy's large selection of microsurgical explorers are available in various designs and working ends, giving the clinician useful options for exploration and treatment. From the basic and popular MEX1, to Professor Abou-Rass' excellent assortment of explorers, they all provide the balance, fine design and construction that practitioners need for careful yet thorough apical exploration.

DOUBLE-ENDED



Explorer

A popular, basic apical explorer used to initiate the tracking groove in the root tip, and for general exploration and probing.

1 Abou-Rass | MAR-EX1

A versatile explorer with two different, useful and sharp working ends.

3 Abou-Rass

MAR-EX3

A probe with one blunt flat and one round end; excellent for taking measurements, especially the direct root length of the apex.



A 45° angled explorer used to check dentinal defects, such as root caries, root resorption and fracture lines.

4 Abou-Rass

Its straight, sharp working end is ideal for penetrating small osseous defects in cortical bone.



6 Abou-Rass

A 90° angled, sharp-pointed explorer useful for detecting apical foramen and apical seal quality.



SINGLE-ENDED



2 Abou-Rass

A single-ended bone

file styled explorer

used to enlarge the

opening made by

MAR-EX1 into the

cortical bone to

allow drainage.

MAR-EX2



MICROSURGICAL FILLING INSTRUMENTS & PLUGGERS

RETROFILLING

Hu-Friedy has several double-ended apical filling instruments to choose from, including the recently launched filling instrument developed in conjunction with Dr. Bertrand Khayat, a Hu-Friedy Key Opinion Leader.



Khayat **| PFI8ABK6**

This versatile Khayat filling instrument has one angled and one straight spatula end. Useful for complex, deep apical treatments.

Left Apical | MRFL

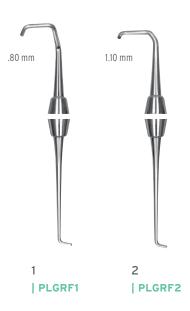
The left of two paired instruments that are used for filling, condensing and burnishing.

Right Apical | MRFR

The right of two paired instruments that are used for filling, condensing and burnishing.

PLUGGERS

These pluggers give the clinician very different working ends for enhanced maneuvering and versatility.



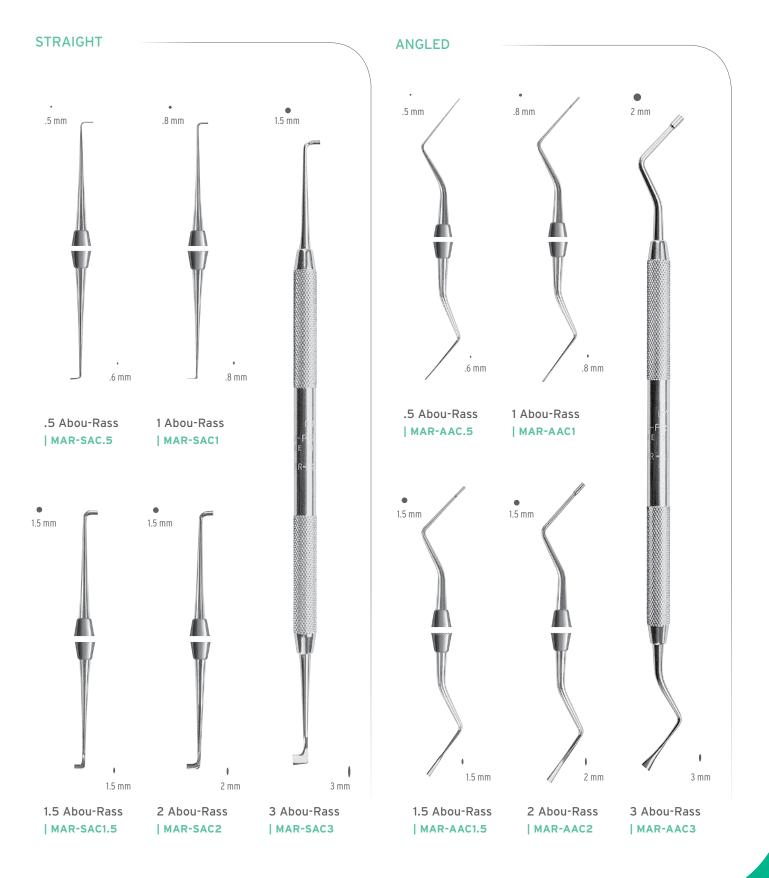
The Khayat and Velvart pluggers are useful for deep canal condensation, and can be used together for this purpose. Designed in conjunction with Dr. Bertrand Khayat and Dr. Peter Velvart.



Designed in conjunction with Professor Abou-Rass, these double-ended instruments are perfect for retrofill applications. They are double-ended with one round and one oval tip. Round working tips produce "pot hole" preparations while oval tips make "isthmus" designs.

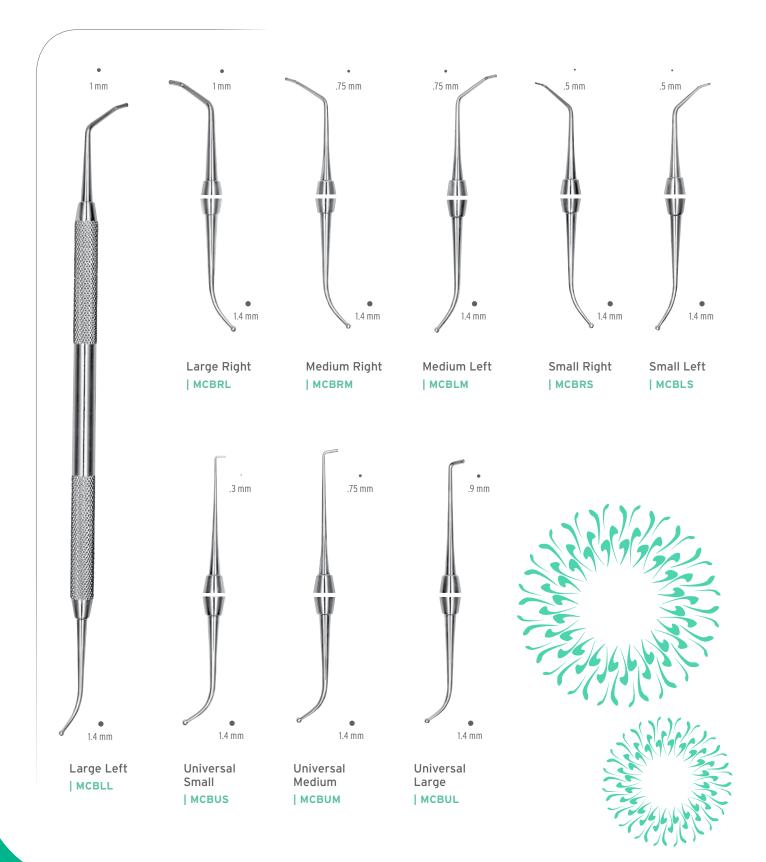
MICROSURGICAL ABOU-RASS CONDENSERS/PLUGGERS





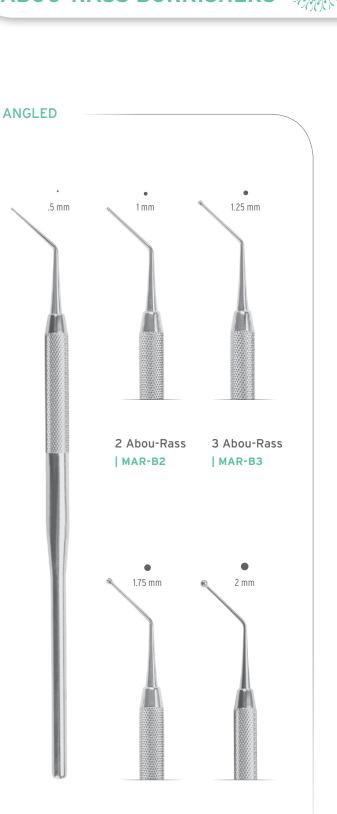


These versatile double-ended instruments combine a condenser on one end and a ball burnisher on the other end. The plugger ends feature universal, right and left designs and come in small, medium and large sizes.



This family of ball burnishers is available in straight and angled forms. Straight designs provide direct, straight access with ease and visibility. The angled forms have long shanks for optimal reach and visibility of the working end.







1 Abou-Rass MAR-B1 4 Abou-Rass | MAR-B4

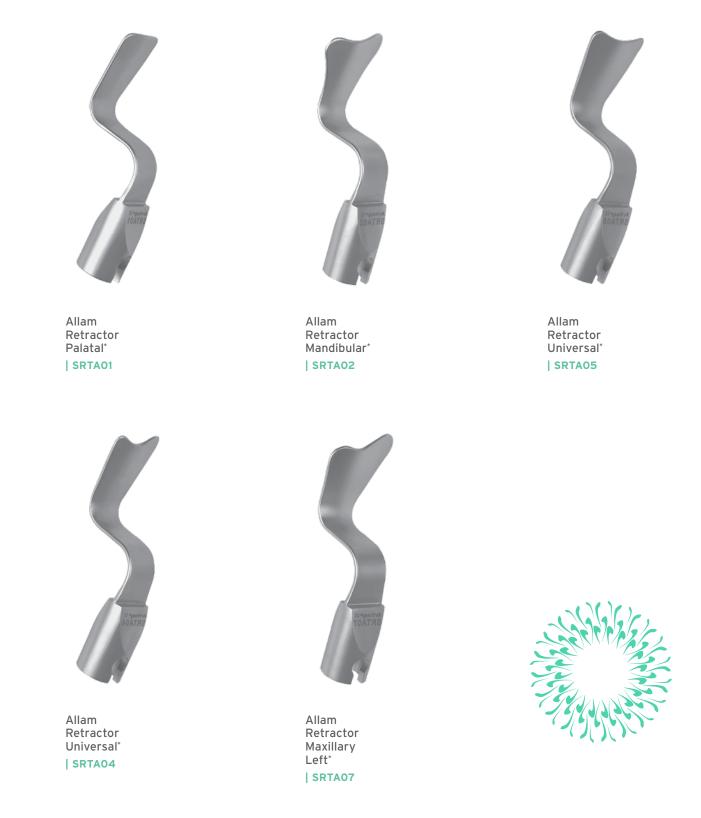
5 Abou-Rass | MAR-B5





ALLAM

A set of seven ergonomically-designed retractors with a common handle designed to reduce hand fatigue and enhance visibility. Contact ends facilitate placement over significant structures by retracting the entire flap and providing a large contact surface. Developed in conjunction with Dr. Charbel Allam.



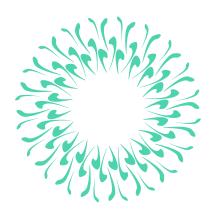


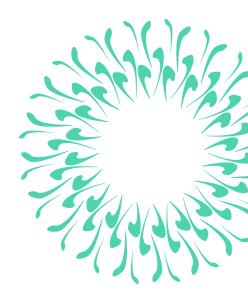


Allam Retractor Maxillary Right^{*}



Allam Retractor Mandibular^{*}



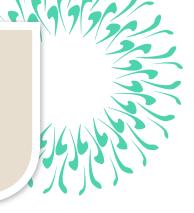


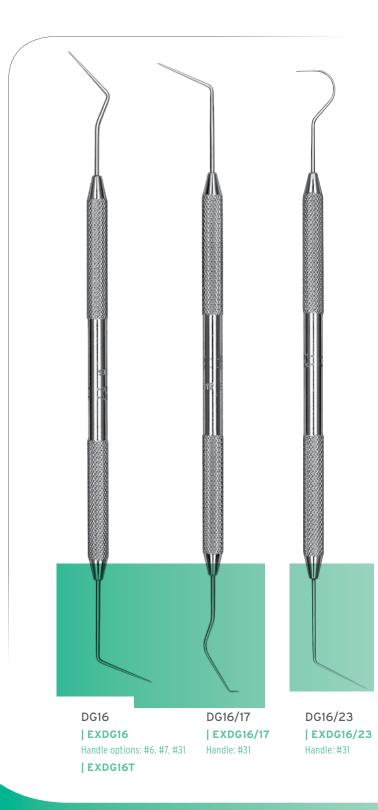
Allam Retractor Handle



EXPLORERS

Hu-Friedy's endodontic explorers are made from a special blend of alloy which provides the flexibility, strength, tactile sensitivity and resilience clinicians need when exploring and assessing the treatment site. They are available in several double-ended designs and handles.







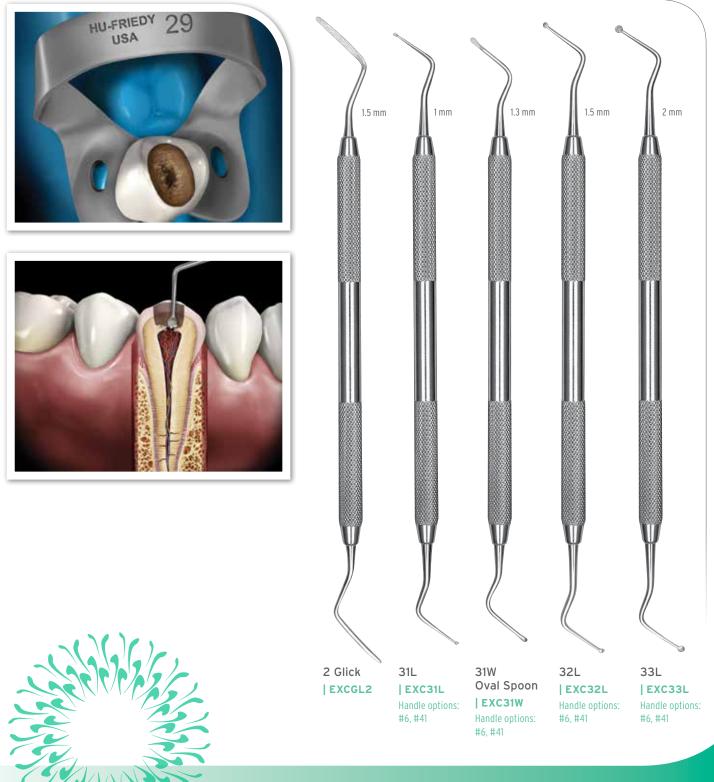






EXCAVATORS

Hu-Friedy's endodontic excavators feature extended-length shanks and are meticulously handcrafted from the highest grade stainless steel. They help the clinician access the pulp chamber for easy and efficient removal of dentin. The result is a superior clinical outcome and improved efficiency.





ENDODONTIC ACCESSORIES

In addition to critical procedural instruments such as spreaders, pluggers and rubber dam clamps, endodontic accessories, the "staples" of the office, are available to complete the line-up of Endo Essentials.





Steiglitz Straight 5-1/2" (14 cm)*



Steiglitz (Archer) 45° 5-1/4" (13-1/2 cm)*



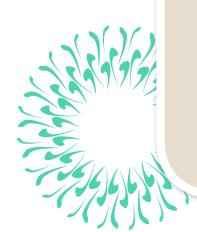
Steiglitz 90° 4-3/4" (12 cm)* | **RF90** Peet 45° 4-3/4" (12 cm)*



scale.

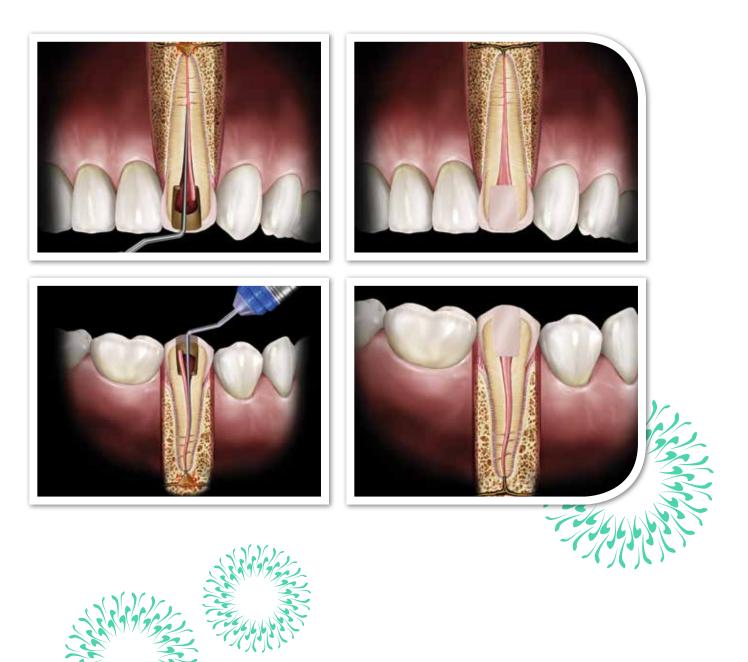
U-FRIEDY USA

> 6-1/2" (16-1/2 cm) Locking Pliers

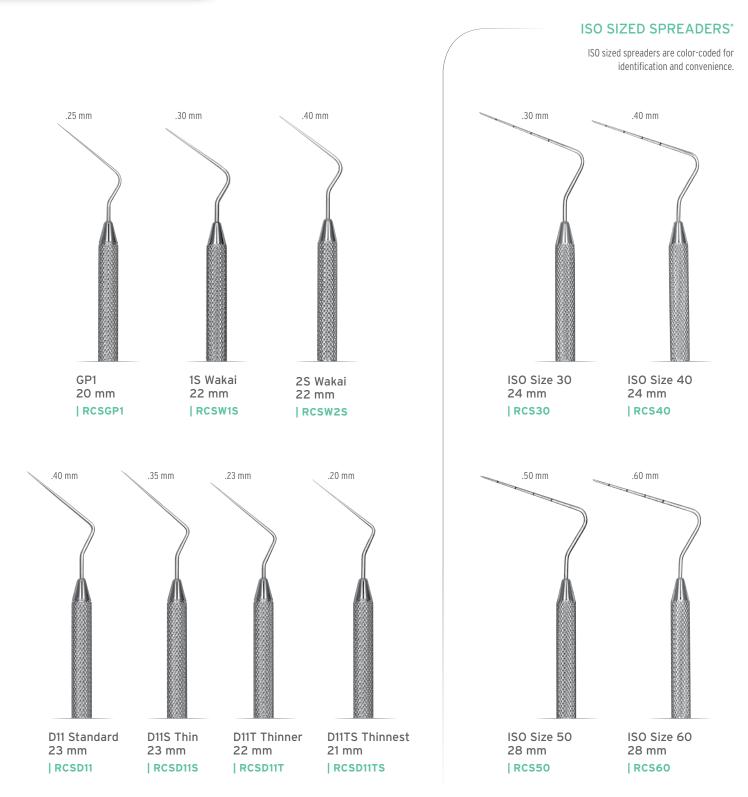


SPREADERS

Hu-Friedy manufactures a wide variety of spreaders, all handcrafted from the finest stainless steel to precise specifications. Choose from NiTi spreaders, ISO sized spreaders with color coded handles for easy identification, heat carriers, and a variety of other popular spreaders. Our spreaders help the clinician gain access into the most difficult canals for optimal compaction of filling material during lateral condensation.







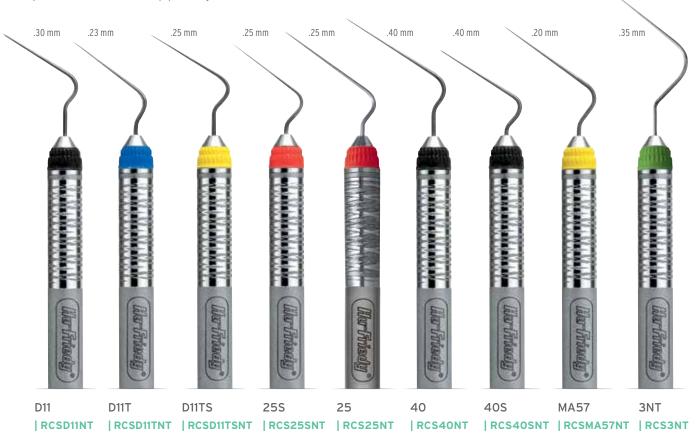
*D1=Diameter of instrument 1 mm from the tip. These measurements (i.e., .30) appear next to the tips of the instruments.

ISO Spreaders have an ISO color-coded band on the handle for ease of identification during usage: #30-Blue, #40-Black, #50-Yellow, #60-Blue

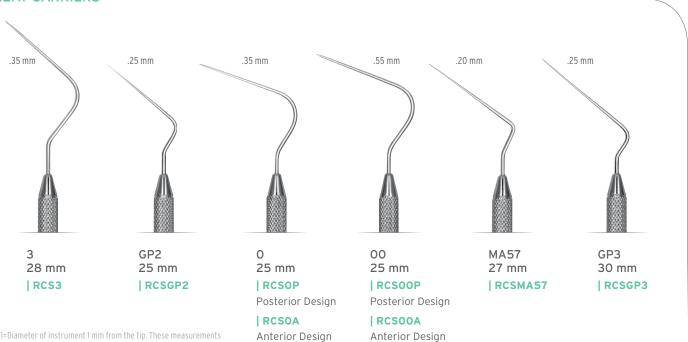


NICKEL TITANIUM ENDODONTIC SPREADERS*

Nickel Titanium, or NiTi, points provide these spreaders with extra flexibility and "memory" while the ergonomic, color-coded Satin Steel handles provide maximum comfort, control and easy identification. Choose from nine popular designs.



HEAT CARRIERS*

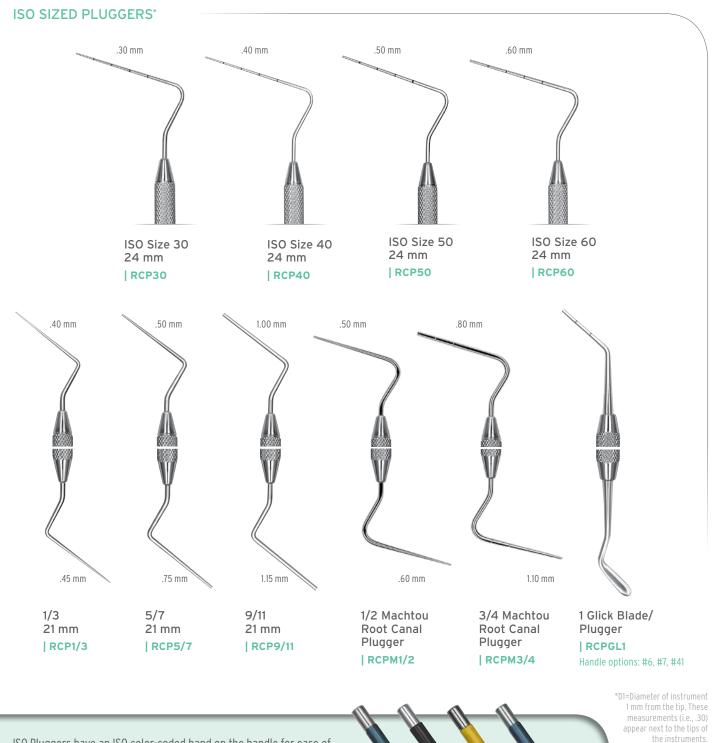


*D1=Diameter of instrument 1 mm from the tip. These measurements (i.e., .30) appear next to the tips of the instruments.



PLUGGERS

When performing vertical condensation, choose from ISO-sized anterior or posterior options, Machtou, the Glick Blade/Plugger or other options. These pluggers are handcrafted to exact specifications using the finest materials.



ISO Pluggers have an ISO color-coded band on the handle for ease of identification during usage: #30-Blue, #40-Black, #50-Yellow, #60-Blue.



ø

0

0.40 mm

0.50 mm

0.66 mm

0.78 mm

0.90 mm

0

0.74 mm

0.80 mm

0.96 mm

1.20 mm

1.45 mm

.50 mm

L2

1.00 mm

18 mm

RCPL2

Ó

.45 mm

L1 18 mm

.75 mm

L3 18 mm

| RCPL3

| RCPL1

SLEIMAN PLUGGERS / HEAT CARRIERS



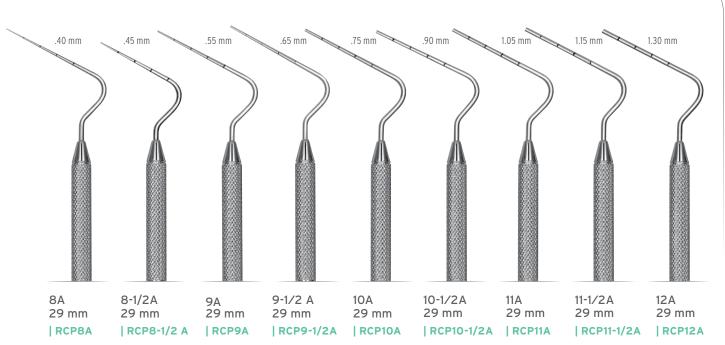
L4 18 mm RCPL4

*D1=Diameter of instrument 1 mm from the tip. These measurements (i.e., .30) appear next to the tips of the instruments. Marked at 5 mm intervals to assess penetration depth.

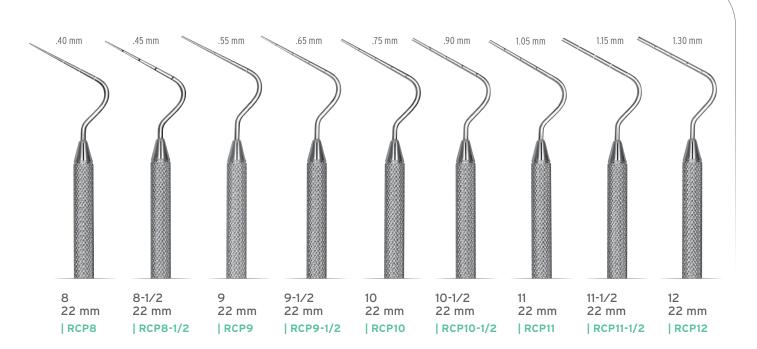


ANTERIOR

Anterior condensers are 7 mm longer than posterior condensers.



POSTERIOR





RUBBER DAM CLAMPS

Hu-Friedy rubber dam clamps are made in the USA from proprietary Satin Steel for corrosion resistance, superior strength, and a fine balance between flexibility and memory. The matte finish on all 48 styles absorbs and dissipates light instead of reflecting it back, so you can experience a comfortable field of vision that is easier on the eyes – to help you perform at your best.

HU-HRIEDY 12A







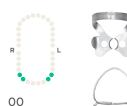






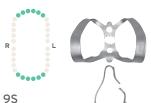
A complete line of Satin Steel® Rubber Dam clamps for anterior, premolar and molar applications.

ANTERIOR



| RDCMOO

Flat jaws and high bow for small lower canines and first premolars.



I RDCM9S Offset flat serrated jaws for anterior teeth.



anterior teeth.

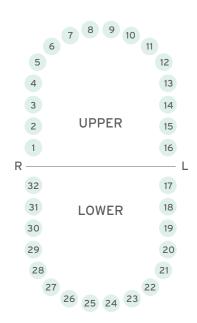
| RDCM6 Slightly offset jaws for labial caries on anterior teeth.



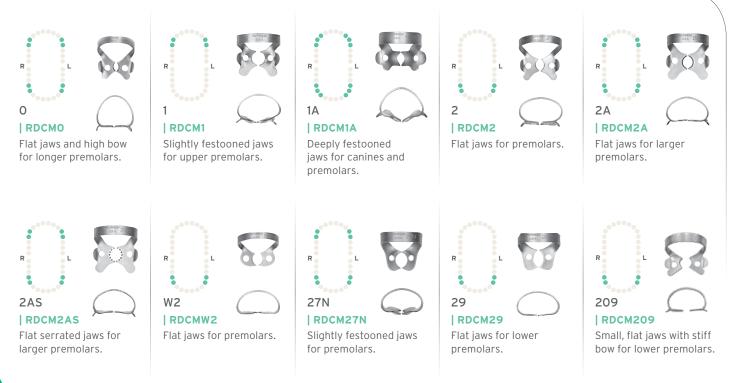


9

212SA | RDCM212SA Slightly offset staggered jaws for odd shaped anteriors.



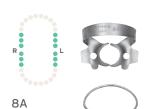
PREMOLARS







MOLARS (GENERAL)



| RDCM8A Deeply festooned four-point jaws for molars.



11 | RDCM11

Flat jaws designed for small upper right and lower left molars; paired with RDCM10.



18

I RDCM18 Flat jaws and stiff bow for molars.



RDCM56 Slightly festooned jaws for large molars.



RDCM8AD Deeply festooned jaws and

extended bow for distal

access to molars.



14A

W8A RDCMW8A



Slightly festooned jaws for molars.



RDCM14A

Deeply festooned jaws for partially erupted or irregularly shaped molars; larger than RDCM14.

RDCM25

Flat jaws for upper left and lower right molars; paired with RDCM24.



10

W14A

27



molars; paired with RDCM11.



RDCMW14A



Deeply festooned jaws for partially erupted or irregularly shaped molars.



I RDCM27 Flat jaws for large molars.

14

RDCM14

Deeply festooned jaws

for partially erupted or

irregularly shaped molars.

24 RDCM24

Flat jaws for upper right and lower left molars; paired with RDCM25.



Slightly festooned serrated jaws for large partially erupted or irregularly shaped molars.

25



UPPER MOLARS



I RDCM4 Flat narrow jaws for small upper molars.



I RDCMW4 Flat narrow jaws for small upper molars.



I RDCM5 Slightly festooned jaws for large upper molars.



I RDCM8 Deeply festooned jaws for upper molars.



26N I RDCM26N

Flat jaws for upper molars.



30 RDCM30 Offset jaws for upper right molars; paired with RDCM31.



RDCM31 Offset jaws for upper left molars; paired with RDCM30.



RDCM201 Slightly festooned jaws for upper molars.

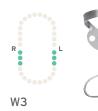


| RDCM205 Slightly festooned jaws for large upper molars.

LOWER MOLARS



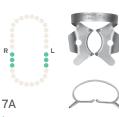
RDCM3 Flat narrow jaws for small lower molars.



| RDCMW3 Flat narrow jaws for small lower molars.



RDCM7 Flat jaws for lower molars.



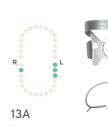
RDCM7A Slightly reversed festooned jaws for large lower molars.



| RDCMW7 Flat jaws for lower molars.



RDCM12A Serrated offset jaws for lower right molars; paired with RDCM13A.



| RDCM13A Serrated offset jaws for lower left molars; paired with RDCM12A.



| RDCM26 Slightly reversed festooned jaws for small lower molars.



RDCM28 Flat jaws for lower molars.



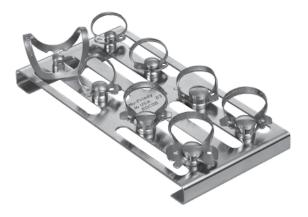


Rubber Dam Clamp Organizing Board*

| RDCOB

Store, sterilize and organize with eight pegs that securely hold your clamps. Clamps not included.

Dimensions: 4.62" x 2.4" x .375" (117 mm x 61 mm x 10 mm)

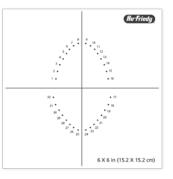




RUBBER DAM CLAMP ACCESSORIES & KITS

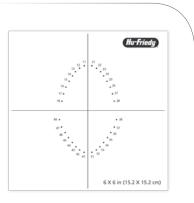
Our line of 48 Satin Steel matte finish rubber dam clamps wouldn't be complete without these endo-essential accessories and kits. The IMS section of Endo Essentials includes IMS part boxes that are useful for clamp storage and sterilization.

RUBBER DAM TEMPLATES



Universal Rubber Dam Template** | RDTUNIV Adult template shown.

Pedodontic template also included.

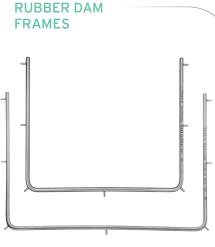


FDI Rubber Dam Template**
| RDTFDI
Adult template shown

Adult template shown. Pedodontic template also included.



4 7" (17-1/2 cm)** | RDF4 Rubber Dam Forceps 6-1/2" (17 cm)**



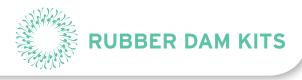
Rubber Dam Frame Child 5" (13 cm)**



RUBBER DAM PUNCHES

Rubber Dam Punch 6-3/4" (16 cm)** | RDP

Ainsworth 6-3/4" (17-1/2 cm)** | RDPA



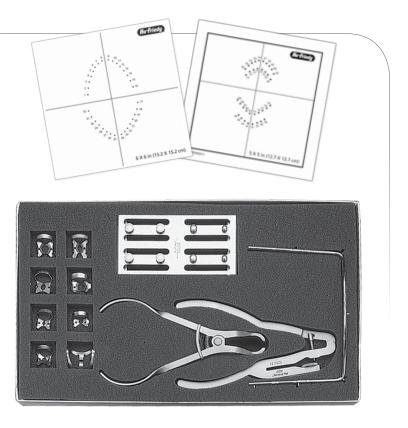
Rubber Dam kits and collections give clinicians more choices, from an entire kit to basic clamp set-ups.

Rubber Dam Kit

RDKIT

Basic items needed for rubber dam procedures conveniently packaged in a kit (also available individually).

Rubber Dam Clamp Forceps	RDF
Rubber Dam Punch	RDP
Rubber Dam Frame-Adult	RDAF6
Universal Rubber Dam Template	RDTUNIV
FDI Rubber Dam Template	RDTFDI
Rubber Dam Clamp Organizing Board	RDCOB
#0 Satin Steel Rubber Dam Clamp	RDCMO
#1 Satin Steel Rubber Dam Clamp	RDCM1
#2 Satin Steel Rubber Dam Clamp	RDCM2
#7 Satin Steel Rubber Dam Clamp	RDCM7
#8 Satin Steel Rubber Dam Clamp	RDCM8
#8A Satin Steel Rubber Dam Clamp	RDCM8A
#14A Satin Steel Rubber Dam Clamp	RDCM14A
#212 Satin Steel Rubber Dam Clamp	RDCM212





Rubber Dam Clamp 7 Pack | RDCSET7

#00 Satin Steel Rubber Dam Clamp	RDCM00
#2 Satin Steel Rubber Dam Clamp	RDCM2
#7 Satin Steel Rubber Dam Clamp	RDCM7
#8 Satin Steel Rubber Dam Clamp	RDCM8
#8A Satin Steel Rubber Dam Clamp	RDCM8A
#9 Satin Steel Rubber Dam Clamp	RDCM9
#14A Satin Steel Rubber Dam Clamp	RDCM14A



#0 Satin Steel Rubber Dam Clamp	RDCMO
#1 Satin Steel Rubber Dam Clamp	RDCM1
#14A Satin Steel Rubber Dam Clamp	RDCM14A
#2 Satin Steel Rubber Dam Clamp	RDCM2
#212 Satin Steel Rubber Dam Clamp	RDCM212
#7 Satin Steel Rubber Dam Clamp	RDCM7
#8 Satin Steel Rubber Dam Clamp	RDCM8
#8A Satin Steel Rubber Dam Clamp	RDCM8A