

Miltex
Redefining Excellence



ENDODONTICS

Miltex

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I N T R O D U C T I O N

The Miltex line of endodontic products exceeds the needs of dental professionals for all sequences of the endodontic procedure with an extensive offering which includes: hand instruments, hand files, rotary files, marked gutta percha, and a variety of accessory endodontic products.

- **Hand Instruments** - Our selection of hand instruments include pluggers, spreaders, condensers, excavators, spatulas, and plastic filling instruments; they are available in the stainless steel, octagonal, TactileTone, GripLite®, and GripLite® S6 handle options.
- **Hand Files** - Miltex offers a complete line of hand files including: K-type files, hedstrom files, reamers and barbed broaches; and are offered in both stainless steel and nickel- titanium options. Our Hi-5 files are great for calcified or small canals because their unique strong pentagonal cross section facilitates easy penetration.
- **Rotary Files** - The revolutionary Liberator® rotary nickel-titanium files feature a patented straight blade design and manufacturing process that minimizes ledging and transportation, allowing the Liberator files to provide an unprecedented level of safety and control.
- **Marked Gutta Percha & Paper Points** - The new Miltex® marked gutta percha features millimeter markings that allow the dentist to view the depth reached by the gutta percha in the canal, ensuring that the apex is properly sealed. Various sizes and tapers are available.
- **Sprint TCM motor & Handpiece** - the Sprint Torque Control Motor allows you to confidently clean and shape curved canals with pre-selectable speed and torque control limits, which greatly reduces the risk of file separation. Three reduction angles are also available separately or as part of a set (1:1, 8:1, and 10:1).
- **Other products** - Miltex also offers medicament solutions, cotton/college pliers, canal aspirators, and endo stands and trays.



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TACTILE TONE™

- Silicone grips provide cushioned, stable grip
- Wider diameter than the traditional handle reduces hand and wrist fatigue
- Color coding by instrument families



#6



#4

STAINLESS STEEL

- Hollow lightweight handle reduces hand and wrist fatigue
- Knurling on handles provides better gripping
- Variety of handle sizes (Round, Size 4, Size 6) meets individuals needs



Knurled



Smooth



w/Ruler

OCTAGONAL

- Octagonal stainless-steel handles
- Options for knurled or smooth handles
- Mirror handle available with a handle ruler



GripLite®



GripLite® S⁶

GRIPLITE® & GRIPLITE® S⁶

- GripLite® features a lightweight size 6 resin handle
- GripLite® S⁶ features a lightweight size 6 stainless steel handle
- Razor-sharp points maintain edge
- Ergonomically designed grips, provide excellent tactile feel
- Anti-roll feature, prevents instruments from rolling when placed on trays
- Color coding by instrument families
- Color code rings are available for instrument personalization or procedural set-ups

RECOMMENDED PROCEDURAL KIT

Using a procedural setup is an excellent way to efficiently organize instruments for specific procedures.

- Save time by placing procedure instruments in one cassette.
- Store instruments together sequentially.
- Clean, and store instruments quickly and easily.
- Protect instruments against damage.

The following setups can be used as a guideline for developing personalized procedural setups. All cassettes and instruments are ordered separately.

Note: Different instrument handle styles are available. Please contact Miltex customer service at (866) 854-8300 for additional information.

Exam Set-Up

The exam set-up can be used for routine patient exams.

REF	Description
3-083105	Series 5-5 cassette instrument single rack
67-700/5	Autoclavable Fiberglass Front Surface Mirror, White, Size #5
80-5302	5 DE Explorer Griplite S ⁶
80-5301	ODU 11/12 Explorer Griplite S ⁶
80-5350	1-UNC-15 DE Probe Griplite S ⁶
66-317	Dental Cotton (College) Pliers, serrated tips, jaw length: 14.0-14.5





017-27541

017-27521



66-311

66-312A

COLLEGE (COTTON) PLIERS

REF	Description
017-27521	MERRIAM Econo Plier, serrated
017-27541	FLAGG Plier, serrated beak
66-311	311 Dental Cotton (College) Pliers, forked tips, smooth
66-312A	312A Dental Cotton (Perry) Pliers, angled, serrated tips
66-317	317 Dental Cotton (College) Pliers, serrated tips
66-317A	317A Dental Cotton (College) Pliers extra fine tips, serrated
66-317B	317B College Pliers, X-fine tips, serrated w/long fine points
66-317S	317 Dental Cotton (College) Pliers, smooth tips
66-318	318 MERIAM Pliers, serrated tips
66-318-49	318-49 College Pliers, non-pinch, fine points, serrated
66-49	49 College Pliers, non-pinch, fine points, serrated
66-652	Cotton Pliers with lock, serrated tips
66-656	Cotton Pliers with lock, grooved tips
V966-317	VANTAGE College Pliers, 6" (15.2 cm), with pin, serrated tips
V966-652	VANTAGE Self-Locking College Pliers 6" (15.2 cm), serrated tips



66-318



66-656

66-652
V966-652



66-317
V966-317



66-317A



66-317B



66-317S



66-318-49



66-49

EXPLORERS – DOUBLE-ENDED

Examine teeth with explorers for caries and calculus detection, exploration of furcations, restorations and pocket characteristics.

Description		GripLite S6	GripLite	Tactile Tone	Stainless #6	Round	Octagonal
1		-	-	EE1	-	69-6201	69-1D
2		-	-	EE2	-	69-6200	69-2D
2A		-	-	EE2A	-	69-6202A	-
2SL		-	-	EE2SL	-	69-6202SL	-
3		-	-	EE3	-	69-6202	69-3D
3CH		-	-	EE3CH	-	69-6204	-
3ES		-	-	EE3ES	-	69-6203ES	-
3ML		-	-	EE3ML	-	69-6203ML	-
5		80-5302	70-5302	EE5	-	69-6206	69-5D
6		-	-	EE6	-	69-6205	69-6D
7		-	-	EE1314	-	69-6207	69-7D
16		-	-	EE16	-	69-6208	-
16/17		-	-	EE1617	-	-	-
ODU 11/12		80-5301	70-5301	EE1112	-	-	-
Tufts 17-23		80-5303	70-5303	EE1723	-	69-6209	-
6/23		-	-	-	-	AE623	-



GripLite S6



GripLite



Tactile Tone



Round



Octagonal

EXPLORERS – SINGLE-ENDED

Examine teeth with explorers for caries and calculus detection, exploration of furcations, restorations and pocket characteristics.

Description		GripLite S6	GripLite	Tactile Tone	Stainless #6	Round	Octagonal
3		-	-	FE3	-	-	-
3A		-	-	-	-	69-6220	69-3A-S
6		-	-	FE6	-	69-6222	69-6S
7		-	-	-	-	69-6223	69-7S
17		-	-	FE17	-	69-6224	69-17S
23		80-5300	70-5300	FE23	-	69-6226	69-23S

EX-PROBE

Double ended instrument with a probe point on one end and an explorer point on the other end. Eliminates the need for two instruments, one end can be used for examination while the other end can be used to measure pocket depths.

Description		Markings	GripLite S6	GripLite	Tactile Tone	Round	Octagonal
0-23		3, 6, 8, 10	-	-	EE023	69-6338	-
0W-23		1-3, 5, 7-10	80-5401	70-5401	EE0W23	69-6339	-
4-23		3, 6, 9, 12	80-5400	70-5400	EE423	69-6340	-
GF17		2-4, 6, 8-11	-	-	-	-	69-6210
PE1-23 (1-23)		1-3, 5, 7-10	-	-	EE123	69-6337	69-6214
UNC15-23		1-3, 5, 7-15	-	-	EE1523	69-6342	-
WHO-23		3.5, 5.5	80-5402	70-5402	EEWHO23	69-6341	-

Images are enlarged to show more detail

PROBES – DOUBLE-ENDED

Color coded depth indicators for measuring periodontal pocket depth and attachment levels in millimeter increments.

Description		mm Markings	GripLite S6	GripLite	Tactile Tone	Round	Octagonal
1/UNC15		1-3, 5, 7-10 / 1-3, 5, 7-15	80-5350	70-5350	EE115	69-6332	-
4/UNC15		3, 6, 9, 12 / 1-15	-	-	EE415	69-6333	-
Baylor 1/2		3, 6, 9, 12 (curved end) / 3, 6, 8, 11 (straight end)	-	-	EEB12	69-6334	-
C		3, 6, 9, 12	-	-	-	-	69-6216
GF 18 (1/2)		1-3, 5, 7-10	-	-	EE12	69-6331	69-6212
Nabor 1		None	-	-	EEN1	69-6335	-
Nabor 2		3, 6 / 3, 6	-	-	EEN2	69-6336	-

Images are enlarged to show more detail



GripLite S⁶

GripLite

Tactile Tone

Round

Octagonal

PROBES – SINGLE-ENDED

Color coded depth indicators for measuring periodontal pocket depth and attachment levels in millimeter increments.

Description		mm Markings	GripLite S6	GripLite	Tactile Tone	Round	Octagonal
1 (Williams)		1-3, 5, 7-10	-	-	FE1	69-6313	-
2 (Goldman Fox)		1-3, 5, 7-10	-	-	FE2	69-6317	-
4 (X2)		3, 6, 9, 12	80-5351	70-5351	FE4	69-6318	69-6218
O (Michigan)		3, 6, 8	-	-	FE0	69-6314	-
OW		1-3, 5, 7-10	-	-	FE0W	69-6315	-
UNC15		1-3, 5, 7-15	-	-	FE15	69-6320	-
WHO (PSR)		3.5, 5.5, 8.5, 11.5	-	-	FEWHO	69-6319	-



A Miltex probe measuring Periodontal pocket depth.

FACT

Miltex probes have black color markings which will hold up in a variety of sterilization methods.

MIRROR HANDLES

Available in cone socket and simple stem patterns with a variety of handle options.

Description	GripLite S6	GripLite	Tactile Tone	Round	Octagonal Knurled	Octagonal Smooth	Octagonal w/Ruler	RMH Integrator
Cone Socket Single End Single Pack	80-5450	70-5450	UM	011-26643	011-26641	011-26642	67-688	011-26628
Cone Socket Single End 12 Per Pack	-	-	-	67-685	67-680	-	-	-
Cone Socket Double End Single Pack	80-5451	70-5451	-	-	-	-	-	-
Simple Stem Single End Single Pack	80-5152	70-5152	UMS	--	011-26601	011-26602	-	-
Simple Stem Single End 12 Per Pack	-	-	-	67-686	67-684	-	-	-



GripLite S6

GripLite

Tactile Tone

Round

Octagonal – Knurled

Octagonal – Smooth

Octagonal w/Ruler

RMH Integrator™

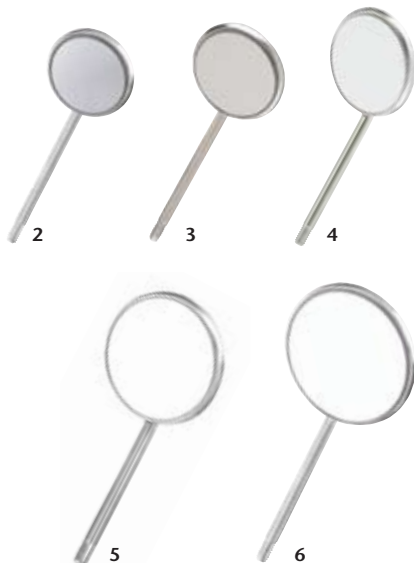
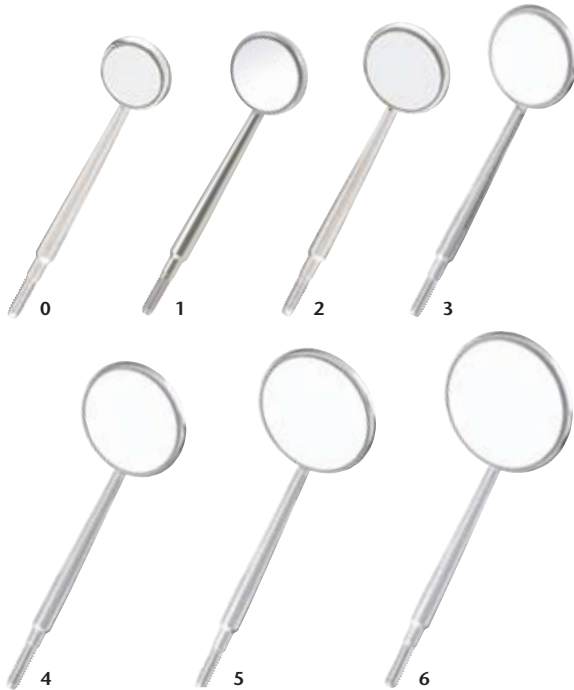
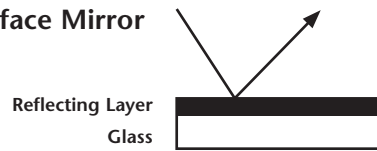
SILICONE MIRROR HANDLES

Cone socket silicone mirror handles are ergonomical and lightweight which helps reduce hand and wrist fatigue. Handles are available in seven different colors and are autoclavable.

REF	Description
67-750	Silicone Mirror Handle, Cone Socket, 7/pk, Purple
67-751	Silicone Mirror Handle, Cone Socket, 7/pk, Green
67-752	Silicone Mirror Handle, Cone Socket, 7/pk, Yellow
67-753	Silicone Mirror Handle, Cone Socket, 7/pk, Blue
67-754	Silicone Mirror Handle, Cone Socket, 7/pk, Orange
67-755	Silicone Mirror Handle, Cone Socket, 7/pk, White
67-756	Silicone Mirror Handle, Cone Socket, 7/pk, Grey
67-757	Silicone Mirror Handle, Cone Socket, 7/pk, Assorted



Front Surface Mirror



FRONT SURFACE MIRRORS

Miltex Front Surface Mirrors eliminate the “ghost image” altogether because the reflecting layer is no longer behind the glass but on its surface. It reflects only once, guaranteeing clear vision, free from all distortion.

Front Surface, Cone Socket Mirrors – Dozens

Description	Miltex Mirror	Indian Head	Indian Head
		Electro-Polished	Chrome
Size 0 (Single Only)	-	011-24703	-
Size 1 (Single Only)	-	011-24702	-
Size 2	-	011-24700	-
Size 2 (Single Only)	-	011-24701	-
Size 3	67-696/3	011-24692	011-26472
Size 4	67-696/4	011-24693	011-26473
Size 5	67-696/5	011-24694	011-26474
Size 6	-	011-24695	011-26475
1 1/4" (Single Only)	-	011-24515	-
1 1/2" (Single Only)	-	011-24511	-
2" (Single Only)	-	011-24506	-
2" with Handle (Single Only)	-	011-24507	-

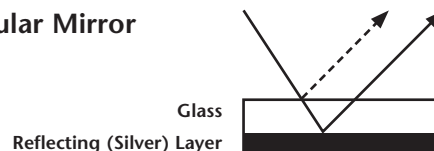
Front Surface, Simple Stem Mirrors – Dozens

Description	Miltex Mirror	Indian Head	Indian Head
		Electro-Polished	Chrome
Size 0 (Single Only)	-	-	-
Size 1 (Single Only)	-	-	-
Size 2	-	011-24674	-
Size 2 (Single Only)	-	011-24673	-
Size 3	67-698/3	011-24677	011-26422
Size 4	67-698/4	011-24678	011-26423
Size 5	67-698/5	011-24679	011-26424
Size 6	-	011-24680	011-26425
1 1/4" (Single Only)	-	011-24513	-
1 1/2" (Single Only)	-	011-24509	-
2" (Single Only)	-	011-24502	-
2" with Handle (Single Only)	-	011-24503	-

PLANE SURFACE MIRRORS

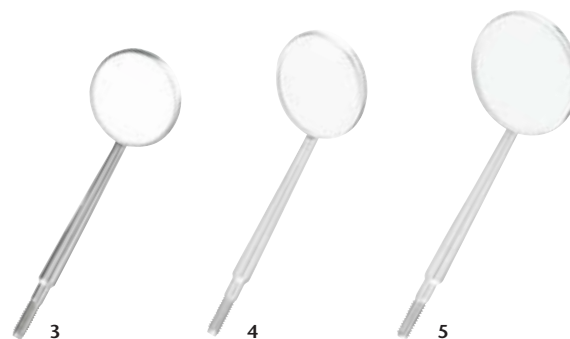
Miltex plane surface mirrors (also known as regular mirrors) have a silver coating on the back of the glass. As a result, light is reflected from the top of the glass as well as from the silver layer, causing a double image. Miltex plane surface mirrors can be sterilized in boiling water.

Regular Mirror



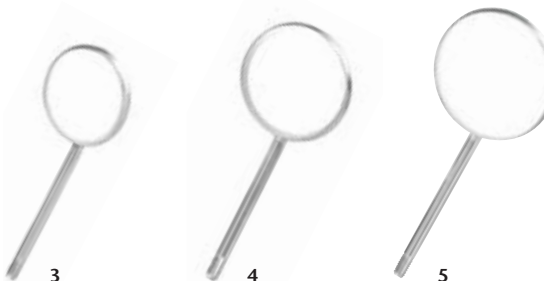
Plane Surface, Cone Socket Mirrors – Dozens

Description	Miltex Mirror	Indian Head	Indian Head
		Electro-Polished	Chrome
Size 0	-	-	-
Size 1	-	-	-
Size 2	-	-	-
Size 3	67-664/3	-	-
Size 4	67-664/4	-	-
Size 5	67-664/5	-	-
Size 6	-	-	-
1 1/4" (Single Only)	-	011-24514	-
1 1/2" (Single Only)	-	011-24510	-
2" (Single Only)	-	011-24504	-
2" with Handle (Single Only)	-	011-24505	-



Plane Surface, Simple Stem Mirrors – Dozens

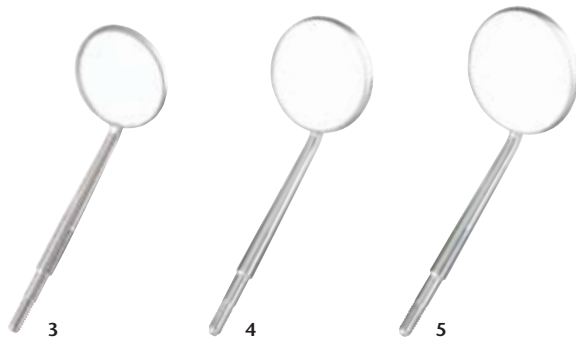
Description	Miltex Mirror	Indian Head	Indian Head
		Electro-Polished	Chrome
Size 0	-	-	-
Size 1	-	-	-
Size 2	-	-	-
Size 3	67-672/3	-	-
Size 4	67-672/4	-	-
Size 5	67-672/5	-	-
Size 6	-	-	-
1 1/4" (Single Only)	-	011-24512	-
1 1/2" (Single Only)	-	011-24508	-
2" (Single Only)	-	011-24500	-
2" with Handle (Single Only)	-	011-24501	-



MAGNIFYING SURFACE MIRRORS

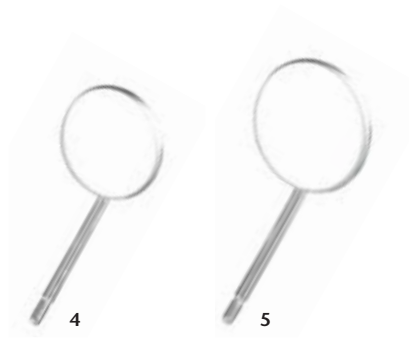
Miltex magnifying mirrors are also known as concave mirrors. The magnification is 2x that of a front surface mirror.

Magnifying Surface Cone Socket Mirrors – Dozens



Description	Miltex Mirror	Indian Head Electro-Polished	Indian Head Chrome
Size 0	-	-	-
Size 1	-	-	-
Size 2	-	-	-
Size 3	67-668/3	-	-
Size 4	67-668/4	-	-
Size 5	67-668/5	-	-
Size 6	-	-	-

Magnifying Surface Simple Stem Mirrors – Dozens



Description	Miltex Mirror	Indian Head Electro-Polished	Indian Head Chrome
Size 0	-	-	-
Size 1	-	-	-
Size 2	-	-	-
Size 3	-	-	-
Size 4	67-676/4	-	-
Size 5	67-676/5	-	-
Size 6	-	-	-

DOUBLE SIDED FRONT SURFACE MIRRORS – 6/PACK

Miltex double sided mirrors provide a view of the intra-oral cavity from multiple angles and views.

Description	Miltex Mirror	Indian Head	Indian Head
		Electro-Polished	Chrome
Size 4	67-719	-	-
Size 5	67-720	-	-



MICRO MIRRORS CONE SOCKET

Miltex micro mirrors feature a Rhodium front surface mirror fitted on a stainless steel mounting to assure sharpness and clarity of the reflected surface. The mirrors are used in conjunction with microscopes during micro surgery such as periodontitis and endodontic surgeries.

Description	Miltex Mirror
Micro Mirror - 3mm, Oval (ea.)	017-24800
Micro Mirror - 5mm, Oval (ea.)	017-24801
Micro Mirror - 9/3mm, Rectangle (ea.)	017-24802
Micro Mirror - 7/2mm, Rectangle (ea.)	017-24803





011-24804

011-24805

011-24806

RETRO MIRRORS CONE SOCKET

Miltex retro mirrors feature a highly polished chrome plated brass surface. The mirrors are used for assisting in the visualization of hard to reach areas or used in conjunction with microscopes during micro surgeries.

Description	Miltex Mirror
Retro Mirror #1 - 3mm, Round (ea.)	011-24804
Retro Mirror #2 - 5mm, Round (ea.)	011-24805
Retro Mirror #3 - 6mm, Round (ea.)	011-24806



017-26842

017-26844

HAND MIRRORS

Miltex hand mirrors are plane surface mirrors (also known as regular mirrors) and are ideal for patient home-care or for patient viewing after procedures are completed.

Description	One Side Magnifying	One Side Plane
	One Side Plane	Regular Handle
3 1/2"	017-26842	011-26821
5"	017-26844	-



011-26821

INTRA ORAL MIRRORS

Miltex intra-oral mirrors are ideal for photography.

Description	Miltex Mirror
No. 3 Adult Occlusal Intra Oral Mirror (2 1/2" w x 4" l)	017-26805
No. 1 Adult Buccal Intra Oral Mirror (1 3/4" w x 6" l)	017-26806
No. 2 Adult Lingual Intra Oral Mirror (1 3/4" w x 6" l)	017-26807
No. 3 Child Occlusal Intra Oral Mirror (2 1/2" w x 3 1/2" l)	017-26808



017-26805



017-26808



017-26807



017-26806

REUSABLE FRONT SURFACE FIBERGLASS MIRRORS

The new line of Colored Fiberglass Mirrors, consist of 6 fun and exciting pastel colors: white, blue, green, yellow, lavender, and rose. The multiple colors provide dental professionals with the ability to color-code by hygienist, procedural set-up and provide colorful fun for pediatric patients. The fiberglass mirrors are front surface, autoclaveable and provide the dental professional with clear, accurate vision free from distortion.

Description	Miltex Mirror Size 4	Miltex Mirror Size 5
White	67-800/4	67-800/5
Lavender	67-801/4	67-801/5
Green	67-802/4	67-802/5
Yellow	67-803/4	67-803/5
Rose	67-804/4	67-804/5
Blue	67-805/4	67-805/5



67-805



67-804



67-803



67-802



67-801



67-800

DISPOSABLE MIRRORS

Miltex disposable plane surface mirrors are made from a durable plastic and individually wrapped. They are ideal for home use and for use during air abrasion procedures.

Description	Miltex Mirror
Plane Surface Mirror, Size 4, Economical, 72/box	017-26810
Plane Surface Mirror, Size 4, Economical Deluxe, 72/box	017-26811



017-26810



017-26811

RECOMMENDED PROCEDURAL KITS

Using a procedural setup is an excellent way to efficiently organize instruments for specific procedures.

- Save time by placing procedure instruments in one cassette.
- Store instruments together sequentially.
- Clean, and store instruments quickly and easily.
- Protect instruments against damage.

The following setup can be used as a guideline for developing personalized procedural setups. All cassettes and instruments are ordered separately.

Fact: Different instrument handle styles are available. Please contact Miltex customer service at (866) 854-8300 for additional information.



Rubber Dam Set-Up

Ideal for use in conjunction with endodontic, periodontic, or any procedure where a rubber dam is used. The Thompson 7 utility cassette is ideal for storing rubber dam instruments and clamps.

REF	Description
3-083005	Series 5 cassette utility rack
STDPB	Parts Box
76-5	Rubber Dam Punch (Ainsworth Type)
76-22	Lightweight Rubber Dam Forceps, U.S. Government pattern
76-24	Rubber Dam Holder
76D-1	Dental Dam Clamp style 1
76D-2A	Dental Dam Clamp style 2A
76D-9	Dental Dam Clamp style 9
76D-26N	Dental Dam Clamp style 26N
76D-27N	Dental Dam Clamp style 27N
76D-201	Dental Dam Clamp style 201



017-30600

RUBBER DAM FRAMES

Rubber dam frames are used to hold rubber dam material in place during dental procedures. The Miltex rubber dam frames do not require straps to keep the frame/rubber dam in place.

REF	Description
017-30600	Rubber Dam Frame, Plastic
76-24	Rubber Dam Holder



76-24

RUBBER DAM CLAMP FORCEPS

Lightweight rubber dam clamp forceps are used to place rubber dam clamps prior to a dental procedure. The Miltex forceps will quickly place clamps and have a locking ring which slides along the handle holding the beak in any position.

REF	Description
76-15	UNIVERSITY OF WASHINGTON Pattern Rubber Dam Clamp Forceps
76-20	BREWER Rubber Dam Forceps
76-22	Lightweight Rubber Dam Forceps



76-15



76-20



76-22

RUBBER DAM PUNCHES

Rubber Dam Punches are used to punch holes in rubber dam material. Miltex offers Ainsworth and Ivory style rubber dam punches. Both punches have five different punch sizes to ensure the proper fit.

REF	Description
76-5	Rubber Dam Punch (Ainsworth Type)
76-10	Rubber Dam Punch (Ivory Type)



76-5



76-10

FACT

Miltex rubber dam punches will cleanly punch even the heaviest gauge rubber dam material.



76D-W3



76D-3



76D-7A



76D-12A



76D-13A



76D-26



76D-28

RUBBER DAM CLAMPS - LOWER MOLARS

Rubber Dam Clamps are tooth specific and can be used in pairs.

REF	Description
76D-W3	Dental Dam Clamp style W3
76D-3	Dental Dam Clamp style 3
76D-7A	Dental Dam Clamp style 7A
76D-12A	Dental Dam Clamp style 12A
76D-13A	Dental Dam Clamp style 13A
76D-26	Dental Dam Clamp style 26
76D-28	Dental Dam Clamp style 28



76D-4



76D-5



76D-8



76D-26N

RUBBER DAM CLAMPS - UPPER MOLARS

Rubber Dam Clamps are tooth specific and can be in pairs.

REF	Description
76D-4	Dental Dam Clamp style 4
76D-5	Dental Dam Clamp style 5
76D-8	Dental Dam Clamp style 8
76D-26N	Dental Dam Clamp style 26N
76D-30	Dental Dam Clamp style 30
76D-31	Dental Dam Clamp style 31
76D-201	Dental Dam Clamp style 201
76D-205	Dental Dam Clamp style 205



76D-30



76D-31



76D-201



76D-205

RUBBER DAM CLAMPS – PRE-MOLARS

Rubber Dam Clamps are tooth specific and can be used in pairs.

REF	Description
76D-0	Dental Dam Clamp style 0
76D-1	Dental Dam Clamp style 1
76D-2A	Dental Dam Clamp style 2A
76D-2	Dental Dam Clamp style 2
76D-27N	Dental Dam Clamp style 27N
76D-29	Dental Dam Clamp style 29



76D-0



76D-1



76D-2A



76D-2



76D-27N



76D-29

RUBBER DAM CLAMPS – ANTERIOR

Rubber Dam Clamps are tooth specific and can be used in pairs.

REF	Description
76D-00	Dental Dam Clamp style 00
76D-1A	Dental Dam Clamp style 1A
76D-9	Dental Dam Clamp style 9
76D-212	Dental Dam Clamp style 212



76D-00



76D-1A



76D-9



76D-212



76D-W8A



76D-8A



76D-10



76D-11



76D-14



76D-18



76D-24



76D-25



76D-27N



76D-56



76D-14A

RUBBER DAM CLAMPS – MOLARS

Rubber Dam Clamps are tooth specific and can be used in pairs.

REF	Description
76D-W8A	Dental Dam Clamp style W8A
76D-8A	Dental Dam Clamp style 8A
76D-10	Dental Dam Clamp style 10
76D-11	Dental Dam Clamp style 11
76D-14	Dental Dam Clamp style 14
76D-18	Dental Dam Clamp style 18
76D-24	Dental Dam Clamp style 24
76D-25	Dental Dam Clamp style 25
76D-27N	Dental Dam Clamp style 27N
76D-56	Dental Dam Clamp style 56
76D-14A	Dental Dam Clamp style 14A

FACT

Miltex rubber dam clamps are stainless steel and fully autoclavable.

ASPIRATING SYRINGES

Miltex® offers a wide variety of aspirating syringes so that you can use what you are comfortable with.

REF	Description
76-70	Aspirating Syringe, C-W Type
76-80	Aspirating Syringe Type "A"
76-105	Articulating Barrel Syringe 1.8cc
77-70	Petite Aspirating Syringe, C-W Type



76-70



76-80



76-105



77-70

Petite Syringe Features & Benefits

- **Reduced thumb ring handle diameter** to eliminate the excess gap, allowing just enough room for comfort and ease.
- **New oval shaped ring handle** that fits naturally to the shape of your thumb.
- **Rounded edges** on ring handle to create a smooth and soft feel.
- **Slightly flared base** on ring handle to ease pressure while dispensing.
- **Shortened harpoon rod** to reduce strain during aspiration.
- **Wide wings** allow for a better grip with greater control.



FACT

Our Articulating Barrel Syringe, when used with our 30° hub, is great for intraligamentary injections. (REF #76-56)



76-90

76-100

SELF-ASPIRATING SYRINGES

Self-Aspirating Syringes feature a blunt harpoon rod which allows the syringe to aspirate by means of counter pressure.

REF	Description
76-90	Lightweight Self-Aspirating Syringe, 1.8 cc
76-100	Self-Aspirating Syringe, 1.8 cc

N-TRALIG®

The Miltex N-Tralig® syringe is one of the only stainless steel syringes on the market that delivers precisely 0.2cc of anesthetic per ratchet. The positive ratchet action helps protect against the breakage of anesthesia cartridges. The N-Tralig® syringe also features a removable hub which allows the use of the 30° adapter hub to help with the most difficult to reach injections. The syringes come with a one solid barrel and one window barrel, for personal preference.

REF	Description
76-55	N-Tralig Intraligamentary Syringe
76-56	30 degree adapter for N-Tralig
PN2	Cartridge barrel solid wall for N-Tralig
PN3	Cartridge barrel shielded windows for N-Tralig
PN4	Barrel cap for N-Tralig



76-56

PN4



PN2



PN3



76-55

GRIPRITE SYRINGES

FEATURES

- Silicone covered handles and wings
- 3 color options
- Available in standard and petite styles

BENEFITS

- Comfortable grip on syringe
- Ability to color code by procedure
- Petite style's shortened harpoon rod facilitates aspiration for smaller hands

REF	Description
76-30	Syringe – Aspirating CW , Blue Silicone Grips
76-32	Syringe – Aspirating CW , Red Silicone Grips
76-33	Syringe – Aspirating CW , Purple Silicone Grips
76-40	Syringe – Petite Aspirating CW , Blue Silicone Grips
76-42	Syringe – Petite Aspirating CW , Red Silicone Grips
76-43	Syringe – Petite Aspirating CW , Purple Silicone Grips

FACT:

Most Miltex Syringe hubs are permanently affixed to the syringe. The hubs do not need to be removed for sterilization and this prevents the hubs from being misplaced.



76-30



76-40



76-32



76-42



76-33



76-43

GENERAL DENTISTRY SYRINGES

The water syringe has chromium-plated brass point.
The stainless float assures quick filling.

REF	Description
013-29001	Syringe, Water
013-29030	Syringe, Chip Blower
013-29060	Syringe, Hot Air
013-97200	Syringe, Presto Point Only
013-97210	Syringe, Chip Blower Syringe Point Only
017-97204	Red Rubber Bulb 211A no Valve



TUNGSTEN CARBIDE BURS

The Miltex® carbide burs are designed to provide maximum strength and reduce the risk of breakage.

Round

Code	Description
FG	Friction Grip (10/pk)
RA	Right Angle Latch (10/pk)
HP	Hand Piece (5/pk)
FG-SU	Friction Grip Surgical (10/pk)
FG-S	Friction Grip Short Shank (10/pk)

	1/4	1/2	1	2	3	4	5	6	7	8	10
FG	DFG1/4	DFG1/2	DFG1	DFG2	DFG3	DFG4	DFG5	DFG6	DFG7	DFG8	–
RA	–	DRA1/2	DRA1	DRA2	DRA3	DRA4	DRA5	DRA6	DRA7	DRA8	–
HP	DHP1/4	DHP1/2	DHP1	DHP2	DHP3	DHP4	DHP5	DHP6	DHP7	DHP8	DHP10
FG-SU	–	DFG1/2SU	–	DFG2SU	–	DFG4SU	–	DFG6SU	–	DFG8SU	–
FG-S	–	–	–	DFG2S	–	DFG4S	–	–	–	–	–

Crosscut Fissure Taper

	699	700	701	702	703	699L	700L	701L
FG	DFG699	DFG700	DFG701	DFG702	DFG703	DFG699L	DFG700L	DFG701L
RA	DRA699	DRA700	DRA701	DRA702	DRA703	–	–	–
HP	DHP699	DHP700	DHP701	DHP702	DHP703	–	–	–
FG-SU	–	DFG700SU	DFG701SU	DFG702SU	DFG703SU	–	–	–
FG-S	–	DFG700S	–	–	–	–	–	–

Crosscut Fissure Straight

	556	557	558	559	560	557L	558L
FG	DFG556	DFG557	DFG558	DFG559	DFG560	DFG557L	DFG558L
RA	DRA556	DRA557	DRA558	DRA559	–	–	–
HP	DHP556	DHP557	DHP558	DHP559	DHP560	–	–
FG-SU	–	DFG557SU	DFG558SU	DFG559SU	–	–	–
FG-S	–	DFG557S	–	–	–	–	–

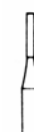
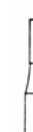
Crosscut Fissure Straight - Round Head

				
		1557	1558	1559
FG	DFG1557	DFG1558	DFG1559	
HP	DHP1557	DHP1558	-	
FG-SU	-	DFG1558SU	-	

Pear

					
		329	330	331	332
FG	DFG329	DFG330	DFG331	DFG332	
FG-S	DFG330S	-	-	-	

Fissure Straight

								
		56	57	58	59	60	57L	58L
FG	DFG56	DFG57	DFG58	DFG59	DFG60	DFG57L	DFG58L	
FG-SU	-	DFG57SU	DFG58SU	-	-	-	-	
FG-S	DFG56S	DFG57S	-	-	-	-	-	

Amalgam Preparation

		
		245
FG	DFG245	

Wheel

		
		14
FG	DFG14	

End Cutting

			
		957	958
FG	DFG957	DFG958	

Taper Dome

			
		1170	1171
FG	DFG1170	DFG1171	

Plain Fissure Straight - Round Head

					
		1156	1157	1158	1159
FG	DFG1156	DFG1157	DFG1158	DFG1159	

Plain Fissure Taper

								
		169	170	171	172	169L	170L	171L
FG	DFG169	DFG170	DFG171	DFG172	DFG169L	DFG170L	DFG171L	

Inverted Cone

								
	33 1/2	34	35	36	37	38	39	
FG	DFG331/2	DFG34	DFG35	DFG36	DFG37	DFG38	DFG39	
RA	DRA331/2	DRA34	DRA35	DRA36	DRA37	DRA38	DRA39	
HP	DHP331/2	DHP34	DHP35	DHP36	DHP37	DHP38	DHP39	
FG-S	DFG355	-	-	-	-	-	-	

Tungsten Carbide Burs (100/per pack)



REF	REF	REF
DFG1/4-CL	DFG35-CL	DFG556S-CL
DFG1/2-CL	DFG56-CL	DFG557-CL
DFG2-CL	DFG57-CL	DFG557S-CL
DFG4-CL	DFG245-CL	DFG558-CL
DFG6-CL	DFG330-CL	DFG700-CL
DFG8-CL	DFG330S-CL	DFG701-CL
DFG331/2-CL	DFG331-CL	DFG1157-CL
DFG34-CL	DFG556-CL	DFG1557-CL
		DFG1558-CL

STEEL SURGICAL BURS

- Stainless steel
- Right Angle (RA) also known as Latch Type Only
- 28 mm bur
- 6/pk

				
REF	017-33700	017-33701	017-33702	017-33703
US No.	2	4	6	8
ISO No.	010	014	018	023

FACT

Miltex burs are brazed lower in the neck of the instruments to strengthen the burs and reduce breakage. (excludes steel surgical burs)

TRIMMING & FINISHING BURS

Trimming and Finishing burs are designed for the shaping and finishing of all dental materials. They provide a smoother aesthetic looking surface. Trimming and Finishing burs are sold only in five packs.

Fine Crosscut Pear Shape



1931

FG DFG1931

Fine Crosscut Straight Dome



1958

FG DFG1958

T&F Round



7006

FG DFG7006

T&F



7606

FG DFG7606

T&F Cone



7204

7205

FG DFG7204 DFG7205

T&F Flame



7104

7106

7108

FG DFG7104 DFG7106 DFG7108

T&F Egg



7404

7406

7408

FG DFG7404 DFG7406 DFG7408

T&F Taper & Finishing



7702

7713

FG DFG7702 DFG7713

T&F Bullet



7801

7802

FG DFG7801 DFG7802

T&F Needle



7901

7902

7903

FG DFG7901 DFG7902 DFG7903

T&F Perfect Trimming



7610

7611

7612

7613

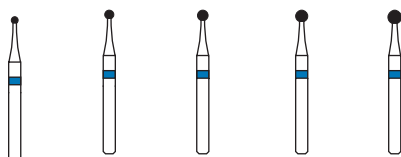
FG DFG7610 DFG7611 DFG7612 DFG7613

DIAMONDS

The Miltex® diamond burs are produced by using a coating technique, which assures approximately 85% of the working surface is coated with a uniform diamond grit. The extremely strong stainless steel shaft resists bending and breakage.

Code	Grit	Marking
EF	Extra Fine	Gold band or gold-plated shaft
F	Fine	Red band
M	Medium	Blue band
C	Coarse	Green band

Round



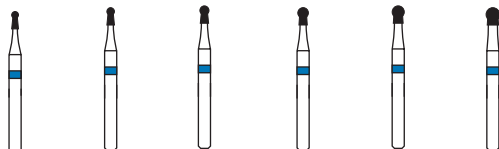
Shape	801	801	801	801	801
Diameter (1/10 mm)	9	10	14	16	18
M	801/009	801/010	801/014	801/016	801/018
C	-	-	801G014	-	-

Knife Edge



Shape	825
Diameter (1/10 mm)	42
M	825/042

Round Extended



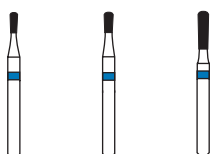
Shape	802	802	802	802	802	802
Diameter (1/10 mm)	9	10	12	14	16	18
M	802/009	802/010	802/012	802/014	802/016	802/018
C	-	-	-	802G014	-	-

End Cutting



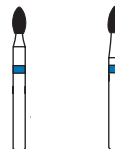
Shape	839
Diameter (1/10 mm)	10
M	839/010

Pear



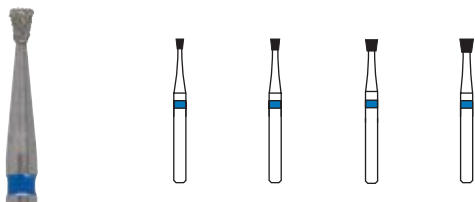
Shape	808	808	808
Diameter (1/10 mm)	10	12	14
M	808/010	808/012	808/014

Pear



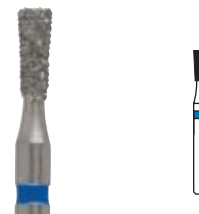
Shape	831	832
Diameter (1/10 mm)	18	18
M	831/018	832/018

Inverted Cone



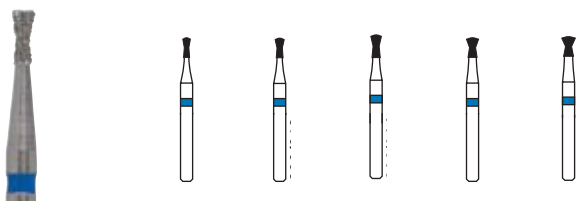
Shape	805	805	805	805
Diameter (1/10 mm)	10	12	16	18
M	805/010	805/012	805/016	805/018
C	-	805G015	-	805G018

Long Inverted Cone



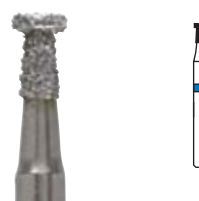
Shape	807
Diameter (1/10 mm)	16
M	807/016
C	807G016

Inverted Cone with Collar



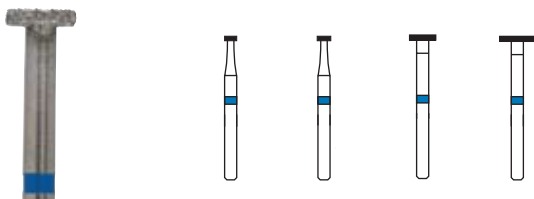
Shape	806	806	806	806	806
Diameter (1/10 mm)	10	12	14	16	18
M	806/010	806/012	806/014	806/016	806/018
C	806G012	-	806G016	-	-

Wheel with Collar



Shape	819
Diameter (1/10 mm)	14
M	819/018

Wheel



Shape	818	818	818	818
Diameter (1/10 mm)	14	18	35	47
M	818/014	818/018	818/035	818/047

Wheel Rounded



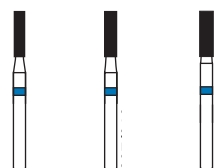
Shape	909
Diameter (1/10 mm)	35
M	909/035
C	909G035

Flat End Cylinder



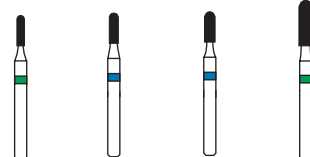
Shape	835	835	835	835	835	836	836
Diameter (1/10 mm)	8	9	10	12	14	12	14
M	835/008	835/009	835/010	835/012	835/014	836/012	836/014
C	-	-	-	835G012	835G014	-	-

Long Flat End Cylinder



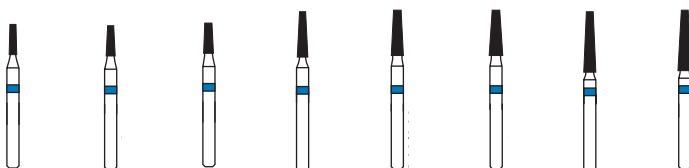
Shape	837	837	837
Diameter (1/10 mm)	14	16	18
M	837/014	837/016	837/018
C	-	-	837G018

Long Flat End Cylinder



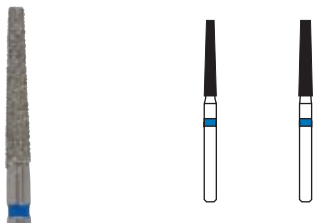
Shape	838	838	838	838
Diameter (1/10 mm)	10	12	14	16
M	838/010	838/012	838/014	838/016
C	-	-	838G014	-

Flat End Taper



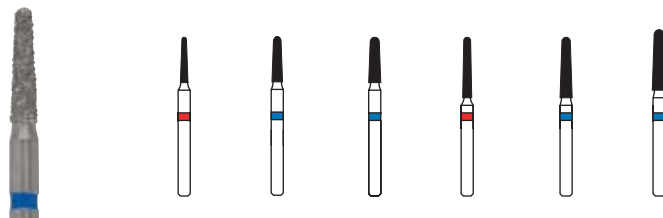
Shape	845	845	845	846	846	846	847	847
Diameter (1/10 mm)	10	12	14	14	16	18	16	18
M	845/010	845/012	845/014	846/014	846/016	846/018	847/016	847/018
C	-	-	-	-	846G016	-	-	847G018

Long Flat End Taper



Shape	848	848
Diameter (1/10 mm)	16	18
M	848/016	848/018
C	-	848G018

Round End Taper



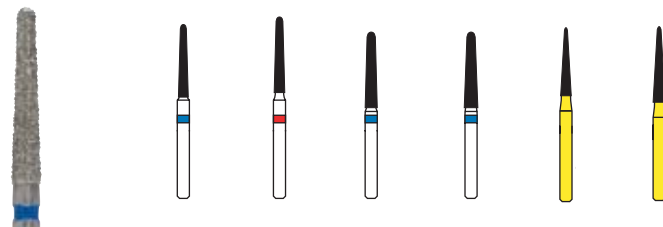
Shape	849	849	849	850	850	850
Diameter (1/10 mm)	10	14	16	12	16	18
F	849/010	-	-	850/012	-	-
M	-	849/014	849/016	-	850/016	850/018
C	-	-	849G016	-	-	850G018

Safe End Taper



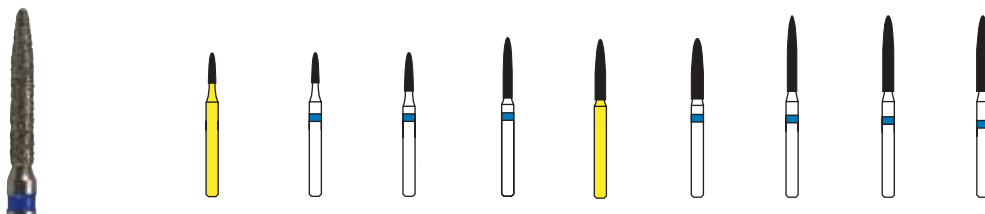
Shape	851
Diameter (1/10 mm)	15
M	851/015

Christmas Tree



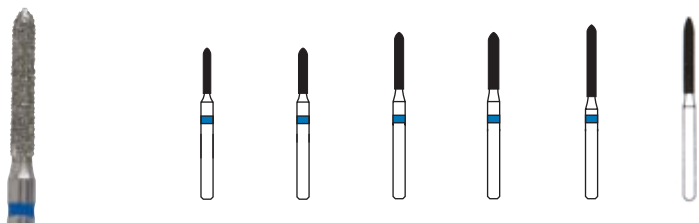
Shape	852	852	852	852	853	853
Diameter (1/10 mm)	11	14	16	18	14	16
EF					853/014	853/016
F	852/014					
M	852/011		852/016	852/018		
C	852G018					

Flame



Shape	860	860	861	862	862	862	863	863	863
Diameter (1/10 mm)	9	10	12	12	14	16	12	16	18
EF	860/009			862/014					
M		860/010	861/012	862/012		862/016	863/012	863/016	863/018
C									863G018

Taper Round End

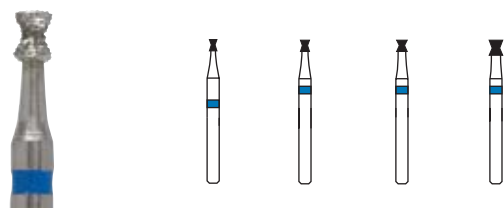


Shape	867	867	868	868	869	869
Diameter (1/10 mm)	10	12	12	14	12	14
M	867/010	867/012	868/012	868/014	869/012	869/014
C	-	-	-	868G014	869G014	

FACT

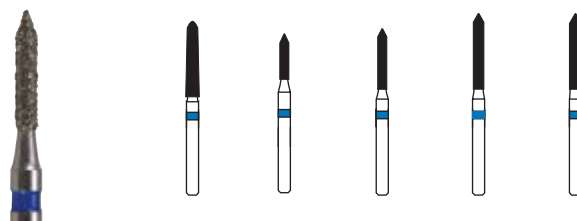
The Miltex Diamonds follow the standard ISO sizes and shapes.

Amalgam Remover



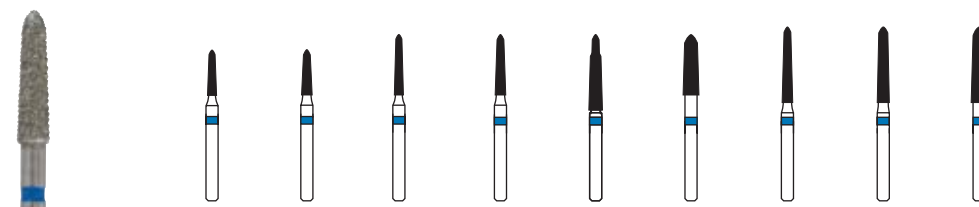
Shape	870	870	870	870
Diameter (1/10 mm)	10	12	14	18
M	870/010	870/012	870/014	870/018

Beveled Cylinder



Shape	879	884	885	886	887
Diameter (1/10 mm)	18	12	12	14	16
M	879/018	884/012	885/012	886/014	887/016

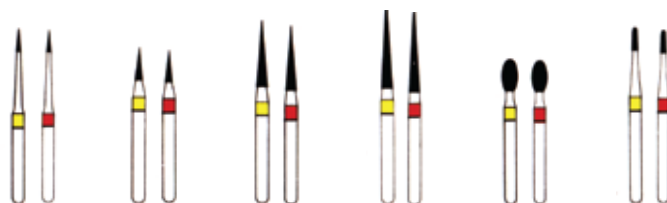
Diamonds (KIT-CG)



REF	GC61	GC62	GC81	GC82	GC83	GC84	GC101	GC102	GC104
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PT-Diamonds (KIT-PT-DIA)

Kit contains 1 each of 6 fine and extra fine PT Diamonds in a bur block.



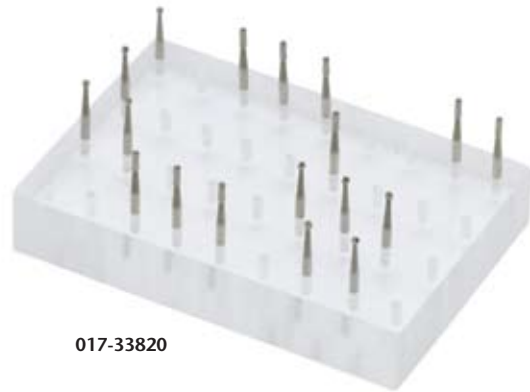
EF	699.514.008	159.514.010	165.514.014	166.514.014	277.514.023	195.514.009
F	699.504.008	159.504.010	165.504.014	166.504.014	277.504.023	195.504.009

BUR BLOCKS

REF	Description
013-33810	Magnetic Bur Holder
017-33820	Plastic Bur Block, Friction Grip, no cover, small
017-33825	Plastic Bur Block, Right Angle, no cover, large
017-33830	Plastic Bur Block, Friction Grip with case
017-33835	Plastic Bur Block, Right Angle with case
017-33855	Bur Block with Lid, Friction Grip/Contra Angle, 15 hole
017-33860	Bur Block with Lid, Friction Grip/Contra Angle, 30 hole
017-33865	Bur Block with Lid, Friction Grip, 15 hole
017-33870	Bur Block with Lid, Friction Grip, 30 hole
75-48	Magnetic Bur Block - White without imprint



013-33810



017-33820



017-33855



75-48

MARK VII APEX LOCATOR

The Mark VII Apex Locator provides precision measurement of the canal length under all conditions including dry, wet and bleeding. Precisely measuring the distance from the tip of the endodontic file to the foramen. The Mark VII allows dental professionals to know the depth of the canal by showing when they are 2.0 mm, 1.5 mm, 1.0 mm, 0.5 mm, 0.25 mm away from the apex.

The Mark VII Apex Locator is easy to use and designed to be placed near the oral cavity, in the operator's field of vision. The apex locator is often clipped to the patient's napkin to ensure that the unit does not accidentally fall. The Mark VII does not require calibration between measuring multiple canals, thereby immediately enabling accurate measurement of another canal.

REF	Description
017-23180	Mark VII Apex Locator
017-23187	Mark VII Lip Hook



THE LIBERATOR® ENDODONTIC FILES

Liberator® rotary nickel-titanium endodontic files are the result of years of research and development as well as feedback from leading clinicians in the field of endodontics. The files incorporate a unique straight blade design and manufacturing process that eliminates the traditional helical flutes found on virtually all rotary endodontic files. The result is that Liberator files will not self-thread into a canal. Self-threading is a major contributor to file separation.

Liberator® files provide a level of safety, control and effectiveness that is unprecedented in rotary nickel-titanium files. U.S. Pat. No. 7,311,522

Apical Shaping Files

.02 Taper - 6 files per package

Tip	21mm	25mm
15	012-28001	012-28015
20	012-28002	012-28016
25	012-28003	012-28017
30	012-28004	012-28018
35	012-28005	012-28019
40	012-28006	012-28020
15-40	012-28007	012-28021
45	012-28008	012-28022
50	012-28009	012-28023
55	012-28010	012-28024
60	012-28011	012-28025
70	012-28012	012-28026
80	012-28013	012-28027
45-80	012-28014	012-28028

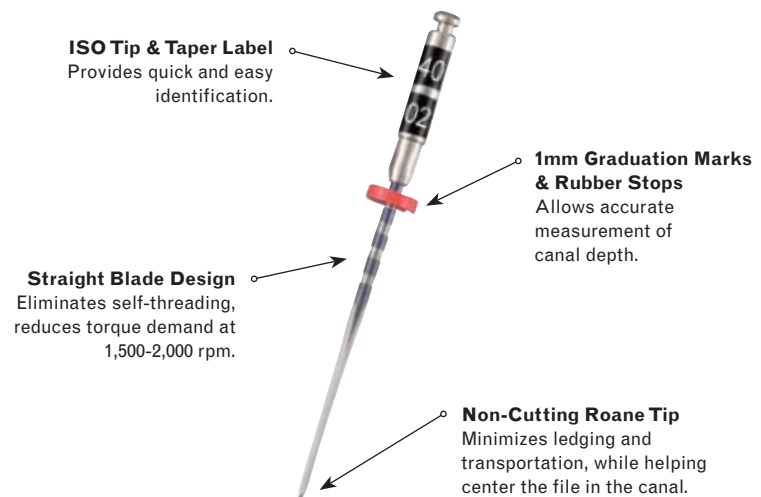
.04 Taper - 6 files per package

Tip	21mm	25mm
15	012-28101	012-28112
20	012-28102	012-28113
25	012-28103	012-28114
30	012-28104	012-28115
35	012-28105	012-28116
40	012-28106	012-28117
15-40	012-28107	012-28118
45	012-28108	012-28119
50	012-28109	N/A
60	012-28110	N/A
70	012-28111	N/A

.06 Taper - 6 files per package

Tip	21mm	25mm
15	012-28201	012-28212
20	012-28202	012-28213
25	012-28203	012-28214
30	012-28204	012-28215
35	012-28205	012-28216
40	012-28206	012-28217
15-40	012-28207	012-28218
45	012-28208	012-28219
50	012-28209	N/A
60	012-28210	N/A
70	012-28211	N/A
70	012-28111	N/A

THE FIRST ROTARY FILE THAT WILL NOT SELF-THREAD



GATES GLIDDEN DRILLS

The Gates Glidden drills are designed with a flame-shaped, boring head on a slender shaft. They reduce the curvature in the orifice of the canal, which allows for greater access to the canal for cleaning and obturation. They are sold 6 per pack.

No.	Tip	Taper	Length
012-28401	118 (RGG #1)	.08	13mm
012-28402	94 (RGG #2)	.08	16mm
012-28403	70 (RGG #3)	.08	19mm
012-28405	70-118	.08	Assorted

6 per package



Gates Glidden & Mini-Entrée Gates Glidden Drills

No.	RA - 32mm Item No.	RA - 28mm Item No.
1	017-19300	017-19400
2	017-19301	017-19401
3	017-19302	017-19402
4	017-19303	017-19403
5	017-19304	017-19404
6	017-19305	017-19405
Assorted	017-19306	017-19406

6 per package



The Peeso Reamers are designed with long, sharp flutes which provide rapid widening of the coronal area. They are used to reduce the curvature of the canal and for post preparation. They are sold 6 per pack.

Peeso Reamers (RA) - 6 per package

No.	RA - 32mm Item No.
1	017-19350
2	017-19351
3	017-19352
4	017-19353
5	017-19354
6	017-19355
Assorted	017-19356



ENDO-GRIPPER™ - SLOW SPEED HANDPIECE FOR FINGER INSTRUMENTS

This unique handpiece was designed to provide dentists with the "best of both worlds" by combining a high-tech device with the traditional finger instrumentation and procedures.

- Implement a 45 degree turn technique in a quick, efficient manner.
- Reduces fatigue by cutting procedure times.
- Easy to operate - indexable, and push-button loading

017-36352: "E" for E-type low-speed (Universal/European)



THE TARDIE™ - SLOW SPEED AND HIGH TORQUE HANDPIECE FOR ROTARY INSTRUMENTS

The Tardie slow speed handpiece system was developed for endodontic procedures where slow and controlled speed (150 to 350 RPM) with high torque is mandatory.

Faster procedures to Reduce Fatigue

Greater Control with a 64:1 Gear Reduction

REF	Description
017-36400	20,000 RPM Airmotor (only)
017-36401	Reduction Adapter 64:1 (only)
017-36402	Latch Head (only)
017-36403	Tardie Complete System (Airmotor, adapter and angle)
017-36404	Tardie Adapter and Angle (see picture)
017-36406	Ball Bearing Latch Head



THE SPRINT TCM - TORQUE CONTROLLED ELECTRIC ENDODONTIC MOTOR

- Keyboard-Panel with digital readout
- 2-Selectable Torque Modes - One mode for allowable torque, and the other for when the unit reverses directions
- Selectable Torque levels from 2 to 50 gm/cm to prevent file separation.
- 3 settings: 1:1 8:1 and 10:1
- Speed range of 75 to 800rpm
- The preset torque control automatically reverses before too much torque is reached
- Autoclavable Micro Hand Held Motor

Sets

REF	Description
017-36295	Sprint TCM and Tardie 10
017-36296	Sprint TCM and Tardie EI 8:1 HP

Components

REF	Description
017-36300	Sprint TCM
017-36307	Tardie™ 10:1 Reduction HP
017-36308	Tardie Elite 8:1 Reduction HP



UNION BROACH FLEX-R® FILES - FLEXIBLE ROANE TIP STAINLESS STEEL FILE

Flex-R® Files are our most popular Union Broach® endodontic hand file. They are designed with a non-cutting “Roane” tip, which was designed by Dr. James Roane. Made from high quality stainless steel, the Flex-R® file ensures the most comprehensive cleaning and shaping of the root canal.

FEATURES

Made from the purest stainless steel available
Non-cutting Roane tip
Handles are ISO colored coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS

Helps ensure strength and quality of product
Reduces chance of file ledging or transportation from occurring
Allows for easy identification of file
Meets the needs of dental professionals

Stainless Steel (.02 taper) - 6 per pack

Standardized Instrument Size	21mm	21 mm w/Stops	25mm	25mm w/Stops	31mm	31mm w/Stops
8	012-14002	012-S4002	012-14061	012-S4061	012-14181	-
10	012-14003	012-S4003	012-14062	012-S4062	012-14182	-
15	012-14004	012-S4004	012-14063	012-S4063	012-14183	-
20	012-14005	012-S4005	012-14064	012-S4064	012-14184	-
25	012-14006	012-S4006	012-14065	012-S4065	012-14185	-
30	012-14007	012-S4007	012-14066	012-S4066	012-14186	-
35	012-14008	012-S4008	012-14067	012-S4067	012-14187	-
40	012-14009	012-S4009	012-14068	012-S4068	012-14188	-
45	012-14011	-	012-14070	-	012-14190	-
50	012-14012	012-S14012	012-14071	-	012-14191	-
55	012-14013	012-S14013	012-14072	-	012-14192	-
60	012-14014	-	012-14073	-	012-14193	-
70	012-14015	-	012-14074	-	012-14194	-
80	012-14016	-	012-14075	-	012-14195	-
90	-	-	012-14077	-	012-14197	-
100	-	-	012-14078	-	012-14198	-
110	-	-	012-14079	-	012-14199	-
120	-	-	012-14081	-	012-14201	-
130	-	-	012-14082	-	012-14202	-
140	-	-	012-14083	-	012-14203	-
15-40*	012-14010	012-S4010	012-14069	012-S4069	012-14189	012-S4189
45-80*	012-14017	012-S4070	012-14076	012-S4076	012-14196	012-S4196
90-110*	-	-	012-14080	-	012-14200	-
120-140*	-	-	-	-	012-14204	-
90-140*	-	-	-	-	012-14205	-

* Assorted



UNION BROACH MOR-FLEX®

Mor-Flex® files are “K” type files with a cutting tip design. The files allow for comprehensive cleaning and shaping of the canal. The flat end of the handle may be accurately used as radiographic landmark on X-rays. The files are made from the purest stainless steel which helps ensure material strength of the file.

FEATURES

Made from the purest stainless steel available

Cutting tip

Handles are ISO colored coded and printed with the ISO file tip size

Available in a variety of sizes, and lengths

BENEFITS

Helps ensure strength and quality of product

Allows the file to be more aggressive at removing material from the canal

Allows for easy identification of file

Meets the needs of dental professionals

K-Type Files (.02 taper) - 6 per pack

Standardized Instrument Size	21mm No.	21mm w/Stops No.	25mm No.	25mm w/ Stops No.	31mm No.	31mm w/Stops No.
6	012-10001	012-S0001	012-10060	012-S0060	012-10180	012-S0180
8	012-10002	012-S0002	012-10061	012-S0061	012-10181	012-S0181
10	012-10003	012-S0003	012-10062	012-S0062	012-10182	012-S0182
15	012-10004	012-S0004	012-10063	012-S0063	012-10183	012-S0183
20	012-10005	012-S0005	012-10064	012-S0064	012-10184	012-S0184
25	012-10006	012-S0006	012-10065	012-S0065	012-10185	012-S0185
30	012-10007	012-S0007	012-10066	012-S0066	012-10186	012-S0186
35	012-10008	012-S0008	012-10067	012-S0067	012-10187	-
40	012-10009	012-S0009	012-10068	012-S0068	012-10188	-
45	012-10011	012-S0011	012-10070	012S0070	012-10190	-
50	012-10012	012-S0012	012-10071	012S0071	012-10191	-
55	012-10013	012-S0013	012-10072	012S0072	012-10192	-
60	012-10014	012-S0014	012-10073	012S0073	012-10193	-
70	012-10015	012-S0015	012-10074	012S0074	012-10194	-
80	012-10016	012-S0016	012-10075	012S0075	012-10195	-
90	-	-	012-10076	-	012-10197	-
100	-	-	012-10077	-	012-10198	-
110	-	-	012-10078	-	012-10199	-
120	-	-	012-10079	-	012-10201	-
130	-	-	-	-	012-10202	-
140	-	-	-	-	012-10203	-
15-40*	012-10010	012-S0010	012-10069	012-S0069	012-10189	012-S0189
45-80*	012-10017	012-S0011	012-10076	012-S0076	012-10196	012-S0196
90-110*	-	-	-	012-S0080	-	-
90-140*	-	-	-	-	012-10205	-
120-140*	-	-	-	-	012-10204	-

* Assorted



MILTEX® K FILES

The Miltex® K-files have a large helix angle which increases the cutting efficiency in the linear filing action as opposed to a reaming action.

FEATURES

Handles are ISO color coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS

Allows for easy identification of file
Meets the needs of dental professionals

Stainless Steel (.02 taper) - 6 per pack

Standardized Instrument Size	21mm	25mm	31mm
6	DKF21/06	DKF25/06	DKF31/06
8	DKF21/08	DKF25/08	DKF31/08
10	DKF21/10	DKF25/10	DKF31/10
15	DKF21/15	DKF25/15	DKF31/15
20	DKF21/20	DKF25/20	DKF31/20
25	DKF21/25	DKF25/25	DKF31/25
30	DKF21/30	DKF25/30	DKF31/30
35	DKF21/35	DKF25/35	DKF31/35
40	DKF21/40	DKF25/40	DKF31/40
45	DKF21/45	DKF25/45	DKF31/45
50	DKF21/50	DKF25/50	DKF31/50
55	DKF21/55	DKF25/55	DKF31/55
60	DKF21/60	DKF25/60	DKF31/60
70	DKF21/70	DKF25/70	DKF31/70
80	DKF21/80	DKF25/80	DKF31/80
15-40*	DKF21/15-40	DKF25/15-40	DKF31/15-40
45-80*	DKF21/45-80	DKF25/45-80	DKF31/45-80

* Assorted



MILTEX® HEDSTROM FILES

The Miltex® H-files have excellent cutting efficiency in a push and pull stroke.

FEATURES

Handles are ISO colored coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS

Allows for easy identification of file
Meets the needs of dental professionals

Stainless Steel (.02 taper) - 6 per pack

Standardized Instrument Size	21mm	25mm
10	DHF21/10	DHF25/10
15	DHF21/15	DHF25/15
20	DHF21/20	DHF25/20
25	DHF21/25	DHF25/25
30	DHF21/30	DHF25/30
35	DHF21/35	DHF25/35
40	DHF21/40	DHF25/40
45	-	DHF25/45
50	-	DHF25/50
55	-	DHF25/55
60	-	DHF25/60
70	-	DHF25/70
80	-	DHF25/80
15-40*	DHF21/15-40	DHF25/15-40
45-80	-	DHF25/45-80

* Assorted



UNION BROACH® SHARPIE® HEDSTROM FILES

The Sharpie® Hedstrom files are good to use on teeth with irregular walls or for removing instruments. (i.e. separated files) They tend to cut more aggressively than reamers or “K” type files.

FEATURES

Made from the purest stainless steel available

Handles are ISO colored coded and printed with the ISO file tip size

Available in a variety of sizes, and lengths

BENEFITS

Helps ensure strength and quality of product

Allows for easy identification of file

Meets the needs of dental professionals

Stainless Steel - 6 per pack (.02 taper)

Standardized

Instrument Size	21mm	21mm w/Stops	25mm	25mm w/Stops	31mm	31mm w/Stops
10	012-11000	012-S1000	012-11059	012-S1059	012-11179	-
15	012-11001	012-S1001	012-11060	012-S1060	012-11180	-
20	012-11002	012-S1002	012-11061	012-S1061	012-11181	-
25	012-11003	012-S1003	012-11062	012-S1062	012-11182	-
30	012-11004	012-S1004	012-11063	012-S1063	012-11183	-
35	012-11005	012-S1005	012-11064	012-S1064	012-11184	-
40	012-11006	012-S1006	012-11065	012-S1065	012-11185	-
45	012-11008	-	012-11067	-	012-11187	-
50	012-11009	-	012-11068	-	012-11188	-
55	012-11010	-	012-11069	-	012-11189	-
60	012-11011	-	012-11070	-	012-11190	-
70	012-11012	-	012-11071	-	012-11191	-
80	012-11013	-	012-11072	-	012-11192	-
90	012-11015	-	012-11074	-	012-11194	-
100	012-11016	-	012-11075	-	012-11195	-
110	-	-	012-11076	-	012-11196	-
120	-	-	-	-	012-11198	-
130	-	-	-	-	012-11199	-
140	-	-	-	-	012-11200	-
15-40*	012-11007	012-S1007	012-11066	012S1066	012-11186	012-S1186
45-80*	012-11014	012-S1014	012-11073	012-S1073	012-11193	012-S1193
90-110*	-	-	012-11077	-	012-11197	-
120-140*	-	-	-	-	012-11201	-
90-140*	-	-	-	-	012-11202	-

* Assorted



UNION BROACH ONYX-R FILES

(NICKEL TITANIUM FLEX-R® FILE)

The Onyx-R® files are made from nickel titanium which allows the files to be more flexible in tight curvature canals. They are designed with a non-cutting “Roane” tip, which was designed by Dr. James Roane. With the combination of these two features, The Onyx-R files help reduce the risk of ledging and transportation.

FEATURES

Nickel Titanium is more flexible
None cutting Roane tip
Handles are ISO colored coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS

Pre-bending files is not necessary and follow the existing canal path
Reduces chance of file ledging or transportation from occurring
Allows for easy identification of file
Meets the needs of dental professionals

Nickel Titanium - 6 per pack (.02 taper)

Standard Instrument Size	21mm No.	21mm w/Stops	25mm No.	25mm w/Stops
15	012-15001	012-S5001	012-15061	012-S5061
20	012-15002	012-S5002	012-15062	012-S5062
25	012-15003	012-S5003	012-15063	012-S5063
30	012-15004	012-S5004	012-15064	012-S5064
35	012-15005	012-S5005	012-15065	012-S5065
40	012-15006	012-S5006	012-15066	012-S5066
45	012-15008	-	012-15068	012-S5068
50	012-15009	-	012-15069	-
55	012-15010	-	012-15070	-
60	012-15011	-	012-15071	-
70	012-15012	-	012-15072	-
80	012-15013	-	012-15073	-
15-40*	012-15007	012-S5007	012-15067	012-S5067
45-80*	012-15014	012-S5014	012-15074	012-S5074

* Assorted



UNION BROACH® ONYX-H™ FILES

(NICKEL TITANIUM HEDSTROM FILES)

The Onyx-H files are made from nickel titanium which allows the files to be more flexible in tightly curved canals

FEATURES

Handles are ISO colored coded and printed with the ISO file tip size
Available in a variety of sizes, lengths and rubber stop configurations

BENEFITS

Allows for easy identification of file
Meets the needs of dental professionals

Nickel Titanium - 6 per pack (.02 taper)

Standard Instrument Size	21mm No.	25mm No.
15	012-15080	012-15100
20	012-15081	012-15101
25	012-15082	012-15102
30	012-15083	012-15103
35	012-15084	012-15104
40	012-15085	012-15105
45	012-15087	012-15107
50	012-15088	012-15108
55	012-15089	012-15109
60	012-15090	012-15110
70	012-15091	012-15111
80	012-15092	012-15112
15-40*	012-15086	012-15106
45-80*	012-15093	012-15113

* Assorted



MILTEX® HI-5® FILE

The Miltex® Hi-5® files are designed with helical ground flutes. They have a strong and stiff Pentagonal cross section which is good for penetration in small or calcified canals. Made from high quality stainless steel, the Hi-Five Files provide strength and ensure that proper cleaning and shaping can be completed.

FEATURES

Made from the purest stainless steel available
Stiff Pentagon cross section
Handles are ISO colored coded and printed with the ISO file tip size
Available in a variety of sizes, and lengths

BENEFITS

Helps ensure strength and quality of product
Resilient and effective cutting instruments
Allows for easy identification of file
Meets the needs of dental professionals



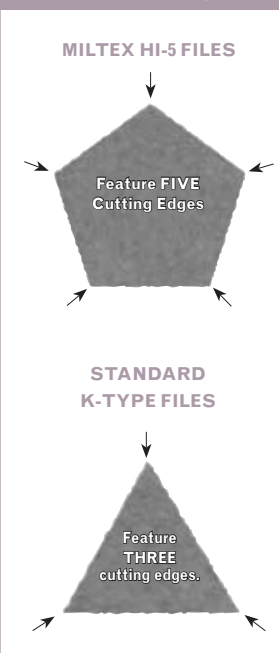
Stainless Steel - 6 per pack

Standardized

Instrument Size	21mm No.	25mm No.
6	012-26001	012-26005
8	012-26002	012-26006
10	012-26003	012-26007
15	012-26004	012-26008
06-15*	012-26009	012-26010

* Assorted

Cross Section Comparison



FACT

The same diameter but more material means that Miltex Hi-5 Files are 83% stronger than K-Type Files

UNION BROACH BARBED BROACHES

- Manufactured from stainless steel—12 Per Box.
- Used to remove soft tissue in the canal.
- May also be used to remove intra-canal dressings.

REF	Description
012-13001	Coarse
012-13002	Medium
012-13003	Fine
012-13004	X-Fine
012-13005	XX-Fine
012-13006	XXX-Fine
012-13007	XXXX-Fine
012-13008	Asst.



UNION BROACH® REAMERS

The Union Broach® Reamers are well suited for removing old gutta percha fillings and may be used as a paste filler to place cement near the apex. They are used in either a revolving or a filing action.

- Handles are ISO colored coded and printed with the ISO file tip size – Allows for easy identification of file
- Available in a variety of sizes, lengths and rubber stop configurations – Meets the needs of dental professionals

Stainless Steel - 6 per pack (.02 taper)

Standardized

Instrument Size	21mm No.	25mm No.	25mm W/Stops	31mm
8	012-12002	012-12061	-	012-12181
10	012-12003	012-12062	-	012-12182
15	012-12004	012-12063	-	012-12183
20	012-12005	012-12064	-	012-12184
25	012-12006	012-12065	-	012-12185
30	012-12007	012-12066	-	012-12186
35	012-12008	012-12067	-	012-12187
40	012-12009	012-12068	-	012-12188
45	012-12011	012-12070	-	012-12190
50	012-12012	012-12071	-	012-12191
55	012-12013	012-12072	-	012-12192
60	012-12014	012-12073	-	012-12193
70	012-12015	012-12074	-	012-12194
80	012-12016	012-12075	-	012-12195
90	-	-	-	012-12197
100	-	-	-	012-12198
110	-	-	-	012-12199
120	-	-	-	012-12201
130	-	-	-	012-12202
140	-	-	-	012-12203
15-40*	012-12010	012-12069	-	012-12189
45-80*	012-12017	012-12076	012-S2076	012-12196



MILTEX® REAMERS

The Miltex® Reamers are well suited for removing old gutta percha fillings and may be used as a paste filler to place cement near the apex. They are used in either a revolving or a filing action.

- Handles are ISO colored coded and printed with the ISO file tip size – Allows for easy identification of file
- Available in a variety of sizes, and lengths – Meets the needs of dental professionals

Stainless Steel - 6 per pack

Standardized

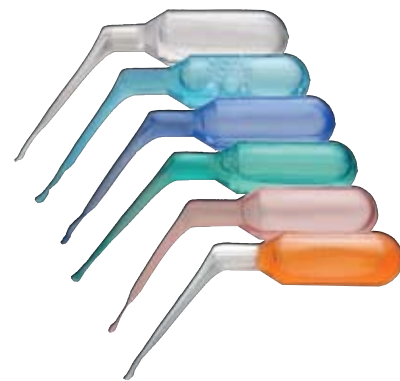
Instrument Size	21mm	25mm
8	DR21/08	DR25/08
10	DR21/10	DR25/10
15	DR21/15	DR25/15
20	DR21/20	DR25/20
25	DR21/25	DR25/25
30	DR21/30	DR25/30
35	DR21/35	DR25/35
40	DR21/40	DR25/40
45	DR21/45	DR25/45
50	DR21/50	DR25/50
55	DR21/55	DR25/55
60	DR21/60	DR25/60
70	DR21/70	DR25/70
80	DR21/80	DR25/80
15-40*	DR21/15-40	DR25/15-40
45-80*	DR24/45-80	DR25/45-80



JUNIORS

Juniors are disposable pipettes filled with different endodontic medicaments. They allow for precise dispensing every time. The squeezable bulb eliminates the need to transfer solutions from container to syringe.

REF	PRODUCT NAME	DESCRIPTION
033-39210P	Slide Juniors	File Lubricant w/10% urea peroxide
033-39211P	Slide SH Juniors	Slide w/3% Sodium Hypochlorite
017-39211P	Endodilator Juniors	15% EDTA
033-39212P	Chlorhexidine Juniors	2% Chlorhexidine
033-39214P	Endo-Klean Juniors	2.5% Sodium Hypochlorite
033-39215P	Lube Juniors	File Lubricant w/NaOH and EDTA



ENDODILATOR™

Irrigates and Softens Dentin. Chelates root canal walls. Contains 15% EDTA. Superficially dissolves root canal walls without harming vital tissue. Self-limiting and sterilizing. Active at neutral pH; Inactivated by oxygen or chlorine.

REF	Description
017-39211	60ml Bottle



ENDO-KLEAN™

Cleans, irrigates and finishes. Contains 2.5% Sodium Hypochlorite solution and is intended as an irrigant in the exploration and debridement of root canals. Leaves the canal dry and reduces the amount of paper points.

REF	Description
033-39214	60 ml Bottle



SLIDE™ - FILE LUBRICATION

Cleans and lubricates the canal, reducing the chance of ledging. Ideal for rotary instrumentation. Formulated by Dr. Joseph Dovgan. Contains 10% urea peroxide in a gel base. Specifically formulated to facilitate instrument movement and remove debris from the root canal. Also, enhances file efficiency, disinfects and decreases fibrous apical blockage.

REF	Description
033-39210	60 ml Bottle



MARKED GUTTA-PERCHA AND PAPER POINTS

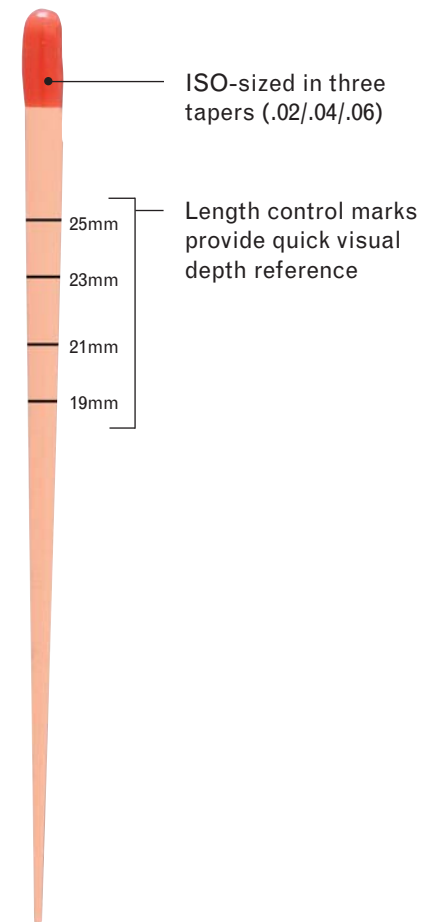
The Miltex® Marked Gutta Percha have millimeter markings on the cones that aid clinicians in identifying how deep in the canal the gutta percha is placed during the obturation procedure. Each radiopaque and cadmium-free gutta percha cone is marked at 19, 21, 23 and 25 millimeters from the tip. The gutta percha cones are hand-rolled with precision to ensure proper ISO specifications are met. They are available in .02, .04 and .06 tapers in tip sizes from 15 to 140. Accessory points are also available unmarked. All gutta percha is sold in easy-to-dispense plastic trays in counts from 60 to 120 and has a 4 year shelf life.

Miltex paper points are made from a super-absorbent material that maximizes canal cleaning while minimizing residual fibers in the canal that can cause root canal failure and patient sensitivity. The paper points are sold in easy-to-dispense plastic trays in counts from 180 to 200 and has a 3 year shelf life.

Marked Gutta Percha Points				Paper Points [^]	
	.02 Taper 120/Slide Box	.04 Taper 100/Slide Box	.06 Taper 60/Slide Box	200/Slide Box	180/Cell Box (5/Cell)
Size	REF	REF	REF	REF	REF
#15	017-51200	017-51220	017-51240	017-51100	017-51120
#20	017-51201	017-51221	017-51241	017-51101	017-51121
#25	017-51202	017-51222	017-51242	017-51102	017-51122
#30	017-51203	017-51223	017-51243	017-51103	017-51123
#35	017-51204	017-51224	017-51244	017-51104	017-51124
#40	017-51205	017-51225	017-51245	017-51105	017-51125
#45	017-51206	017-51226	017-51246	017-51106	017-51126
#50	017-51207	017-51227	017-51247	017-51107	017-51127
#55	017-51208	017-51228	n/a	017-51108	017-51128
#60	017-51209	017-51229	n/a	017-51109	017-51129
#70	017-51210	n/a	n/a	017-51110	017-51130
#80	017-51211	n/a	n/a	017-51111	017-51131
#15-40	017-51212	017-51230	017-51248	017-51112	017-51132
#45-80	017-51213	017-51231	017-51249	017-51113	017-51133
#90-140	017-51214	017-51232	017-51250	017-51114	017-51134

Accessory Gutta Percha Points		Accessory Paper Points [^]	
	100/Box REF	200/Box REF	180/Cell Box (5/Cell)
XX-Fine	017-51260	017-51140	017-51160
X-Fine	017-51261	017-51141	017-51161
Fine	017-51262	017-51142	017-51162
Medium	017-51263	017-51143	017-51163
Coarse	017-51264	017-51144	017-51164
X-Coarse	017-51265	017-51145	017-51165
Assorted	017-51266	017-51146	017-51166

[^]Sterile



Gutta Percha Points



- Radiopaque
- Cadmium-free

Accessory Gutta Percha Points



- Multi-purpose

Paper Points



- Super absorbent
- ISO-sized

INJECT-R FILL™ HEATER

- The Inject-R-Fill Heater is a convenient unit that heats Inject-R-Fill to the perfect temperature
- Inject-R Fill is a gutta percha filled dispensing cartridge.
- Turn the heater on and load the desired amount of Inject-R Fills into the holders (up to 6) and within 3 minutes they are ready to use.
- No cutting of the carrier.



REF	Description
012-23020	Inject-R Fill Heater

INJECT-R FILL™ - BACK FILL INJECTION SYSTEM

- No repetitive additions of points or segments.
- No multiple injections.
- No disassembly of injection-system syringes for cleanup.
- No cutting of the carrier.



REF	Description
012-23018	Each package contains 6 Inject-R Fills

TRI-R POST™ SYSTEM

Each post is made from textured S/S with wide spiral grooves and wide flat spiral ridges for maximized balanced strength, retention and ability to follow the canal contour.

Part Number	Description
012-12400	Tri-R Post System 1 sterilizable organizer 24 color-coded posts in 4 sizes (6 each size)

Replacements		
Size	Replacement Posts - 10/pack	Replacement Drills - 3/pack
1	012-12401	012-12501
2	012-12402	012-12502
3	012-12403	012-12503
4	012-12404	012-12504



ROTARY OBTURATORS

The Rotary Obturators from Miltex, Inc. are engine-driven nickel-titanium obturation files which feature a reverse-helix design to heat and condense gutta percha into an endodontically treated canal system. The Rotary Obturators are offered in a 23mm operative length with a 0.02 taper and are available in ISO tip sizes 30 through 55.

FEATURES

ISO Tip & Taper

Nickel-Titanium

23mm Operative Length

Reverse Helix Design

BENEFITS

Clearly marked for easy identification.

Provides flexibility in canal.

One size fits all.

Heats and condenses gutta percha into canal.

REF	Description - 6 per pack
012-19601	30/ .02 Rotary Obturator
012-19602	35/ .02 Rotary Obturator
012-19603	40/ .02 Rotary Obturator
012-19604	45/ .02 Rotary Obturator
012-19605	50/ .02 Rotary Obturator
012-19606	55/ .02 Rotary Obturator
012-19607	Assorted (1 file each size)
017-36309	Sprint TCM w/1:1 handpiece



PASTE CARRIERS (LENTULO TYPE)

- Flexible, strong, spring-type stainless steel
- RA Instrument Driven
- Reverse-spiral shaped, fine wire

No.	Iso No. (Diameter of working part at tip end)	Root Canal Enlargement Up to:	RA 20mm Item No.	RA 24mm Item No.
1	25 (.25 mm)	35 mm	017-19510	017-19515
2	30 (.30 mm)	45 mm	017-19511	017-19516
3	35 (.35 mm)	60 mm	017-19512	017-19517
4	40 (.40 mm)	140 mm	017-19513	017-19518
1-4 Asst.*			017-19514	017-19519



TACTILE TONE™

- Silicone grips provide cushioned, stable grip
- Wider diameter handle reduces hand and wrist fatigue
- Color coding by instrument families



STAINLESS STEEL

- Hollow lightweight handle reduces hand and wrist fatigue
- Knurling on handles provides better gripping
- Variety of handle sizes (Round, Size 4, Size 6) meets individual needs



#6

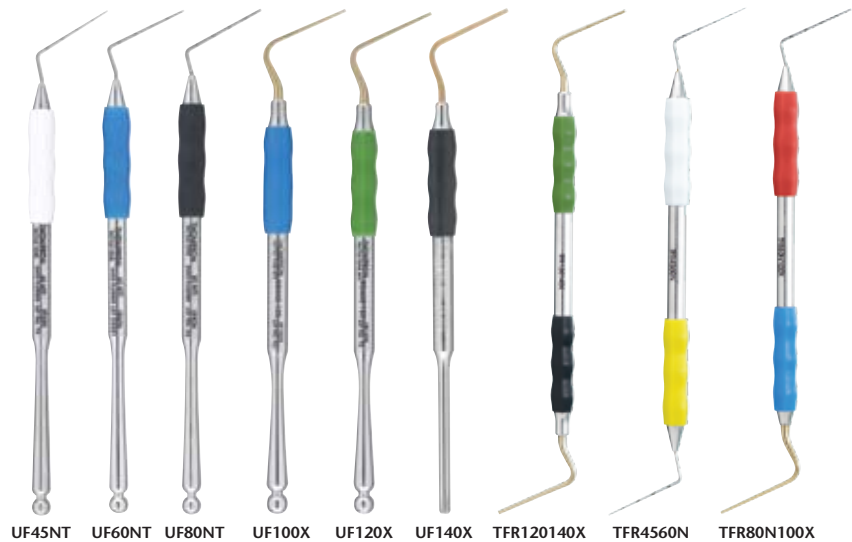


#4

DR. ROANE CONDENSERS

Dr. Roane condensers are designed to improve the handling of gutta percha and other obturation materials. The smaller sizes are made of Nickel Titanium (NiTi) for better compacting of the gutta percha around curved canals. The larger ISO sized condensers have the popular Miltex® GTX™ non-stick coating applied to them. This coating reduces the sticking and pull-back effect gutta percha can have on condensers in the coronal region of the tooth. All Roane Condensers are offered with the popular tactile tone handle.

REF	Description
UF45NT	45 TT SE NiTi
UF60NT	60 TT SE NiTi
UF80NT	80 SE NiTi
UF100X	100 SE GTX
UF120X	120 SE GTX
UF140X	140 SE GTX
TFR120140X	ISO 120 - 140 GTX
TFR4560N	ISO 45-60 NiTi
TFR80N100X	ISO 80-100 NiTi



DR. ROANE KIT

The Dr. Roane Kit offers the most popular instruments for obturation of canals. The smaller sizes are made of Nickel Titanium (NiTi) for better compacting of the gutta percha around curved canals. The larger ISO sized condensers have the popular Miltex® GTX™ non-stick coating applied to them. This coating reduces the sticking and pull-back effect gutta percha can have on condensers in the coronal region of the tooth. The kit, (REF "XFR") contains a size 45, 60, 80, 120 and 140.

REF XFR

KIT CONTAINS:

REF	Description
UF45NT	45 TT SE NiTi
UF60NT	60 TT SE NiTi
UF80NT	80 SE NiTi
UF120X	120 SE GTX
UF140X	140 SE GTX



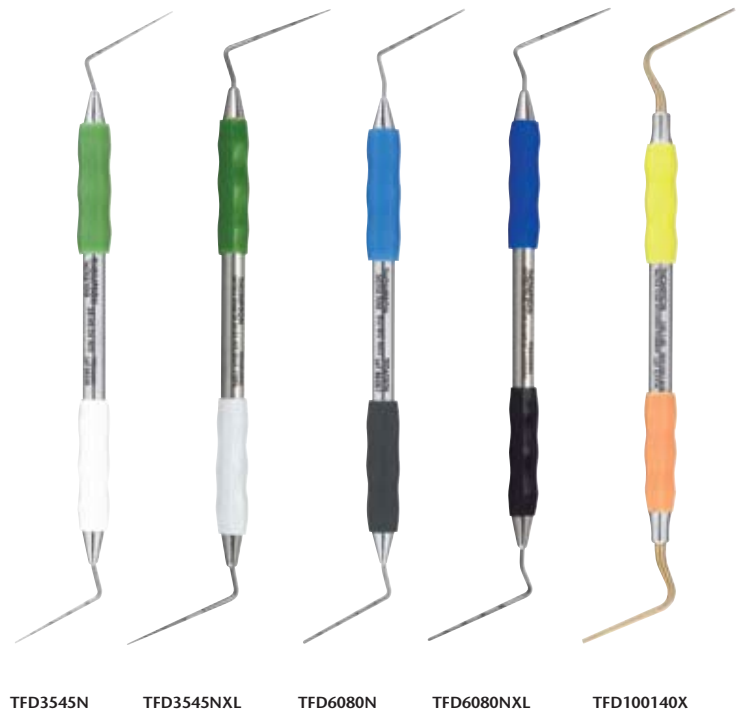
DR. DOVGAN CONDENSERS

The Dovgan Endodontic Condensers are specifically designed for vertical condensation of gutta percha. They feature a double-ended design, which saves time during procedures, and ISO sizes for easier identification.

Sizes 35 – 80 are available in a 23mm version and a 27mm extended length. Crafted from NiTi and machined to a .04 taper, the condensers ensure proper compacting of gutta percha around curved canals.

Sizes 100 – 140 are stainless steel with a GTX™ non-stick finish applied to the instrument. The GTX coating helps reduce the sticking and pull back effect gutta percha can have on condensers in the coronal region of the tooth.

Description	Tactile Tone
Dovgan 35-45/04 NiTi	TFD3545N
Dovgan 35-45/04 NiTi X-Long	TFD3545NXL
Dovgan 60-80/04 NiTi	TFD6080N
Dovgan 60-80/04 NiTi X-Long	TFD6080NXL
Dovgan 100-140/02	TFD100140X



ENDODONTIC CONDENSERS/PLUGGERS

Endodontic condensers also known as pluggers, are specifically designed for vertical condensation of gutta percha and other obturation materials. The condensers have 5mm marking so clinicians can better gauge their working depth.

Description	Tactile Tone	Round	Octagonal
Dr. Luks 1	UFL1	-	017-24630
Dr. Luks 2	UFL2	-	017-24631
Dr. Luks 3	UFL3	-	017-24632
Dr. Luks 4	UFL4	-	017-24633
ISO 100	UF100	-	-
ISO 110	UF110	-	-
ISO 130	UF130	-	-
ISO 30	UF30	-	-
ISO 35	UF35	-	-
ISO 40	UF40	-	-
ISO 45	UF45	-	-
ISO 50	UF50	-	-
ISO 55	UF55	-	-
ISO 60	UF60	-	-
ISO 65	UF65	-	-
ISO 70	UF70	-	-
ISO 80	UF80	-	-
ISO 85	UF85	-	-
ISO 90	UF90	-	-
Root Canal 1-3	TF13	017-24620	-
Root Canal 3 - 5	TF35	017-24621	-
Root Canal 5 - 7	TF57	017-24622	-
Root Canal 9 - 11	TF911	017-24623	-



FINGER PLUGGERS

Finger pluggers have a .02mm taper and are designed with a flat tip for vertical condensation of gutta percha. The colored plastic handle identifies the ISO size and may be sterilized up to 390° F.

Stainless Steel - 6 per pack

Standardized Instrument Size	21mm Item No.	25mm Item No.
15	012-23010	012-23001
20	012-23011	012-23002
25	012-23012	012-23003
30	012-23013	012-23004
35	012-23014	012-23005
40	012-23015	012-23006
15-40*	012-23016	012-23007

* Assorted pack



ENDODONTIC SPREADERS - SINGLE END

Endodontic Spreaders are specifically designed for lateral condensation of gutta percha and other obturation materials. Endodontic spreaders are available in stainless steel and NickleTitanium.

Description	Tactile Tone	Round	Octagonal
25S	-	-	017-24442
D-11	UED11	017-24440	-
D-11T	UED11T	017-24441	-
GP-2	UEGP2	-	-
GP-3	UEGP3	-	-
GP-3 NiTi	UEGP3N	-	-
ISO 25	UE25	-	-
ISO 25 NiTi	UE25NT	-	-
ISO 30	UE30	-	-
ISO 30 NiTi	UE30NT	-	-
ISO 35	UE35	-	-
ISO 40	UE40	-	-
ISO 40 NiTi	UE40NT	-	-
ISO 45	UE45	-	-
ISO 50	UE50	-	-
ISO 50 NiTi	UE50NT	-	-
ISO 55	UE55	-	-
ISO 60	UE60	-	-
ISO 60 NiTi	UE60NT	-	-
KR1*	-	-	017-24445
Ladmore 3 Long Tip	-	-	017-24480
W1S**	-	-	017-24450
W2S**	-	-	017-24451

* Designed by Drs. Kenneth Knopf and Paul A. Rosenberg.

** Designed by Dr. Warren Wakai



UED11

017-24440

017-24445

FINGER SPREADERS

The stainless steel Finger Spreaders are specially designed for lateral condensation of gutta percha and other obturation materials.

6 per pack

Standardized Instrument Size	21mm Item No.	25mm Item No.
XF	012-23160	012-23170
FF	012-23161	012-23171
MF	012-23162	012-23172
F	012-23163	012-23173
FM	012-23164	012-23174
MF	012-23165	012-23175
XF-M	012-23166	012-23176



ONYX-FLEX™ - NICKEL TITANIUM FINGER SPREADERS

Onyx-Flex NiTi Finger Spreaders are specially designed of NiTi to provide clinicians with flexibility and strength during lateral condensation of gutta percha and other obturation materials.

6 per pack

Standardized Instrument Size	Item No. - 25mm
XF	012-14900
FF	012-14901
MF	012-14902
FF	012-14903
FM	012-14904
MF	012-14905
XF-M	012-14906



P.J. LUKS FINGER SPREADERS

These stainless steel Finger Spreaders are specially designed for lateral condensation of gutta percha and other obturation materials.

Standardized Instrument Size	21mm Item No.	25mm Item No.
1	012-23033	012-23040
2	012-23034	012-23041
3	012-23035	012-23042
4	012-23036	012-23043
5	012-23037	012-23044
6	012-23038	012-23045
Assorted	012-23039	012-23046



GUTTA PERCHA HEATER PLUGGERS/SPREADERS

Item No.	Instrument No.	Heater-Pluggers		Heater-Spreaders	
		D(1mm)	D(16mm)	D(5mm)	D(16mm)
017-24600	5	0.55	0.85	0.50	0.75
017-24601	7	0.70	1.00	0.50	0.75
017-24602	9	1.00	1.30	0.63	0.75
017-24603	11	1.20	1.50	0.63	0.75



017-24600

017-24601

017-24603

K-G RETRO FILLING AMALGAM CARRIERS

Designed by Drs. Henry Kahn and Harold Gerstien, this stainless steel amalgam carrier is specially designed for apical amalgam fillings. Tip diameters: small .046875"; large .078125"

REF	Description
013-24820	K-G Amalgam Carrier Small Tips .046875"
013-24821	K-G Amalgam Carrier Large Tips .078125"



013-24820



013-24821

AMALGAM WELLS

REF	Description
71-96	Amalgam Well - Non-Slip
AW	Amalgam Well Small (Fits Thompson Cassettes)



71-96



AW

EXCAVATORS

Excavators are used when removing caries dentin and other dental materials (temporary cement, etc.).

Description		Tactile Tone	Round	Octagonal
1.1mm Spoon		THES11	-	-
1mm Discoid (10-7-14)		THE1	-	-
1mm Spoon		THES1	-	-
1.15mm Discoid (38-39) (11.5-7-14)		THE11S	-	-
1.5mm Discoid (15-8-14)		THE1S	-	-
1.5mm Spoon (15-8-14)		THES1S	-	-
2mm Discoid (20-9-14)		THE2	-	-
2mm Spoon (20-9-14)		THES2	-	-
#14		-	-	70-2
#17		-	-	70-4
#18		-	-	70-6
#19		-	-	70-8
#22		-	-	70-18
#3/6 Cleoid/Discoid		-	-	70-20
17 Tear-Drop		THE17	-	-
18 Tear-Drop		THE18	-	-
19 GTX (non-stick coating)		THE19X	-	-
19 Tear-Drop		THE19	-	-
20 Tear-Drop		THE20	-	-

continued on next page

EXCAVATORS (CONT.)

Description		Tactile Tone	Round	Octagonal
#31L		THE31L	-	70-14
#33L		THE33L	-	70-16
#38/39		THE115B	-	70-10
#61/62		-	-	70-12
#89/92 Cleoid/Discoid		-	-	70-22
31W		THE31W	-	
32L		THE32L	-	-
42-43 Spoon		THES4243	-	-
E1 Discoid (12-9-15)		THEE1	-	-
E2 Discoid (15-9-15)		THEE2	-	-
E3 Discoid (25-9-15)		THEE3	-	-



Tactile Tone



Octagonal

ENDODONTIC FORCEPS

Part Number	Descriptions
6-338	WILLIAMS Splinter Forceps, 5-1/2" (14 cm), straight
6-340	WILLIAMS Splinter Forceps, 5-1/2" (14 cm), 45 degree angle
6-342	WILLIAMS Splinter Forceps, 5-1/2" (14 cm), right angle
6-350	PEET Splinter Forceps, 4-3/4" (12.1 cm), double curve
7-20	HALSTED Mosquito Forceps, jaws angled 45 degrees on flat, extra delicate
66-660	Silver Point Holding Forceps, with grooved jaws, right angle



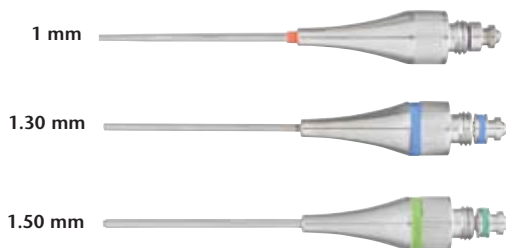
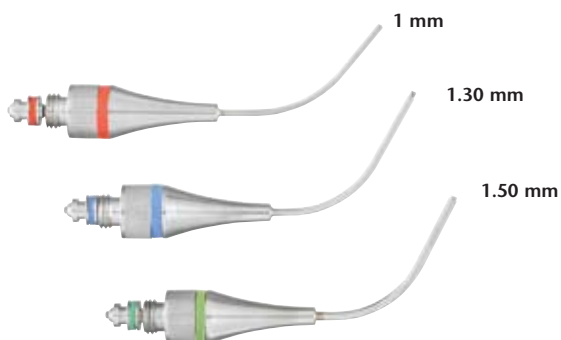
MESSING ROOT CANAL GUN

Designed by Dr. J.J. Messing, this Root Canal Gun is designed to function like an aspirating syringe and is intended for apical amalgam fillings. Set includes 3 interchangeable nozzles and plunger tips (1.0, 1.30, and 1.5mm diameter) and amalgam well.

	STRAIGHT	CURVED
	Nozzle & Plunger	Nozzle & Plunger
Complete Set	017-23500	017-23550
1 mm	017-23501	017-23551
1.30 mm	017-23502	017-23552
1.50 mm	017-23503	017-23553



017-23550
(Set-Curved)

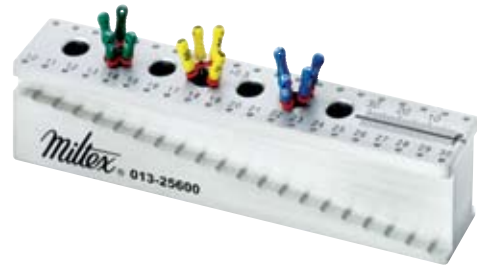


017-23500
(Set-Straight)

ENDO BLOCK

The Endo Block is designed to accurately set stops for all endodontic files. The block is made from anodized aluminum and is autoclavable by any method. The 42 gauges allow precise placement of stops from 10mm to 30mm in .5mm increments and can also be used to size gutta percha and paper points. The seven storage areas are ideal for storing files, gutta percha and paper points, while the endo ruler allows accurate out-of-tooth file measurements.

Part Number	Description
013-25600	Endo block, aluminum



ENDO-TOP II

Endo-Top holds up to 36 finger instruments and will fit into a Teflon holder. It can be used in an upright position or placed on its side. The perfect holder for narrow sterilizers.

Teflon is a registered trade name of DuPont Company.

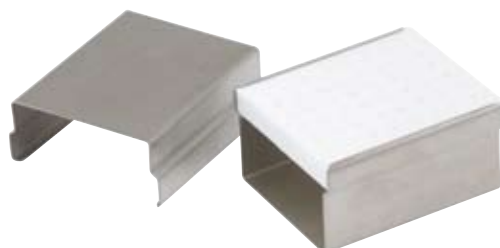
Part Number	Description
017-48609	15 Hole
017-48634	36 Hole



ENDO-TOP III

Similar to the Endo Top II, but larger for increased capacity (48 holes). Great for Rotary Instrument setups.

Part Number	Description
017-48628	48 hole



16 INSTRUMENT UTILITY TRAY

This rigid anodized aluminum storage tray will hold up to 16 hand instruments with extra room for smaller instruments or hand pieces.

Part Number	Description
	28 x 18 x 5cm
017-48772	Silver
017-48773	Dark Blue
017-48774	Red



GUTTA BOX/PULPA BOX

Color coded aluminum organizer ideal for case-by-case set up. Sterilizable by dry heat or autoclave.

Gutta Box for Gutta Percha and Paper Points		Pulpa Box File Holder	
Part Number	Description	Part Number	Description
017-48640	Silver	017-48650	Silver
017-48641	Blue	017-48651	Blue
017-48642	Red	017-48652	Red



MINI ENDO

Anodized aluminum endo box holds up to 60 endodontic finger instruments. Color coded plastic cups hold absorbent points and gutta percha.

Part Number	Description
	13 x 5 x 4 cm
017-48600	Silver
017-48601	Blue
017-48602	Red



ENDO MICRO PULPA

Small aluminum box holds up to 30 endodontic instruments.

Part Number	Description
	5 x 4 x 5cm
017-48655	Endo Micro Pulpa - Silver
017-48656	Endo Micro Pulpa - Blue
017-48657	Endo Micro Pulpa - Red



MINI CLEAN GRIPP

Aluminum endodontic box with removable gauze for cleaning.
Diameter 4 cm. x Height 3.2 cm.

Part Number	Description
017-48760	Mini Clean Gripp - Silver
017-48761	Mini Clean Gripp - Blue



ENDO MODULES

Anodized aluminum boxes for gutta percha and absorbent points.
Lift-out stainless steel tray has 6 compartments.

Part Number	Description
	13 x 5 x 1.5 cm
017-48630	Endo Modules - Silver
017-48631	Endo Modules - Blue
017-48632	Endo Modules - Red



ENDODONTIC MINI-STAND

- Designed by Dr. Thomas P. Mullaney
- All aluminum.
- Holds up to 27 finger instruments
- 8 slots for absorbent points
- Handy millimeter ruler on lid
- 3.25" x 1.25" x 2.25"

Part Number	Description
017-47150	Endodontic Mini-Stand



U-46 FINGER INSTRUMENT STAND

- Millimeter Ruler
- All aluminum
- Hold up to 12 finger instruments
- 2.06" x 1" x 1.81"

Part Number	Description
017-47160	U-46 Finger Instrument Stands



U-43 ROOT CANAL CABINET - FAIRLEIGH DICKINSON & TEMPLE UNIVERSITIES

- All aluminum
- Extra deep
- Pull-out tray
- Compartments for smaller instruments
- 8.25" x 4.25" x 1.25"

Part Number	Description
017-47200	U-43 Root Canal Cabinet



UNIVERSITY OF MICHIGAN ROOT CANAL CABINETS

- All aluminum
- Style B U-97: 7 compartments - 3.5" x 1.25" x .5"
- Style C U-98: 13 compartments - 6.75" x 2.75" x .5"

Part Number	Description
017-47270	U of M Root Canal Cabinet - Style B
017-47275	U of M Root Canal Cabinet - Style C



ROOT CANAL CABINET U-66 - NAVAL GRADUATE DENTAL SCHOOL

- Stainless steel
- 11" x 6.25" x .6875"

Part Number	Description
017-47230	Root Canal Cabinet U-66



U-35 ROOT CANAL CABINET - UNIVERSITIES OF NEBRASKA/DETROIT

- Designed by Dr. Garth A. James
- All aluminum
- 8.25" x 6.25" x .75"

Part Number	Description
017-47280	U-35 Root Canal Cabinet



U-50 ROOT CANAL BOX

- Designed by Dr. C.E. Rudolph
- All aluminum
- 9.25" x 4.75" x .75"

Part Number	Description
017-47350	U-50 Root Canal Box



BOX FOR ABSORBENT POINTS U-63

- Designed by Dr. Daniel Goodman
- All aluminum
- 3.5" x 3.5" x .5"
- May be used for silver points, gutta percha points, burs, etc.

Part Number	Description
017-47450	U-63 Box



U-56 ENDO BOX W/ SPONGE FAIRLEIGH DICKINSON & LOYOLA UNIVERSITIES

- Designed by Drs. Louis Glatt and Marshall Smulson
- Stainless Steel
- Slots for 96 finger instruments
- Watertight for use with germicide
- Large hole in corner allows check of germicide level without detaching cover
- 4.5" x 3.125" x 1.25"

Part Number	Description
017-47550	Steri-Box with Sponge-Fairleigh Dickinson and Loyola Universities Design
017-47565	Replacement Sponge



CHUTES FOR ROOT CANAL INSTRUMENTS

- Accommodates files and reamers. 1.25" x 2.0625" x 6.25"
- Holds up to 24 packages
- Packages are securely held and easily removed
- Backplates available for width of 8 chutes

Part Number	Description
017-47500	Chute
017-47505	Backplate



U-62 ROOT CANAL INSTRUMENT ORGANIZER

- All aluminum
- Provides instant access to the correct-size endodontic instrument
- 36 compartments for storing packages of endodontic instruments
- Holds up to 432 packages
- An excellent inventory control aid
- 15.625" x 9.3125" x 2"

Part Number	Description
017-47510	U-62 Root Canal Organizer



WORK-UTILITY BOX

- Designed by Dr. Stanley Andrews
- Stainless steel
- Small and large sizes
- Watertight for use with germicide
- Small: 4" x 2" x 1.25"
- Large: 5.75" x 2.75" x 1.5"

Part Number	Description
017-4750	Work-Utility Box - Small
017-4751	Replacement Sponge
017-47575	Work-Utility Box - Large
017-47576	Replacement Sponge
U76L	Large
U76S	Small



U-78 STORAGE BOX WITH 16 COMPARTMENTS

- All aluminum
- 8.875" x 2.125" x .625"

Part Number	Description
017-47630	U-78 Storage Box



U-93 ENDO BOX WITH SLOT

- Loyola University
- Designed by Dr. Marshall Smufson
- Stainless steel
- Watertight for use with germicide
- Slots for 64 finger instruments
- Open sponge area for storing larger instruments or placing instruments on an angle
- 4.5" x 3.125" x 1.25"

Part Number	Description
017-47560	Endo Box with Slot - Loyola University Design
017-47565	Replacement Sponge



U-68 STORAGE BOX WITH 5 COMPARTMENTS

- All aluminum
- 3.5" x 1.875" x .5"

Part Number	Description
017-47650	U-68 Storage Box



ACCESSORY INSERT TRAYS

- Stainless steel
- Pellet-container tray holds up to 24 cotton pellets
- 2" x 1"

Accessory Insert Tray for:	
017-47841	Pellets
017-47842	Medicaments



SCRATCH BRUSHES

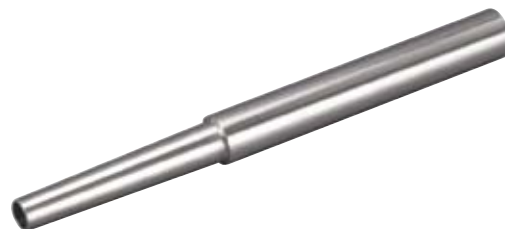
- 2.875" long.
- Fine steel wire bound in plastic handle.
- For cleaning endodontic instruments and burs.
- May be trimmed when worn by prolonged use



Part Number	Description
017-23400	Scratch Brushes

CANAL ASPIRATOR ADAPTER

- Designed by Dr. David Green
- Chromium-plated brass
- Sterilizable by any method.
- One side enters a luer syringe; the other a saliva ejector.



Part Number	Description
013-31220	Canal Aspirator Adapter

PULP CANAL ASPIRATORS

- Flexible plastic tubing.
- All metal parts are stainless steel.
- Also for draining periapical abscesses.
 - Point 1. Connector to hose: length 1/17", diameter 9/32".
 - Point 2. Tubing: inside diameter 5/32", outside diameter 5/16".
 - Point 3. Metal connector: length 3/4", diameter 19/64".

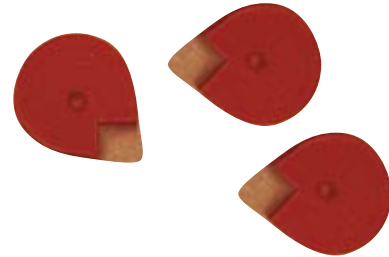
Pulp Canal Aspirator with:	Coupland - Metal
013-31205 Small Tip	013-29070 Coupland Handle
013-31210 Large Tip	013-29080 #2 Suction Tip
013-31215 Extra Large Tip	013-29085 #4 Suction Tip
013-31200 Set of all 3 Tips	



SILICONE LOCATOR STOPS

- Aides in establishing the canal depth and the working measurement of each file.
- Sterilizable at temperatures up to 450 degrees Fahrenheit.
- Clearly-defined shape permits alignment of stop with curve in instruments when instrumenting curved canals.
- Easily slides on instruments.
- Box of 100

Part Number	Description
017-25504	Red
017-25505	Gray



FINGER & THUMB RULERS

	Finger Ruler	Thumb Ruler
Left	013-25711	013-25713
Right	013-25710	013-25712



ENDO BLOCKS

- Plastic Endo Blocks are designed to simulate a root canal.
- They are ideal for product demonstrations and practice with different files.
- Box of 5.

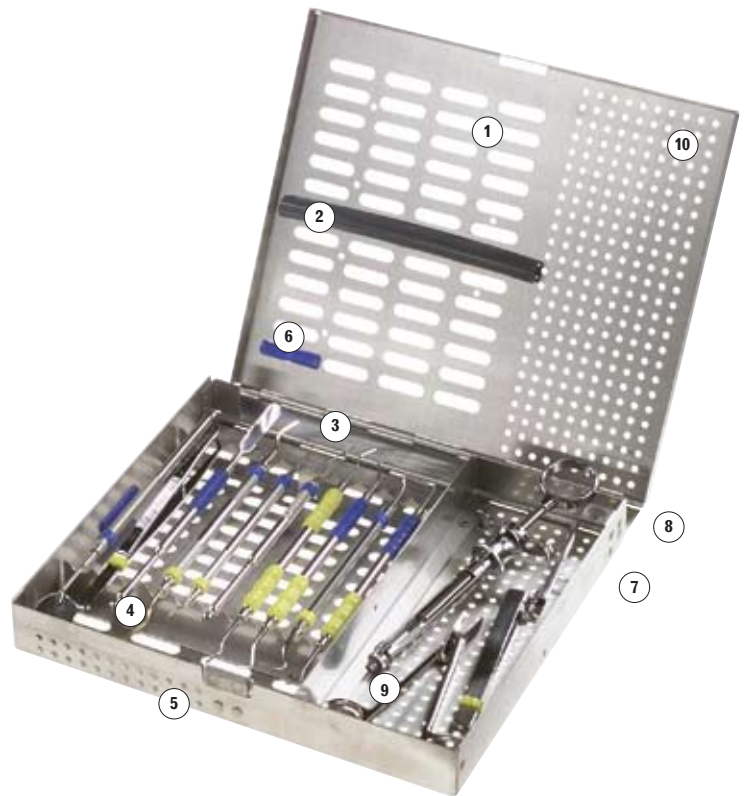
017-37101	Straight Endo Blocks
017-37100	Curved Endo Blocks



THOMPSON™ CASSETTES

Features and Benefits

1. Unique flow-through design.
2. Medical grade silicone provides instrument retention when lid is closed.
3. Full length hinge provides stable and secure attachment to cassette.
4. Riveted stainless steel rack provides a secure base for placing instruments.
5. Quick and easy push button release provides a positive lock when closed.
6. Pre-stamped tabs allow for custom coding of cassettes.
7. Double-hinged lid folds under for easy storage during use.
8. Self-lubricating plastic hinge pin will not corrode and provides smooth mechanical movement.
9. Various interior configurations to meet all storage needs.
10. Passivated stainless steel provides aesthetic finish and corrosion protection.



Thompson™ Tuck-Away™ Lid

The Thompson™ Tuck-Away™ lid is a double-hinge lid designed to conveniently fold under the cassette, offering the following advantages:

- Tucks away to store during procedures.
- Ensures lid is not misplaced during procedures.
- Saves valuable space over single-hinge lids.
- Provides incline for better instrument viewing and access during procedures.



Lid closed



Lid open



Lid folded under

Factory Installed Accessories

Factory installed accessories add to the flexibility of the Thompson™ cassettes. (Can only be added to certain cassettes)



Sharpening Stone Holder



Needle Recapper



Lid Clips



Thompson™ Cassettes

The Thompson cassettes are manufactured with passivated stainless steel, feature the Thompson Tuck-Away lid* and are available in a variety of sizes and configurations to meet all storage needs.

Thompson cassettes are available in several options:

Single Rack Cassettes — Cassette contains a single riveted rack to accommodate various hand instruments. Several sizes available to hold five to 26 instruments.

Double Rack Cassettes — Cassette contains additional removable rack for double stacking instruments.

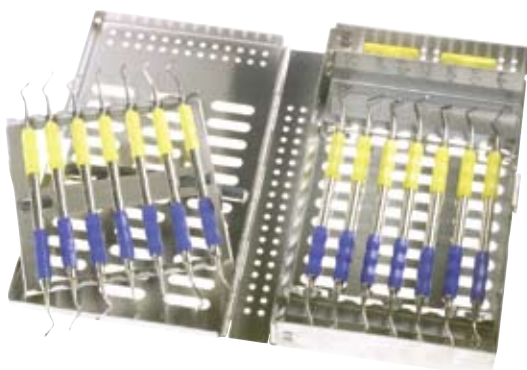
Utility Cassettes — Cassette does not contain an instrument rack, making it ideal for ring-handled and larger sized instrumentation.



Thompson™ 5 Cassette

Item Number	Description	Dimensions	
		Inches	Millimeters
3-083005*	Thompson 5 Utility	8 x 3 13/16 x 1 1/8	204 x 81 x 30
3-083105*	Thompson 5 Single Rack	8 x 3 13/16 x 1 1/8	204 x 81 x 30
3-083210*	Thompson 5 Double Rack	8 x 3 13/16 x 1 1/8	204 x 81 x 30

* Thompson 5 cassette features single-hinged lid.

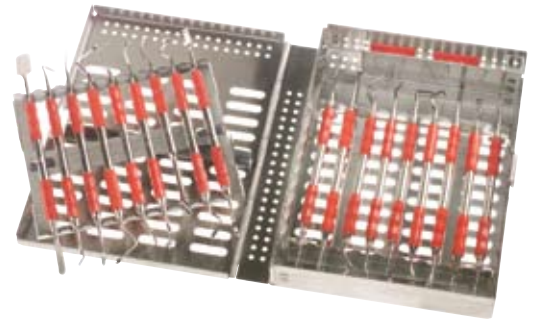


Thompson™ 7 Cassette

Item Number	Description	Dimensions	
		Inches	Millimeters
3-084007	Thompson 7 Utility	8 x 4 7/8 x 1 1/8	204 x 124 x 28.5
3-084107	Thompson 7 Single Rack	8 x 4 7/8 x 1 1/8	204 x 124 x 28.5
3-084214	Thompson 7 Double Rack	8 x 4 7/8 x 1 1/8	204 x 124 x 28.5

Thompson™ 9 Cassette

Item Number	Description	Dimensions	
		Inches	Millimeters
3-085009	Thompson 9 Utility	8 x 6 x 1 3/16	204 x 154 x 30
3-085109	Thompson 9 Single Rack	8 x 6 x 1 3/16	204 x 154 x 30
3-085218	Thompson 9 Double Rack	8 x 6 x 1 3/16	204 x 154 x 30



Thompson™ 10 Cassette

Item Number	Description	Dimensions	
		Inches	Millimeters
3-089110	Thompson 10	8 x 9 x 1 1/8	204 x 229 x 28.5
3-089110L	Thompson 10 w/lid clips	8 X 9 X 1 1/8	204 x 229 x 28.5
3-089110S	Thompson 10 w/ stone clip	8 X 9 X 1 1/8	204 x 229 x 28.5
3-089110A	Thompson 10 w/ lid and stone clips	8 X 9 X 1 1/8	204 x 229 x 28.5



Thompson™ 14 Cassette

Item Number	Description	Dimensions	
		Inches	Millimeters
3-118114	Thompson 14	8 x 10 7/8 x 1 3/16	204 x 276.5 x 30
3-118114L	Thompson 14 w/lid clips	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30
3-118114S	Thompson 14 w/ stone clip	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30
3-118114A	Thompson 14 w/ lid and stone clips	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30





Thompson™ 16 Cassette

Catalog Number	Description	Dimensions	
		Inches	Millimeters
3-118116	Thompson 16	8 x 10 7/8 x 1 3/16	204 x 276.5 x 30
3-118116L	Thompson 16 w/lid clip	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30
3-118116S	Thompson 16 w/stone clip	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30
3-118116A	Thompson 16 w/lid and stone clips	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30



Thompson™ 22 Cassette

Catalog Number	Description	Dimensions	
		Inches	Millimeters
3-118122	Thompson 22	8 x 10 7/8 x 1 3/16	204 x 276.5 x 30



Thompson™ 26 Cassette

Catalog Number	Description	Dimensions	
		Inches	Millimeters
3-139126	Thompson 26	9 1/8 x 13 x 1 3/16	232 x 330 x 30

Slimline Cassettes

The Thompson Slimline cassettes feature a single-hinged lid and reduced profile. All Slimline cassettes are manufactured from passivated stainless steel which provides an aesthetic finish and corrosion protection.

Slimline 7

Catalog Number	Description	Dimensions	
		Inches	Millimeters
3-072007	Slimline 7	7 x 2 5/8 x 11/16	178 x 67 x 17
3-082008	Slimline 7 extended	8 x 2 5/8 x 11/16	203 x 127 x 17
STD5L27	Deep Slimline 7	7 x 2 5/8 x 1	178 x 67 x 25



Slimline 14

Catalog Number	Description	Dimensions	
		Inches	Millimeters
3-072014	Slimline 14	7 x 4 5/8 x 11/16	178 x 115 x 17



Specialty Cassettes

In addition to the Slimline and Thompson series cassettes, Miltex also offers a variety of specialty cassettes designed for various applications.

Statim® Cassette



REF	Description	Dimensions	
		Inches	Millimeters
STDSTAT	Statim Cassette	7 x 10 5/8 x 1 1/2	178 x 270 x 38



Statim® 8 Cassette

REF	Description	Dimensions	
		Inches	Millimeters
STDSTAT8	Statim8 Cassette	6 3/4 x 8 1/8 x 1 1/8	171 x 206 x 29



Statim® 814 Cassette

REF	Description	Dimensions	
		Inches	Millimeters
STDSTAT814	Statim814 Cassette with 14 Rack	6 3/4 x 8 1/8 x 1 1/8	171 x 206 x 29

Small Surgical Cassette

Catalog Number	Description	Dimensions	
		Inches	Millimeters
STDBOS	Small Surgical Cassette	7 x 3 x 1 3/8	178 x 76 x 35



Medium Surgical Cassette

Catalog Number	Description	Dimensions	
		Inches	Millimeters
STDBOM	Medium Surgical Cassette	10 x 5 1/2 x 4	254 x 140 x 102



Large Surgical Cassette

Catalog Number	Description	Dimensions	
		Inches	Millimeters
STDBOL	Large Surgical Cassette	11 x 8 x 4	279 x 203 x 102





Orthodontic Cassette

Catalog Number	Description	Dimensions	
		Inches	Millimeters
STDORTHO	Ortho Cassette	5 x 7 x 2	127 x 178 x 51
STDORTHOS	Small Ortho Cassette	6 1/2 x 2 1/4 x 2	165 x 57 x 51



Handpiece/Accessory Cassette

Catalog Number	Description	Dimensions	
		Inches	Millimeters
3-080205	Handpiece/ Accessory Cassette	8 x 2 3/16 x 1 7/16	204 x 71 x 37

FACT

Using cassettes for procedural setups is an excellent way to efficiently organize and clean instruments for specific procedures.

Cassette Accessories

These accessories can be used as stand-alone items or in conjunction with the Thompson cassettes.

Bur Holder

Catalog Number	Description
STDBH	12 hole bur holder
STDBH6	6 hole bur holder
STDBHS	6 hole surgical bur holder



Small Parts Box

Catalog Number	Description	Dimensions	
		Inches	Millimeters
STDPB	Small Parts Box	1 2/3 x 1 1/3 x 1	42 x 33 x 26



Endodontic Stands

Catalog Number	Description
STDES60	Endo Stand, 60 hole
STDES72	Endo Stand, 72 hole



REF	Description
3-700	MILTEX Spray Lubricant, 8 fl. oz. spray bottle (0.24 liters) (case of 12)
3-705	MILTEX Lubricant, 1-gallon bottle (3.78 liters).
3-710	MILTEX Surgical Instrument Cleaner/Lubricant, 1-gallon bottle (3.78 liters).
3-720	MILTEX Surgical Instrument Cleaner, 8 fl. oz. bottle (0.24 liters). Contents of 8 oz. bottle makes 32 gallons of solution.
3-725	MILTEX Surgical Instrument Cleaner, 1-gallon bottle (3.78 liters). Contents of 1-gallon bottle makes 512 gallons of solution.
3-726	MILTEX Surgical Instrument Cleaner, Box 80 – 1/4 oz. (7.4 ml) packets. Contents of 1 box makes 80 gallons of solution.
3-740	MILTEX Surgical Instrument Stain Remover, 3 oz. (85g) jar (case of 12)
3-750	MILTEX EZ-Zyme®, All Purpose Enzyme Cleaner, Box 32 – 3/4 oz. (22 ml) packets. Contents of 1 box makes 32 gallons of solution.
3-755	MILTEX EZ-Zyme®, All Purpose Enzyme Cleaner, 1-gallon bottle (3.78 liters). Contents of 1-gallon bottle makes 170 gallons of solution.
3-760	MILTEX Instrument Prep Enzyme Foam, 24 oz. (0.71 liters) spray bottles (case of 12)
3-800	MILTEX Instrument Care System Kit includes one each of Spray Lube, Surgical Instrument Cleaner (8 oz.), Surgical Instrument Stain Remover, Instrument Care Video/DVD, Nylon Brush, Stainless Steel Brush.
3-810	MILTEX Instrument Care DVD, 25-minute instructional DVD designed to help practitioners and staff properly care for instruments
3-1000	MILTEX Nylon Instrument Cleaning Brushes, 7-1/4" (18.4 cm) (set of 3)
3-1001	MILTEX Stainless Steel Instrument Cleaning Brushes, 7-1/4" (18.4 cm) (set of 3)

MILTEX® INSTRUMENT CARE & CLEANING PRODUCTS

The Miltex care and cleaning product portfolio is designed to provide optimum cleaning performance and will help to prolong the service life of valuable surgical and dental instrumentation. Many products are available in multiple sizes, including single-dose packets for ease of use, space-saving 8 oz. bottles, and 1-gallon bulk containers with pump dispensers.



SILITONE™ COLOR BANDS

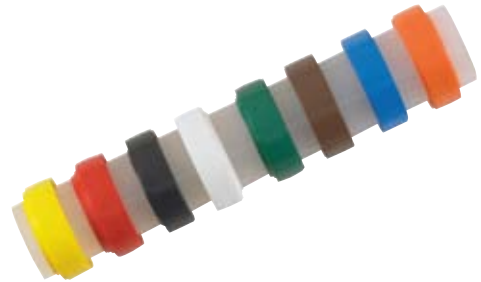
Silitone™ color bands are made from medical-grade silicone and can withstand temperatures up to 450° F. Silitone bands are expandable from 4 mm to 12 mm and are available in a variety of colors. 50 per pack except kits.

REF	Description	REF	Description
VST	Kit 480 pieces, assortment	VSTSK	BLACK
VSTA	Kit 120 pieces, assortment	VSTSL	LIGHT BLUE
VSTSA	GREY	VSTSN	BROWN
VSTSB	BLUE	VSTSP	PINK
VSTSD	GOLD	VSTSR	RED
VSTSG	GREEN	VSTSU	PURPLE
		VSTSW	WHITE
		VSTSY	YELLOW

TAPE 'N TELL™ ADHESIVE STRIPS

Ideal for color coding instruments and procedural kits.

REF	Description
017-48220	TAPE'N'TELL WHITE
017-48221	TAPE'N'TELL YELLOW
017-48222	TAPE'N'TELL RED
017-48223	TAPE'N'TELL BLUE
017-48224	TAPE'N'TELL GREEN
017-48225	TAPE'N'TELL BLACK
017-48226	TAPE'N'TELL ORANGE
017-48227	TAPE'N'TELL BROWN
017-48230	TAPE'N'TELL 8 ASST.



TIP-IT™ INSTRUMENT GUARDS

Tip-It™ Instrument Guards are used to protect instrument tips and edges from damage during instrument handling.
50 per pack.



REF Clear Vented	REF Tinted Vented	REF Solid Vented	REF Solid Non-Vented	Dimension	Size Code	Color
3-2501C	3-2501T	3-2501V	3-2501	1/16" X 3/4" (1.6mm X 19mm)	1	White*
3-2502C	3-2502T	3-2502V	3-2502	5/64" X 3/4" (2mm X 19mm)	2	Blue*
3-2503C	3-2503T	3-2503V	3-2503	7/64" X 3/4" (2.8mm X 19mm)	3	Green*
3-2504C	3-2504T	3-2504V	3-2504	1/8" X 1" (3.2mm X 25.4mm)	4	Red*
3-2505C	3-2505T	3-2505V	3-2505	3/16" X 1" (4.8mm X 25.4mm)	5	Yellow*
3-2506C	3-2506T	3-2506V	3-2506	13/32" X 3/4" (10.3mm X 19mm)	6	Maroon*
3-2507C	3-2507T	3-2507V	3-2507	1/16" X 3/8" X 1" (1.6mm X 9.5mm X 25.4mm)	7	Orange*
3-2508C	3-2508T	3-2508V	3-2508	5/64" X 5/8" X 1" (2mm X 16mm X 25.4mm)	8	Brown*
3-2509C	3-2509T	3-2509V	3-2509	1/8" X 1" X 1" (3.2mm X 25.4mm X 25.4mm)	9	Black*
3-2510C	3-2510T	3-2510V	3-2510	Assorted, equal number of sizes plus 5		

* Color does not apply to clear vented pattern



DTS

DTST

SHARPENERS

Thompson™ Sticks

Sterilizeable sticks used for checking instrument sharpness/edge.

REF	Description
DTS	Thompson Delron Sharpening test stick black (6)
DTST	Thompson Delron Sharpening test stick clear (6)



STN-OIL

Sharpening Stones & Honing Oil

Miltex sharpening stones and honing oil provides clinicians with the proper tools for re-establishing an instrument's proper cutting edge. The honing oil should be used with the Arkansas and India Stones.

REF	Description
STN-ARK-CON	Stone, Arkansas Conical
STN-ARK-FLT-4	Stone, Arkansas No. 4 Flat
STN-IND-CON-309	Stone, India No. 309, Fine Grit
STN-IND-FLT-1	Stone, India No. 1 Flat, Fine Grit
STN-IND-WDG-6	Stone, India No. 6 Wedge, Medium Grit
STN-OIL	Oil, Honing



STN-ARK-CON



STN-ARK-FLT-4



STN-IND-FLT-1



STN-IND-CON-309



STN-IND-WDG-6

Thompson Precision™ Sharpeners

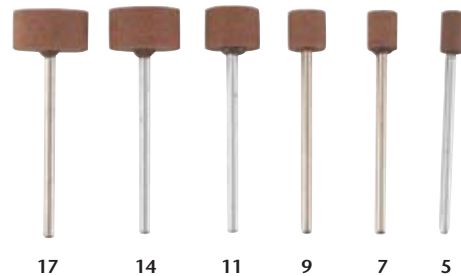
Thompson Precision™ Sharpeners do not require lubricant.

REF	Description
SP2	DOUBLE GRIT Precision synthetic stone (fine and medium grit)
SPC	COARSE Precision synthetic Stone
SPF	FINE Precision synthetic stone
SPM	MEDIUM Precision synthetic stone



Instrument Sharpeners

REF	Description
560-26490	Instrument Sharpener #5 3/16"
560-26510	Instrument Sharpener #7 1/4"
560-26530	Instrument Sharpener #9 5/16"
560-26550	Instrument Sharpener #11 7/16"
560-26570	Instrument Sharpener #14 9/16"
560-26590	Instrument Sharpener #17 5/8"
560-26610	Instrument Sharpener 6/Set (one of each number)



Miltex® Edge Scissor Sharpeners

REF	Description
5-5000	MILTEX Edge Scissors Sharpener, not intended for serrated or SuperCut scissors



STERILIZING INSTRUMENTS

Sterilizing & Grasping Forceps

REF	Description
3-2	DAVIS Sterilizer Forceps, 6" (15.2 cm)
3-4	DAVIS Sterilizer Forceps, 10" (25.4 cm)
3-10	Three prong Sterilizer Forceps, 8" (20.3 cm)
3-20	Utility-Sterilizer Forceps, 8" (20.3 cm), straight
3-22	Utility-Sterilizer Forceps, 8" (20.3 cm), curved
3-24	Utility-Sterilizer Forceps, 11" (27.9 cm), straight
3-26	Utility-Sterilizer Forceps, 11" (27.9 cm), curved
65-25	Grasping Forceps, non-magnetic, gold plated ends



3-2
3-4



65-25



3-10



3-20
3-24



3-22
3-26

Mesh Bur & Diamond Holder

REF	Description
65-28	Mesh Bur and Diamond Holder, large
65-29	Mesh Bur and Diamond Holder, small



65-28

65-29

CSR Wrap Indicator Tape & Steam Indicator Strip

REF	Description
STD1515	CSR wrap 15x15 1000/case
STD2020	CSR wrap 20x20 500/case
STD2424	CSR wrap 24x24 500/case
STDSTEAM	STEAM autoclave tape 3/4" x 60 yards
STDIND	STEAM INDICATR STRIPS 250
STDDRY	Dry heat labels (1000)



STD1515

ARKANSAS STONES



STN-ARK-CON



STN-ARK-FLT-4

INDIA STONES



STN-IND-CON-309



STN-IND-FLT-1



STN-IND-WDG-6

CERAMIC STONES



SP2



SPC



SPF



SPM

INSTRUMENT SHARPENING INSTRUCTIONS

Why sharpen instruments?

Instruments should be kept as true as possible to their original design. Sharp instruments can reduce hand and wrist fatigue, improve calculus removal, save time, improve tactile sensitivity, and minimize patient discomfort.

When to sharpen instruments?

Instruments should be sharpened before each use; however, please consider the following when deciding to sharpen instruments:

- Dull instruments require excessive pressure to remove calculus
- Dull instruments require multiple strokes to remove calculus
- Dull instruments do not “grab” or “bite”
- The number of uses between sharpening
- Evaluation of the cutting edge against a Delron™ stick
- Patient comfort and evaluation

Instruments can be sharpened by using several different types of stones and different shapes of stones

- **Arkansas stones** – Natural stone (used for routine sharpening and finishing)
 - a. Flat stone – used in routine sharpening and finishing of the edge and toe of an instrument
 - b. Conical stone – used in routine sharpening and finishing of the toe and face of an instrument
- **India stones** – Synthetic stone (used for re-contouring a dull instrument)
 - a. Flat stone – used in re-contouring dull edges and toes of an instrument
 - b. Cylindrical – used in re-contouring dull toes and faces of an instrument
 - c. Wedge – used in re-contouring dull edges, toes and faces of an instrument
- **Ceramic stones** – Synthetic stone (used for routine sharpening and finishing of an instrument)
 - a. Flat stone – used in routine sharpening and finishing of the edge and toe of an instrument
 - b. Cylindrical stone – used in routine sharpening and finishing of the toe and face of an instrument

How to sharpen instruments?

Stone moves while instrument is held stationary

1. Place 1 drop of Miltex Honing Oil on the Arkansas or India stone. No lubrication required on ceramic stones. (Only apply oil if oil was not previously applied to stone or if more lubrication is needed)
2. Hold the instrument in one hand, while applying the stone to the lateral surface of the point to form a 110° angle with the face of the blade
3. Position the stone to contact the heel of the blade and work toward the tip, keeping the stone in contact with the blade throughout the sharpening procedure
4. Move the stone up and down with short strokes, placing more pressure on the down stroke (Do not move the instrument, keep the instrument still)
5. Finish sharpening the instrument with a down stroke, this will prevent a rough edge from forming
 - a) Metal particles and lubricant will accumulate on the blade; this can be wiped off with sterile gauze. (This is also an indication that the right angulation was maintained during the sharpening process)
6. For sickle scalers, continue sharpening to the point. For curettes, continue around the toe to maintain its curved shape
7. Test for sharpness with a plastic Miltex Delron stick. If the blade is sharp, it will grab into the stick. If the blade is dull, it will slide over the stick without grabbing. If the blade is still dull, re-evaluate the angle of the stone and repeat the sharpening procedure (steps 2-6)
8. Repeat the procedure to sharpen the other side of sickle scalers and universal curettes

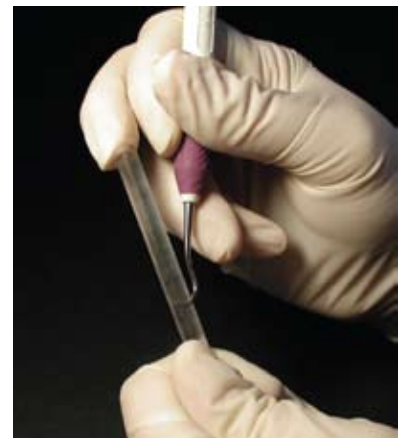
STEP 1



STEPS 2 & 4



STEP 7





ROUNDING THE TOE
CURVED SICKLE



ROUNDING THE TOE
STRAIGHT SICKLE

Rounding the toe of cures

1. Place 1 drop of Miltex Honing Oil on the Arkansas or India stone. No lubrication required on ceramic stones. (Only apply oil if oil was not previously applied to stone or if more lubrication is needed)
2. Place stone at a 45° angle to the face of the instrument
3. Using downward strokes, rotate the stone around the toe of the instrument

Sharpening the face of dental instruments

Sharpening the face of periodontal instruments is only recommended for removing a roughened edge because extraneous grinding of the face can weaken the instrument blade.

- For cures and curved sickles, use a conical or cylindrical stone (Arkansas Conical, part number: STN-ARK-CON or India No. 309 part number: STN-IND-CON-309)

1. Place 1 drop of Miltex Honing Oil on the Arkansas or India stone. No lubrication required on ceramic stones.

(Only apply oil if oil was not previously applied to stone or if more lubrication is needed)

2. Place the stone at the junction between the face and shank of the instrument
3. Roll the stone across the face of the instrument, moving toward the toe of the instrument
4. Use as few strokes as possible and light, even pressure

- For straight sickle instruments, use a flat stone (Arkansas No. 4 flat, part number: STN-ARK-FLT-4 or India No.1, part number STN-IND-FLT-1)

1. Place 1 drop of Miltex Honing Oil on the Arkansas or India stone. No lubrication required on ceramic stones.

(Only apply oil if oil was not previously applied to stone or if more lubrication is needed)

2. Place the stone on the entire facial surface of the instrument
3. Move the stone across the facial surface in a back/forth motion
4. Use as few strokes as possible and light, even pressure

CLEANING, STERILIZATION & MAINTENANCE OF INSTRUMENTS

1. HOLDING/PRESOAK

It is important never to hold instruments in a dry container, which allows blood and debris to dry onto instrument surfaces and makes cleaning more difficult. If rinsing and decontamination processes are not immediately available, pre-treat instruments or hold them in a neutral pH holding/presoak enzymatic solution after patient use but before actual cleaning. Miltex Instrument Prep Enzyme Foam (3-760) is a ready to use foaming spray for pre-cleaning of soiled instruments and scopes. Simply spray on instruments until ready for rinsing and disinfection. Also, Miltex EZ-Zyme® (3-750 and 3-755) neutral pH all purpose multi-enzyme concentrate is ideal for instrument presoaking and pre-cleaning. As soon as possible, rinse, disinfect and clean as follows:

2. RINSING

Immediately after surgery, remove organic materials by rinsing instruments under warm (not hot) running water. Rinse should remove most blood fluids and tissue. Do not process dissimilar metals (stainless, copper, chrome plated, etc.) together. Always wear safety protection gear.

3. DISINFECTING

To protect medical personnel from contamination during cleaning, immerse instruments completely in an EPA approved disinfectant for approximately 10-20 minutes. Always closely follow manufacturers' recommended disinfecting time and solution preparation instructions. Then rinse again.

CAUTION: Disinfected instruments are NOT STERILE. Never expose stainless steel instruments to bleach or other corrosive chemicals to disinfect. Exposure to bleach may result in instrument pitting and will void all manufacturer guarantees.

4. CLEANING

All blood, dried body fluids and tissue should be completely removed from the instruments prior to sterilization. Several methods are available.

- A. **Soak:** An enzymatic cleaner bath (soak) such as Miltex EZ-Zyme® (3-750 and 3-755) or a solution of water and neutral pH (7) detergent such as Miltex Surgical Instrument Cleaner (3-720, 3-725 and 3-726) are effective in removing organic material from instruments. Use distilled (demineralized) water if possible. Instruments should be fully submerged for at least 10 minutes. Do not let "sharps" (scissors, knives, osteotomes, etc.) touch each other and also be sure dissimilar metal instruments are separated. Rinse instruments under running water to remove solutions. Change solutions frequently.
- B. **Ultrasonic Cleaning:** Most instrument manufacturers recommend ultrasonic cleaning as the most effective way to clean surgical instruments, particularly those with hinges, box locks, and other moving parts.
 - All instruments must be fully submerged in open position. Use distilled (demineralized) water if possible. Make sure that "sharps" blades do not touch other instruments to prevent possible surface scratching and also be sure dissimilar metal instruments are separated.
 - Process instruments for full recommended ultrasonic cleaning cycle. Change solution frequently, or as often as the manufacturer recommends.
 - Rinse instruments with water to remove the cleaning solution. Miltex EZ-Zyme® (3-750 and 3-755) or Miltex Surgical Instrument Cleaner (3-720, 3-725 and 3-726) can be safely used with all ultrasonic units.
- C. **Automatic Washer Sterilizers:** Follow manufacturers' recommendations but ensure instruments are lubricated after the last rinse cycle and before the sterilization cycle.

CAUTION: Needle holders and forceps may crack if sterilized with ratchet in closed position.
- D. **Manual Cleaning:** If ultrasonic cleaning is not available, observe the following steps:
 - Use stiff nylon cleaning brushes (3-1000). Do not use steel wool or wire brushes except specially recommended stainless steel wire brushes (3-1001) for instrument serrated areas, bone files, burs or on stained areas of knurled handles.
 - Use only neutral pH (7) detergents such as Miltex Surgical Instrument Cleaner (3-720, 3-725 and 3-726). If not rinsed off properly, low pH (acidic - less than 6 pH) detergents break down the stainless protective surface resulting in pitting and/or black staining. High pH detergents (alkaline - more than 8 pH) can cause brown stains (phosphate surface deposit) which can also interfere with the smooth operation of instruments. Most brown stains are not rust and are easily removed with Miltex Surgical Instrument Stain Remover (3-740).
 - Brush delicate instruments carefully, and if possible, separate them from general instruments.
 - Make sure instrument surfaces are visibly clean and free from stains and tissue. Miltex Surgical Instrument Stain Remover (3-740) can help remove residue stains. This is also a good time to inspect each instrument for proper function and condition.
 - Check scissors' blades to ensure proper function. Blades should glide open and closed smoothly. Test cutting performance at 3/4 length of the blade with the following recommended materials. Scissors should cut all the way to the tips. Recommended cutting test materials:
 - Fine/Delicate scissors: Surgical glove
 - Medium scissors: Single layer of stocking/cast netting
 - Large/Utility scissors: Double layer of stocking/cast netting
 - Check forceps (pickups) for proper jaw alignment. Teeth must meet properly - without catching.
 - Check hemostats and needle holders to ensure jaw tips close in first ratchet position and entire jaw should close in third ratchet position. Check instruments for loose hinges and verify that they lock and unlock easily. Also check instruments for wear on jaw surfaces.

- Suction tubes should be clean inside.
- Test Biopsy Punches by punching a clean hole in 3-6 mil thick poly-bag material. If poly-bag material is not available, use tissue paper.
- Retractors should function properly.
- Cutting edge instruments and knives should be sharp and free of damage.
- After scrubbing, rinse instruments thoroughly under running water. While rinsing, open and close scissors, hemostats, needle holders and other hinged instruments to make sure the hinge areas are rinsed out and no debris remain.

5. AFTER CLEANING

Separate dissimilar metals prior to sterilizing/autoclaving. If instruments are to be stored, let them air-dry and store them in a clean and dry environment.

6. AUTOCLAVING

- A. **Lubricate all hinged instruments** which have any "metal to metal" action, at the screw or box lock. A non-silicone, water-soluble surgical lubricant such as Miltex Lube (3-700 or 3-705) is recommended. Do not use industrial oils or lubricants.
- B. **Sterilize instruments** either individually or in sets.
- **Individual Instruments:** Disposable paper or plastic pouches are ideal. Make sure to use a wide enough pouch for instruments with ratchet locks so instruments can be sterilized in an open (unlocked) position. Instruments locked during autoclaving can experience cracked hinges (box locks) or other problems because of heat expansion. If wrapping instruments, make sure the towel does not contain detergent residue, which can stain instruments.
 - **Instrument Sets:** Unlock all instruments and sterilize in an open position. Place heavy instruments on the bottom of set (when two layers are required). Do not overload the chamber because an air pocket may form that hinders steam penetration.

CAUTION: With most portable tabletop autoclaves, at the end of the autoclave cycle and before the drying cycle, unlock the door and open it no more than a crack, about 1/4" (6.4 mm). Then run the dry cycle for the period recommended by the autoclave manufacturer. If the autoclave door is fully opened before the drying cycle, cold room air will rush into the chamber causing condensation on the instruments that may result in water stains or cause wet packs. Make sure autoclave filters and chambers are cleaned as recommended by the manufacturer. Miltex Surgical Instrument Stain Remover (3-740) is effective in removing stains and cleaning the autoclave chamber. If you have any unusual staining on your instruments after sterilization, obtain our Instrument Care System Video tape (3-810) or contact your local Miltex representative.

7. CHEMICAL/COLD STERILIZATION

Most chemical/cold sterilization solutions render instruments sterile only after 10-hour immersion. This prolonged chemical action can be more detrimental than the usual 20-minute autoclave cycle. If the instruments need to be "disinfected" only, a chemical/cold sterilization soak is acceptable, as disinfection will take approximately 10 minutes or more. Check manufacturers' specifications. Also see our warning in using bleach (paragraph 3).

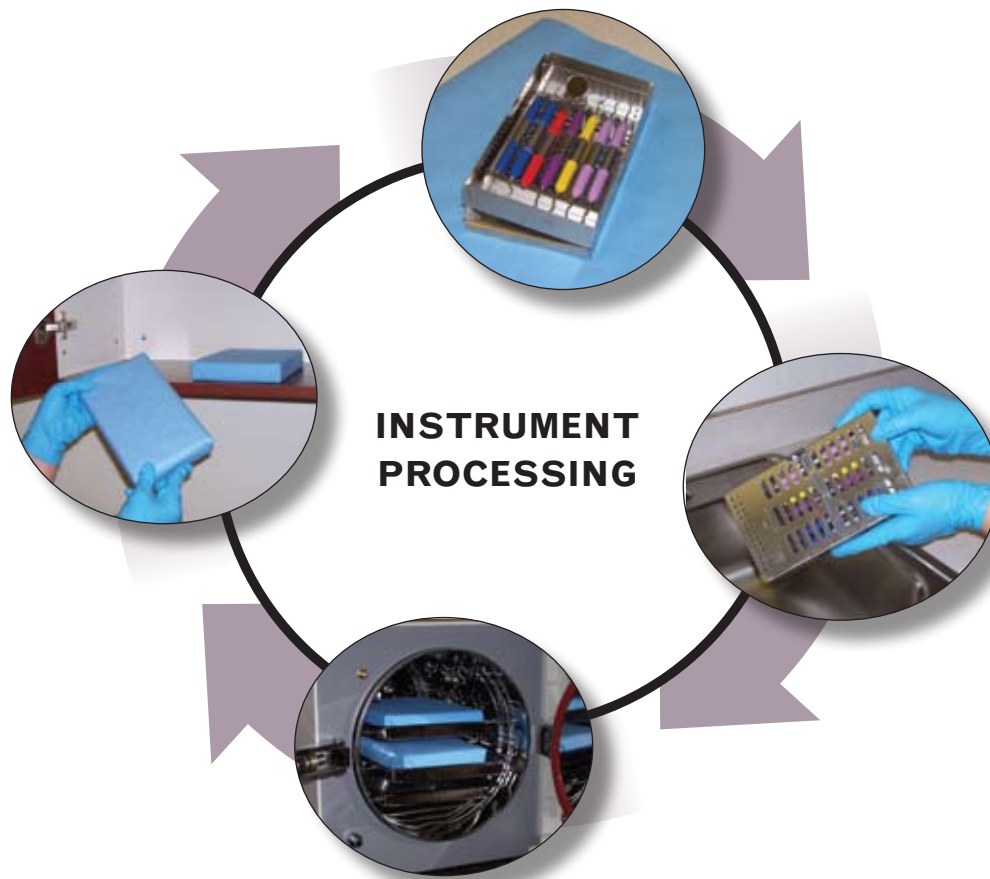
Keep in mind the difference between:

- **Sterile** - an absolute term (no living organism survives)
- **Disinfected** - basically clean. Some organisms may survive. Always use the proper sterilization/cleaning technique to render the instrument in the required condition for use.

CAUTION: For instruments with tungsten carbide insert jaws, we do not recommend use of chemical/cold sterilization solutions, which may deteriorate the instrument's jaw.

For proper instrument care we recommend these Miltex products to safeguard and care for your quality instruments.

REF	Description	Use During
3-760	Instrument Prep Enzyme Foam 24 oz. spray	• Holding & presoak
3-750	EZ-Zyme®, All Purpose Enzyme Cleaner Box 32 - 3/4 oz. packets	• Holding & presoak • Soak cleaning • Ultrasonic cleaning • Manual cleaning • Laundry presoak
3-755	EZ-Zyme®, All Purpose Enzyme Cleaner 1-gallon pump bottle	
3-700	Spray Lube 8 oz. spray bottle	• Before autoclaving
3-705	Surgical Instrument Lubricant 1-gallon pump bottle	
3-710	Surgical Instrument Cleaner & Lubricant - 1-gallon pump bottle	• Manual cleaning • Washer/decontaminator • Ultrasonic cleaning
3-720	Surgical Instrument Cleaner 8 oz. spray bottle	• Soak cleaning • Ultrasonic cleaning • Manual cleaning
3-725	Surgical Instrument Cleaner 1-gallon pump bottle	
3-726	Surgical Instrument Cleaner Box 80 - 1/4 oz. packets	
3-740	Surgical Instrument Stain Remover 3 oz. jar	• Stain removal
3-1000	Nylon Instrument Cleaning Brushes 3-pack	• Manual cleaning of instruments
3-1001	Stainless Steel Instrument Cleaning Brushes 3-pack	
3-800	Instrument Care System	• Complete instrument care
3-810	Instrument Care DVD	• Training personnel in the care of instruments



Instrument Processing – Keep it Simple and Safe

1. **Chairside Use**
 - a. Use instruments as recommended for procedure
 - b. After procedure is complete, wipe off instruments and place them back into Thompson cassettes
 - c. Dispose of cotton rolls, gauze and autoclave wrap
 - d. Fold and close the cassette lid
2. **Cleaning**
 - a. Add Miltex EZ-Zyme (3-750, 3-755) or Surgical Instrument Cleaner (3-725, 3-726) into the Ultrasonic cleaner
 - b. Add hot tap water as directed
 - c. Place Thompson cassettes into Ultrasonic cleaner (see the attached cassette compatibility chart)
 - d. Place lid on Ultrasonic unit and process instruments for full recommended cleaning cycle
(Note: Change solution frequently, or as often as the manufacturer recommends)
 - e. Remove Thompson cassettes. Rinse thoroughly under warm water
 - f. Allow Thompson cassettes and instruments to dry

Thompson™ Cassettes & Ultrasonic Compatibility

Company Name				Model Name/#		Capacity (Gal.)		Chamber		Thompson™ Standard Cassettes														Thompson™ Specialty Cassettes									
Adcc	Miele G 7881	NA	18.5 X 20.5 X 20.5	Slimline 7	Slimline7 Ext	Slimline 14	Thompson 5	Thompson 7	Thompson 9	Thompson 10	Thompson 14	Thompson 16	Thompson 22	Thompson 26	STDSTAT	STDSTAT8	STDORTH0	STDORTHOS	STDBOS	STDBOM	STDBOL	Handpiece	STDPB										
Harvey	MDT Vibratecan	3.75	11.3 X 8 X 9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
L & R	Quantrex Q390	0.5	5.8 X 5.3 X 4.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Quantrex Q140	0.8	9.3 X 5.3 X 4.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Quantrex Q210	1.5	11.75 X 6.0 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Quantrex Q280	1.75	11.75 X 9.3 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Quantrex Q310	3.25	15.5 X 9.0 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Miele	Quantrex Q360	3.65	11.5 X 9.25 X 8.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Quantrex Q650	9.5	19.75 X 11.75 X 6.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	G 7781	NA	19.6 X 21 X 19.6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Midmark	Soniclean M150	1.5	11.5 X 6 X 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Soniclean M250	2.5	11.5 X 9.5 X 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Sci-Can	Soniclean M550	5.5	19.5 X 11.5 X 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Hydrim C51w	NA	18.25 X 23.6 X 18.75	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Sonix IV	Hydrim L110w	NA	19 X 15.25 X 24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	SSI92	0.15	6.0 X 3.2 X 2.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ST136	1.6	11.5 X 5.5 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	SSI02	2.3	19.5 X 5.5 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ST126	2.7	11.5 X 9.5 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ST116	5.5	19.5 X 11.5 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Porter	ST118	7.8	19.5 X 11.5 X 8.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	SSI10	0.3	5.5 X 5.0 X 2.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Schein	ST164H	0.5	5.5 X 5.0 X 4.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	SSI17	0.9	9.5 X 5.5 X 4.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Sci-Can	SSI18	1.25	9.5 X 5.5 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ST128	3.4	11.5 X 9.5 X 8.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Sullian	SEI34	3.4	11.5 X 9.5 X 8.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ST236	3.6	12.8 X 11.5 X 6.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ProSonic Petite	0.5	6.5 X 3.5 X 2.25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ProSonic 300	0.75	9.5 X 5.5 X 4.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Quatra	ProSonic 600	1.5	11.5 X 6 X 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ProSonic 1000	2.5	11.5 X 9.5 X 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	ProSonic 2000	5.5	19.5 X 11.5 X 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
Whaledent	5002	0.84	9.4 X 5.4 X 4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Sweep 5200	1.12	11.75 X 6 X 4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	5010	3.25	15.5 X 9 X 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	Sweep 5300	3.25	15.5 X 9 X 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
UC300R	5050	6.5	19.75 X 11.75 X 6.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	UC100	1.25	11.5 X 6 X 4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
UC300R	UC300	3	14 X 9 X 6.75	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
	UC300R	3	14 X 9 X 6.75	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										

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DFG710831	DHP1/2.....28	DKF25/06.....44	DRA556.....28
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FE17	8	STN-IND-CON-30986		UE45	57	VSTSN	84
FE2	10	STN-IND-FLT-1 ..	86	UE50	57	VSTSP	84
FE23	8	STN-IND-WDG-686		UE50NT	57	VSTSR	84
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FE4	10	TF13	56	UE60	57	VSTSW	84
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GC62	36	TFD6080N	56	UF100	56		
GC81	36	TFD6080NXL	56	UF100X	55		
GC82	36	TFR120140X	55	UF110	56		
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MILTEX WARRANTY

INSTRUMENTS AND PRODUCTS

Miltex hereby warrants all Miltex products purchased directly from Miltex or an Authorized Dealer in accordance with the following terms and conditions:

All Miltex instruments and products are guaranteed to be free from defects in material and workmanship when used for their intended surgical or dental purpose. Any Miltex product that proves defective in workmanship or material will either be repaired or replaced, at Miltex's discretion, without charge. Products not purchased from an authorized source may not be authentic or meet Miltex's quality standards and may have been tampered with.

Other Instrument and Product Warranties:

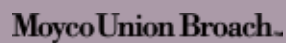
- . Union Broach Chiropractic Mallet – 90 days
- . Union Broach Electrical Devices – 1 year except for Sprint TCM – 2 years
- . Cassettes - 4-year warranty on all moving parts and lifetime guarantee against corrosion

REPAIRS

Instruments and products repaired by the Miltex Instrument Repair Service are guaranteed to be free from defects in material and workmanship for 90 days when used for their intended surgical or dental purpose. Any Miltex repair that proves defective in workmanship or material within this 90-day period will either be repaired again or replaced, at Miltex's discretion, without charge. Instruments must be cleaned and sterilized prior to returning to Miltex for repair.

WARRANTY EXCEPTIONS

This warranty is void for Miltex instruments and products serviced by any person or facility other than the Miltex Instrument Repair Services. Any custom made, custom etched or neutralized products are not returnable. Warranties are not valid for Miltex instruments and products that prove defective as a result of improper care and cleaning or misuse. Instruments or products that are damaged in fire, flood or other acts or disasters are also excluded from warranty. Except as set forth in these Terms and Conditions, Miltex makes no other representations and warranties regarding its instruments or products, either expressed or implied. In addition, in no event will Miltex be liable for any incidental, special or exemplary damages or loss of profits in connection with the use of Miltex instruments and products.



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