

Miltex[®]
Redefining Excellence



PODIATRY INSTRUMENTS

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INTEGRA™ MILTEX® PODIATRY INSTRUMENTS

The Integra™ Miltex® name is synonymous with unparalleled quality and service to our customers and surgical instrumentation produced with the utmost attention to consistent detail.

The surgical “feel” of Integra™ Miltex® instruments, the superb cutting ability, the smoothly beveled box locks and jaw edges are just a few features that differentiate and make Integra™ Miltex® products outperform and stand-out from the competition.

These quality Podiatric Instruments include a comprehensive offering of Nail Nippers & Splitters, Cuticle Nippers, Curettes, Specialty Hand Instruments & Scissors, Sterile Disposable Blades and Biopsy Instruments, Care & Cleaning Products and other related surgical offerings.

The Integra™ Miltex® instrument selections recognize and meet the variety of clinical needs for all specialties including General Surgery, Plastic Surgery, Dermatology, Orthopedics, Foot and Ankle.

Special thanks to Dr. Michael B. Younes, DPM of Martin Foot & Ankle, York, PA, and Dr. Bradley Bakotic, DPM, DO, of Dermpath Diagnostics, a division of AmeriPath, for their contributions to our new Podiatry Catalog.



General Information:

Surgical instruments shown in this catalog are made of high quality surgical grade stainless steel, unless otherwise noted.

Illustrations and content provide general description only and may be subject to change.

Some products in this catalog may not be available for sale in the European Union.

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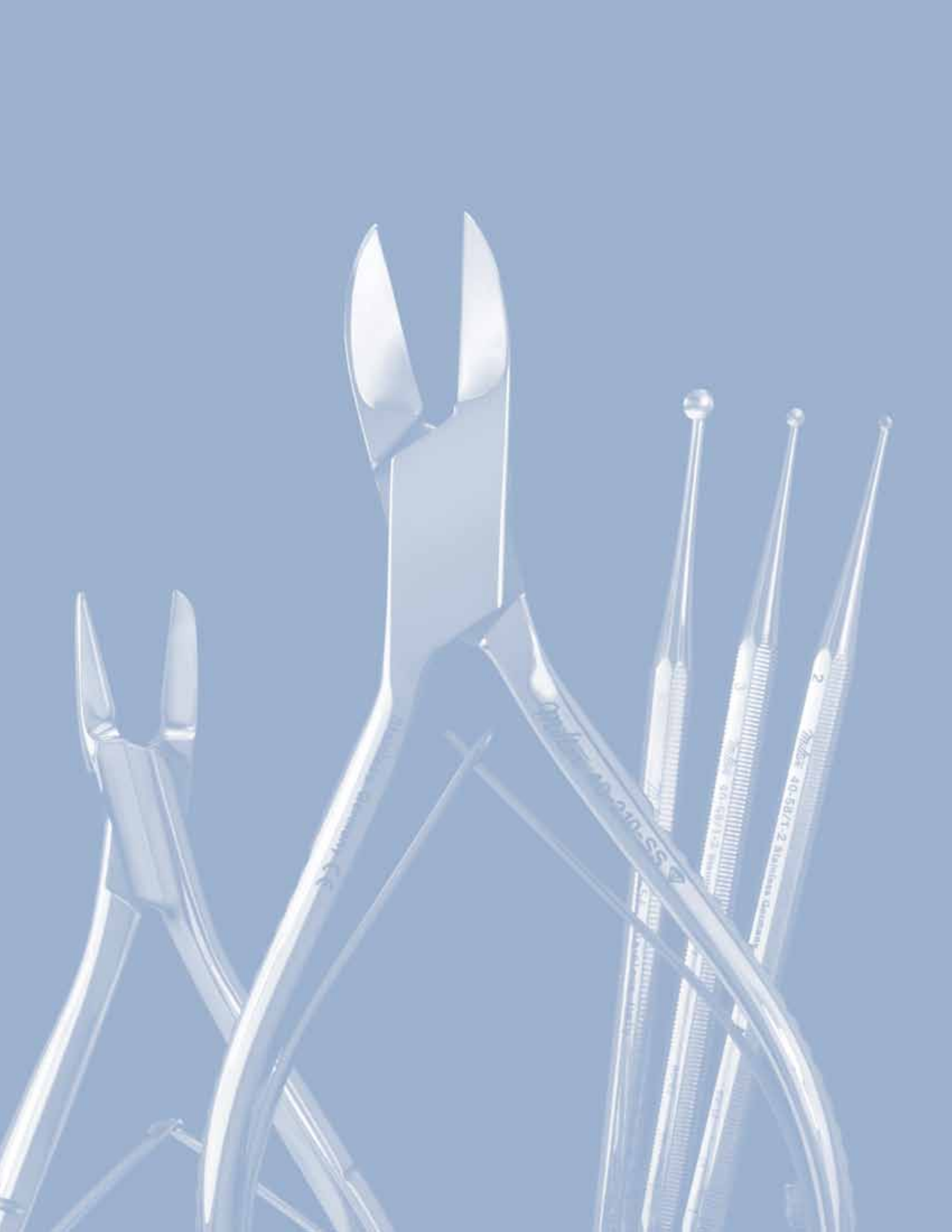
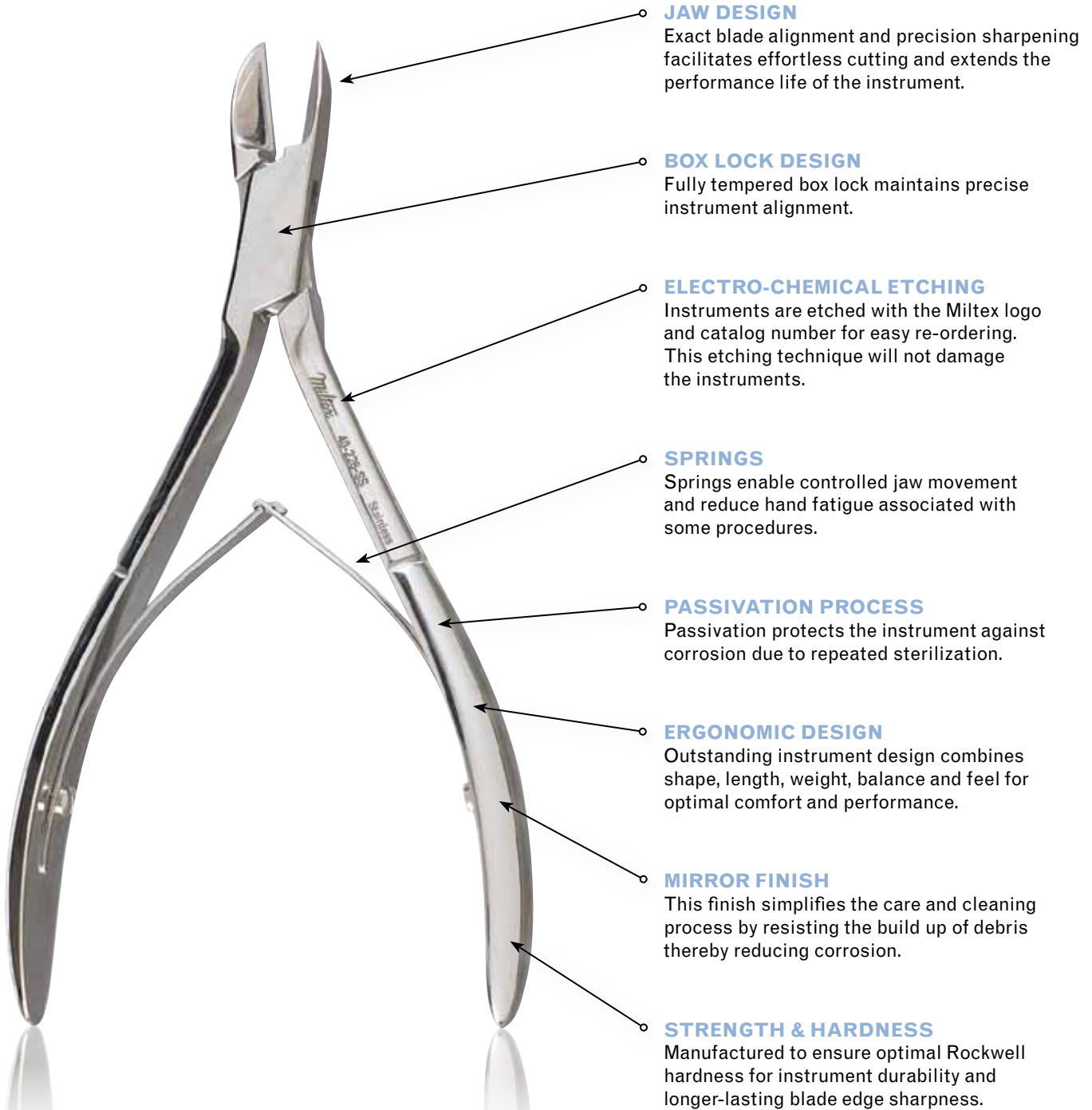


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ANATOMY OF A MILTEX® NAIL INSTRUMENT



JAW DESIGN

Exact blade alignment and precision sharpening facilitates effortless cutting and extends the performance life of the instrument.

BOX LOCK DESIGN

Fully tempered box lock maintains precise instrument alignment.

ELECTRO-CHEMICAL ETCHING

Instruments are etched with the Miltex logo and catalog number for easy re-ordering. This etching technique will not damage the instruments.

SPRINGS

Springs enable controlled jaw movement and reduce hand fatigue associated with some procedures.

PASSIVATION PROCESS

Passivation protects the instrument against corrosion due to repeated sterilization.

ERGONOMIC DESIGN

Outstanding instrument design combines shape, length, weight, balance and feel for optimal comfort and performance.

MIRROR FINISH

This finish simplifies the care and cleaning process by resisting the build up of debris thereby reducing corrosion.

STRENGTH & HARDNESS

Manufactured to ensure optimal Rockwell hardness for instrument durability and longer-lasting blade edge sharpness.

Concave/curved nippers help reduce excessive motion by the provider to reach nail borders.



REF	Description
40-210-SS	Nail Nipper, 5-1/2" (14 cm), concave jaws, double spring, stainless
40-212-SS	Nail Nipper, 5-1/2" (14 cm), straight jaws, double spring, stainless
40-215-SS	Nail Nipper, 5-1/2" (14 cm), angled concave jaws, double spring, stainless
40-217	Nail Nipper, 5" (12.7 cm), concave jaws, double spring, stainless

IMPORTANT: For optimal performance and to reduce spring breakage, it is crucial that instrument cutting edges be sharpened by the manufacturer every 6-8 months. This may vary depending on usage rate and number of times instruments are cycled. See page 48 for Service Repair and Return Instructions.

Items in **bold** represent the most popular patterns.



REF	Description
40-224	Nail Nipper, 4" (10.2 cm), straight jaws, double spring, stainless
40-225-SS	Nail Nipper, 4-1/2" (11.4 cm), straight jaws, double spring, stainless
40-225A	Nail Nipper, 4-1/2" (11.4 cm), delicate straight jaws, double spring, stainless
40-226-SS	Nail Nipper, 5" (12.7 cm), straight jaws, double spring, stainless
40-226A	Nail Nipper, 5" (12.7 cm), straight jaws, extra narrow, double spring, stainless
40-227-SS	Nail Nipper, 6" (15.2 cm), straight jaws, double spring, stainless
40-228	Nail Nipper, 6" (15.2 cm), straight jaws, extra narrow, double spring, stainless
40204	Wing-Grip™ Nail Nipper, 4-1/2" (11.4 cm), curved jaws NEW!
40208	Wing-Grip™ Nail Nipper, 5" (12.7 cm), curved jaws NEW!

IMPORTANT: Prior to every sterilization and to maintain longevity, instruments with box-lock design should be cleaned using the Miltex® Instrument Nylon Brush (REF# 3-1000) and lubricated with Miltex® Spray Lube (REF# 3-700)

Items in **bold** represent the most popular patterns.

Ideal for Mycotic nails.
Concave/curved nippers minimize
soft tissue infiltration and destruction.



40-218

40-218PT

40-219

40-219PT

REF	Description
40-218	Double Action Nail Nipper, 6" (15.2 cm), straight jaws, stainless (ideal for mycotic nails)
40-218PT	Double Action Nail Nipper, Petite, 4-1/2" (11.4 cm), straight jaws, stainless
40-219	Double Action Nail Nipper, 6" (15.2 cm), concave jaws, stainless
40-219PT	Double Action Nail Nipper, Petite, 4-1/2" (11.4 cm), concave jaws, stainless

Items in **bold** represent the most popular patterns.

English Anvil Nail Splitter eliminates plate lysis from nail bed and minimizes secondary mycotic infections. Ideal for Dystrophic Onychocryptotic nail.



40-230



40-234
40-235

REF	Description
40-230	Nail Splitter, 5" (12.7 cm), English Anvil pattern, double spring, stainless
40-234	Platypus Nail Pulling Forceps, 5-1/2" (14 cm), standard width jaws, stainless
40-235	Platypus Nail Pulling Forceps, 5-1/2" (14 cm), narrow jaws, stainless

Items in **bold** represent the most popular patterns.

Ideal for Mycotic Nails.
Versatile for both bone nipping and nail cutting.
Thicker gauge prevents tips from splitting.
Double Action Forceps are ideal for small hands and to combat fatigue.
Useful in Hypertrophic bone/soft tissue proliferation.



40-1308

21-626

21-628

REF	Description
40-1308	LISTON-BLAU Bone Cutting Forceps, 5-1/2" (14 cm), straight narrow blades
21-626	RUSKIN (KLEINERT-KUTZ) Bone Splitting Forceps, 5-3/4" (14.6 cm), straight
21-627	RUSKIN (KLEINERT-KUTZ) Bone Splitting Forceps, 5-3/4" (14.6 cm), curved
25-384	RUSKIN Bone Cutting Forceps, 7-1/2" (19.1 cm), straight standard blades
25-385	RUSKIN Bone Cutting Forceps, 7-1/2" (19.1 cm), slightly angled standard blades
21-628	RUSKIN (ROWLAND) Nasal Hump Forceps, 7" (17.8 cm), double action, narrow jaws

Useful on ulcers with peripheral hyperkeratosis.



40-245-SS



40-250-SS
40-251-SS



40-252

REF	Description
40-245-SS	Tissue and Cuticle Nipper, 4" (10.2 cm), convex jaws, stainless
40-250-SS	Tissue and Cuticle Nipper, 4-1/2" (11.4 cm), convex jaws, stainless
40-251-SS	Tissue and Cuticle Nipper, 5" (12.7 cm), convex jaws, stainless
40-252	Tissue and Cuticle Nipper, 5" (12.7 cm), convex jaws, heavy pattern, stainless

IMPORTANT: Removing scalpel blades or cutting wire using nippers and/or splitters will nick and dull the blade edges and void all warranties.

Items in **bold** represent the most popular patterns.

Expertly crafted from surgical grade stainless steel German forgings and of the very highest Operating Room quality standards and specifications. This new instrument line is advantageously priced while offering greater quality and value compared to instruments from any other source.

MeisterHand[®] By Miltex[®]



MH40-210-SS



MH40-212-SS



MH40-224



MH40-225-SS



MH40-226A

REF	Description
MH40-210-SS	Nail Nipper, 5-3/4" (14.6 cm), concave, stainless steel
MH40-212-SS	Nail Nipper, 5-3/4" (14.6 cm), straight, stainless steel
MH40-224	Nail Nipper, 4" (10.2 cm), straight, stainless steel
MH40-225-SS	Nail Nipper, 4-1/2" (11.4 cm), straight, stainless steel
MH40-226A	Nail Nipper, 5" (12.7 cm), delicate, straight, stainless steel

MeisterHand By Miltex



MH40-226-SS



MH40-227-SS



MH40-230



MH40-245-SS



MH40-250-SS

REF	Description
MH40-226-SS	Nail Nipper, 5" (12.7 cm), straight, stainless steel
MH40-227-SS	Nail Nipper, 6" (15.2 cm), heavy, straight, stainless steel
MH40-230	Nail Splitter, 5" (12.7 cm), english anvil, stainless steel
MH40-245-SS	Tissue & Cuticle Nipper, 4" (10.2 cm), convex, stainless steel
MH40-250-SS	Tissue & Cuticle Nipper, 4-1/2" (11.4 cm), stainless steel

The Miltex® brand is recognized as a Premium Grade and expertly manufactured German instrument.

IMPORTANT: Corrosion and/or discoloration may occur if stainless steel and other dissimilar metals (e.g., chrome-plated) are sterilized together. Separate instruments prior to autoclaving.



40-210-CH



40-210-CH
40-212-CH



40-212-CH



40-215-CH



40-225-CH



40-226-CH



40-226-CH



40-227-CH



40-245-CH



40-250-CH
40-251-CH

REF	Description
40-210-CH	Nail Nipper, 5-1/2" (14 cm), concave jaws, double spring, chrome
40-212-CH	Nail Nipper, 5-1/2" (14 cm), straight jaws, double spring, chrome
40-215-CH	Nail Nipper, 5-1/2" (14 cm), angled concave jaws, double spring, chrome
40-225-CH	Nail Nipper, 4-1/2" (11.4 cm), straight jaws, single spring, chrome
40-226-CH	Nail Nipper, 5" (12.7 cm), straight jaws, single spring, chrome
40-227-CH	Nail Nipper, 6" (15.2 cm), straight jaws, single spring, chrome
40-245-CH	Tissue and Cuticle Nipper, 4" (10.2 cm), convex jaws, double spring, chrome
40-250-CH	Tissue and Cuticle Nipper, 4-1/2" (11.4 cm), convex jaws, double spring, chrome
40-251-CH	Tissue and Cuticle Nipper, 5" (12.7 cm), convex jaws, double spring, chrome

Chrome Instruments are ideal for home care patient maintenance.

IMPORTANT: Corrosion and/or discoloration can occur if stainless steel and other dissimilar metals (e.g., chrome-plated) are sterilized together. Separate instruments prior to autoclaving.



40-200



40-205
40-207



40-220



40-425



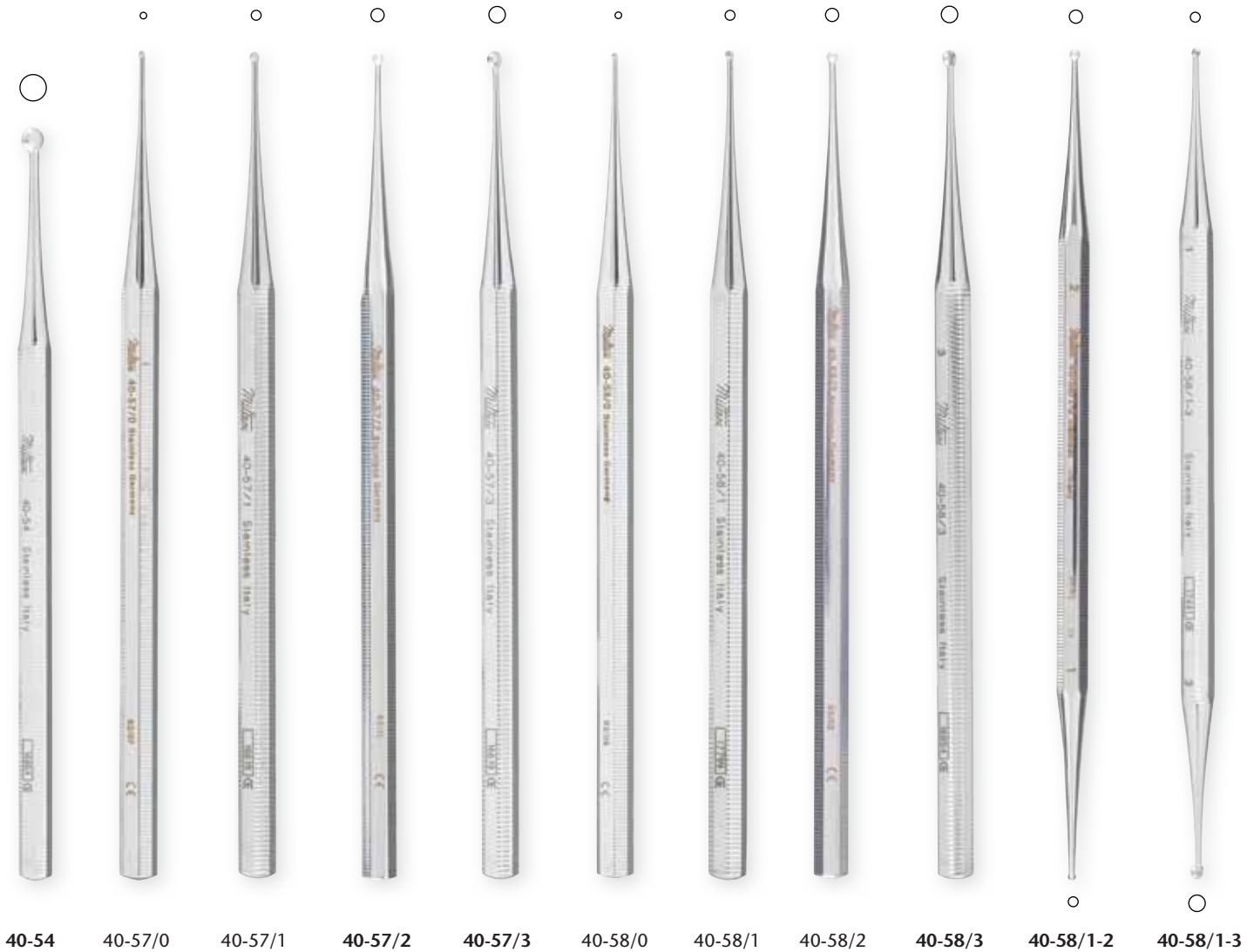
40-435



40-445

REF	Description
40-200	Nail Nipper, 4-1/2" (11.4 cm), concave jaws, single spring, chrome
40-205	Nail Nipper, 4-1/2" (11.4 cm), concave jaws, barrel spring, chrome
40-207	Nail Nipper, 5-1/2" (14 cm), concave jaws, barrel spring, chrome
40-220	Tissue and Cuticle Nipper, 4" (10.2 cm), straight jaws, ring handles, chrome
40-425	Nail Scissors, 3-1/2" (8.9 cm), curved blades, chrome
40-435	Cuticle Scissors, 3-1/2" (8.9 cm), curved blades, standard pattern, chrome
40-445	Cuticle Scissors, 3-1/2" (8.9 cm), curved blades, extra delicate, chrome

Removal of hyperkeratotic debris from nail groove.
May be useful to probe abscess sinus tracts.



REF	Description
40-54	MILTEX® Verruca Curette, 5" (12.7 cm), 4 mm cup
40-57/0	Curette without Hole, 5-1/2" (14 cm), extra small, 1 mm diameter
40-57/1	Curette without Hole, 5-1/2" (14 cm), small, 1.5 mm diameter
40-57/2	Curette without Hole, 5-1/2" (14 cm), medium, 2 mm diameter
40-57/3	Curette without Hole, 5-1/2" (14 cm), large, 2.5 mm diameter
40-58/0	Curette with Hole, 5-1/2" (14 cm), extra small, 1 mm diameter
40-58/1	Curette with Hole, 5-1/2" (14 cm), small, 1.5 mm diameter
40-58/2	Curette with Hole, 5-1/2" (14 cm), medium, 2 mm diameter
40-58/3	Curette with Hole, 5-1/2" (14 cm), large, 2.5 mm diameter
40-58/1-2	Curette Excavator, 5-1/2" (14 cm), double end, with holes, 1.5 mm and 2 mm
40-58/1-3	Curette Excavator, 5-1/2" (14 cm), double end, with holes, 1.5 mm and 2.5 mm

Items in bold represent the most popular patterns.



40-07

40-09

40-11

40-15

40-19

40-31

40-43

40-45

40-47

REF	Description
40-07	MILTEX Chisel, 5" (12.7 cm) solid octagon handle, curved, 13 mm edge
40-09	MILTEX Chisel, 5" (12.7 cm) solid octagon handle, curved, 18 mm edge
40-11	MILTEX Chisel, 5" (12.7 cm) solid octagon handle, curved, 8 mm edge
40-15	MILTEX Chisel, 5" (12.7 cm) solid octagon handle, curved, 15 mm edge
40-19	MILTEX Knife, 5" (12.7 cm) solid octagon handle, straight back, 25 mm curved edge
40-31	MILTEX Corn Knife, 5" (12.7 cm) solid octagon handle, heavy, 35 mm blade
40-43	MILTEX Golf Stick Knife, 5" (12.7 cm) solid octagon handle, forward cutting edge
40-45	MILTEX Soft Corn Spoon Knife, 5" (12.7 cm) solid octagon handle, straight blade
40-47	MILTEX Soft Corn Spoon Knife, 5" (12.7 cm) solid octagon handle, curved blade

Items in **bold** represent the most popular patterns.



REF	Description
40-59	Nail Splitter, 5" (12.7 cm), straight, 2 mm wide
40-60	Nail Splitter, 5" (12.7 cm), angled, 2 mm wide
40-61	Nail Splitter, 5" (12.7 cm), straight, 3.5 mm wide
40-62	Nail Splitter, 5" (12.7 cm), angled, 3.5 mm wide
40-67	Hand Chisel, 5" (12.7 cm), curved edge, 6 mm wide
40-69	Elevator, 5" (12.7 cm), curved blade, semi sharp
40-71	Nucleus Knife, 5" (12.7 cm), 2 mm
40-73	Nucleus Knife, 5" (12.7 cm), 3 mm
40-75	Nucleus Knife, 5" (12.7 cm), 4 mm
40-79	Gouge, 5" (12.7 cm), round tip, 2.5 mm wide
40-81	Ingrown Nail Shaver, 5" (12.7 cm), fenestrated blade with inside cutting edge
40-83	Ingrown Nail Cutter, 5" (12.7 cm), sharp hook edge
21-430	MILTEX Tissue Twist Hook, 5-1/2" (14 cm)

Items in **bold** represent the most popular patterns.



REF	Description
40-89	Probe and Excavator, 6" (15.2 cm), blunt probe and blunt hook end
40-90	Packer and Excavator, 5-1/2" (14 cm), 2 X 25 mm packer and blunt hook end
40-91	Spatula and Packer, 6" (15.2 cm), oval spatula 7 mm wide and 2 X 25 mm packer
40-92	Probe and Packer, 6" (15.2 cm), blunt probe and 2 X 25 mm packer
40-93	Nail or Bone Rasp, 6-3/4" (17.1 cm), double end, backwards cutting
40-94	LOCKE Elevator, 4-1/2" (11.4 cm), small blade, 3 X 15 mm
40-96	LOCKE Elevator, 5" (12.7 cm), large blade, 5 X 20 mm

Items in **bold** represent the most popular patterns.

Ideal for sesamoidectomy and releasing plantar capsular adhesions.



9-120

9-122



9D-121

9D-123



9D-132

9D-134



9D-133

9D-135

REF	Description
9-120	MILTEX® Crown and Collar (wire cutting) Scissors, 4-3/4" (12.1 cm), straight, one serrated blade
9-122	MILTEX® Crown and Collar (wire cutting) Scissors, 4-3/4" (12.1 cm), curved, one serrated blade
9D-121	MILTEX® Crown and Collar (wire cutting) Scissors, 4-3/4" (12.1 cm), straight
9D-123	MILTEX® Crown and Collar (wire cutting) Scissors, 4-3/4" (12.1 cm), curved
9D-132	MILTEX® Crown and Collar (wire cutting) Scissors, 4-1/4" (10.8 cm), straight, one serrated blade
9D-134	MILTEX® Crown and Collar (wire cutting) Scissors, 4-1/4" (10.8 cm), curved, one serrated blade
9D-133	MILTEX® Crown and Collar (wire cutting) Scissors, 4-1/4" (10.8 cm), straight
9D-135	MILTEX® Crown and Collar (wire cutting) Scissors, 4-1/4" (10.8 cm), curved



REF	Description
40-260	Ingrown Nail Splitting Scissors, 6" (15.2 cm), stainless
40-460	Moleskin and Felt Scissors, 7-1/2" (19.1 cm), sharp/blunt points, straight
40-465	Moleskin and Felt Scissors, 7-1/2" (19.1 cm), sharp/blunt points, curved
1700	Utility Scissors, 6-1/2" (16.5 cm), straight, sharp/blunt, one serrated blade, extra heavy
1704	Utility Scissors, 6-1/2" (16.5 cm), curved, sharp/blunt, one serrated blade, extra heavy
1702	Utility Scissors, 6-1/2" (16.5 cm), straight, blunt/blunt, one serrated blade, extra heavy
1706	Utility Scissors, 6-1/2" (16.5 cm), curved, blunt/blunt, one serrated blade, extra heavy

Items in **bold** represent the most popular patterns.

Ideal for minimal incision digital exostectomy.



40-1350



40-1351



40-1352

REF	Description
40-1350	SHANNON Handpiece Bone Burs, stainless, standard pattern, no. 43, for regular Handpiece
40-1351	SHANNON Handpiece Bone Burs, stainless, standard pattern, no. 44, for regular Handpiece
40-1352	SHANNON Handpiece Bone Burs, stainless, pattern no. 44, gold titanium nitride coated, for regular Handpiece

Items in **bold** represent the most popular patterns.



40-1370 40-1381 40-1382 40-1385 40-1371 40-1380 40-1375 40-2800 40-2801 40-2802

REF	Description
40-1370	Bone File, double end no. 10 pattern, 7" (17.8 cm), plain serrations
40-1381	Bone File, double end no. 12 HOWARD pattern, 7" (17.8 cm), plain serrations
40-1382	Bone File, double end no. 12A HOWARD pattern, 7" (17.8 cm), one end plain, other end cross serrated
40-1385	Bone File, double end no. 12CA HOWARD BELL pattern, 7" (17.8 cm), cross serrations
40-1371	Bone File, double end no. 33 pattern, 7" (17.8 cm), plain serrations
40-1380	Bone File, double end no. 45 MILLER pattern, 7" (17.8 cm), plain serrations
40-1375	Bone File, double end no. 64 MILLER pattern, 7" (17.8 cm), plain serrations
40-2800	POLOKOFF Bone File, 7-1/4" (18.4 cm), double end, narrow pattern (POL-1)
40-2801	POLOKOFF Bone File, 6" (15.2 cm), short head, fine serrations (POL-2)
40-2802	POLOKOFF Bone File, 6-1/2" (16.5 cm), long head, medium serrations

Items in **bold** represent the most popular patterns.



REF	Description
21-330	JOSEPH Rasp, 6-1/4" (15.9 cm), fine cross serrations
21-338	COTTLE Rasp, 8" (20.3 cm), backward cutting
21-342	MALTZ Nasal Rasp, 7" (17.8 cm), backward cutting
21-343	MALTZ Rasp, 8-1/4" (21 cm), improved double end pattern, forward and backward cutting
21-346	AUFRICHT Glabella Rasp, 7-1/8" (18.1 cm), forward cutting
21-348	AUFRICHT Glabella Rasp, 7-1/8" (18.1 cm), backward cutting
21-352	LEWIS Nasal Rasp, 7-1/2" (19.1 cm), fine teeth, backward cutting
21-354	LEWIS Nasal Rasp, 7-1/2" (19.1 cm), coarse teeth, backward cutting
21-360	GALLAHER Rasp, 6-1/2" (16.5 cm), coarse teeth, straight
21-368	FOMON Rasp, 8-1/4" (21 cm), double ended, 4-sided, fine and coarse teeth, both in flat and convex
21-369	FOMON Rasp, 8-1/4" (21 cm), double ended, coarse
21-370	FOMON Rasp, 8-1/4" (21 cm), double ended, fine

Items in **bold** represent the most popular patterns.



21-62

21-63

21-64

21-68

21-72

26-1403

26-1410

26-1412

REF	Description
21-62	MCKENTY Elevator, 6" (15.2 cm), curved tip, 4 mm wide
21-63	MCKENTY Elevator, 6" (15.2 cm), curved tip, 5 mm wide
21-64	JOSEPH Periosteal Elevator, 7" (17.8 cm), strong curve, 6.5 mm
21-68	FOMON Periosteal Elevator, 6-1/4" (15.9 cm), slightly curved blade, 4.5 mm wide, standard pattern
21-72	COTTLE Skin Elevator, 7-1/2" (19.1 cm), slightly curved blade 9 mm wide
26-1403	CUSHING "Little Joker" Periosteal Elevator, 6" (15.2 cm)
26-1410	LANGENBECK Periosteal Elevator, 7-1/2" (19.1 cm), narrow model, 7 mm wide blunt blade
26-1412	LANGENBECK Periosteal Elevator, 7-1/2" (19.1 cm), wide model, 17 mm wide sharp blade

Items in **bold** represent the most popular patterns.



27-744
27-746

27-752

27-753

27-754

18-1968

DELOHL

DELS23

73-62

REF	Description
27-744	SAYRE Periosteal Elevator, 6-3/4" (17.1 cm), one straight blunt and one curved sharp end
27-746	SAYRE Periosteal Elevator, 6-3/4" (17.1 cm), one straight blunt and one curved blunt end
27-752	CREGO Periosteal Elevator, 8" (20.3 cm), slightly curved blade 7 mm
27-753	CREGO Periosteal Elevator, 8" (20.3 cm), fully curved blade 7 mm
27-754	CREGO Periosteal Elevator, 8" (20.3 cm), fully curved blade 14 mm
18-1968	FREER Elevator, 7" (17.8 cm), double end sharp and blunt blades 5 mm wide
DELOHL	OHL Periosteal Elevator, 7" (17.8 cm), double end, 6 mm wide sharp rounded and pointed blades
DELS23	23 SELDIN Periosteal Elevator, 7-3/4" (19.7 cm), double end, slightly curved blades 10 mm and 13 mm wide
73-62	MILTEX® Periosteal Elevator, 6" (15.2 cm), double end, slightly curved blade 6 mm wide and straight spear point rounded blade 3 mm wide

Items in **bold** represent the most popular patterns.

Releasing plantar plate adhesions.
Assists in freeing the phalanx base during implant surgery.
Deglove metatarsal head.



REF	Description
40-2850	MILTEX® Metatarsal Elevator, 6-3/8" (16.2 cm), blade 9 mm wide
40-2851	MILTEX® Metatarsal Elevator, 6-3/8" (16.2 cm), blade 11 mm wide
40-2852	MILTEX® Metatarsal Elevator, 6-3/8" (16.2 cm), blade 13 mm wide
40-2853	MILTEX® Metatarsal Elevator, 6-3/8" (16.2 cm), blade 15 mm wide
40-2854	MILTEX® Metatarsal Elevator, 6-3/8" (16.2 cm), blade 17 mm wide
40-2855	MILTEX® Metatarsal Elevator Kit, contains 1 of each size

Items in **bold** represent the most popular patterns.



40-1800



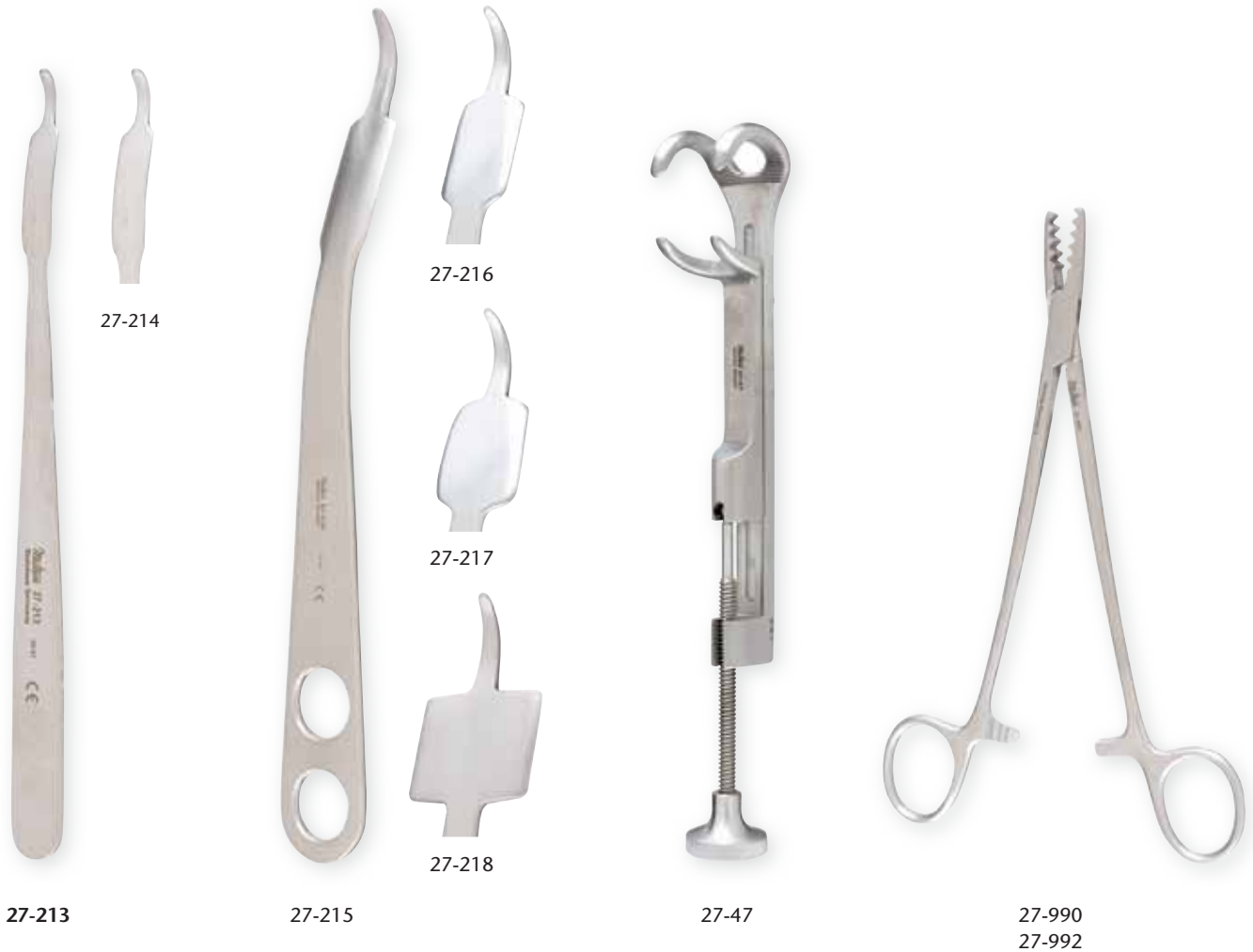
40-1802



27-1016

REF	Description
40-1800	LOCKE Phalangeal Clamp, 6" (15.2 cm)
40-1802	ROSENBLOOM Sesamoidectomy Clamp, 7" (17.8 cm)
27-1016	MILTEX® Tendon Pulling Forceps, 5" (12.7 cm), curved shaft, alligator type

Mini-Hohmann Retractors are ideal for ORIF of metatarsal and fibular fractures.

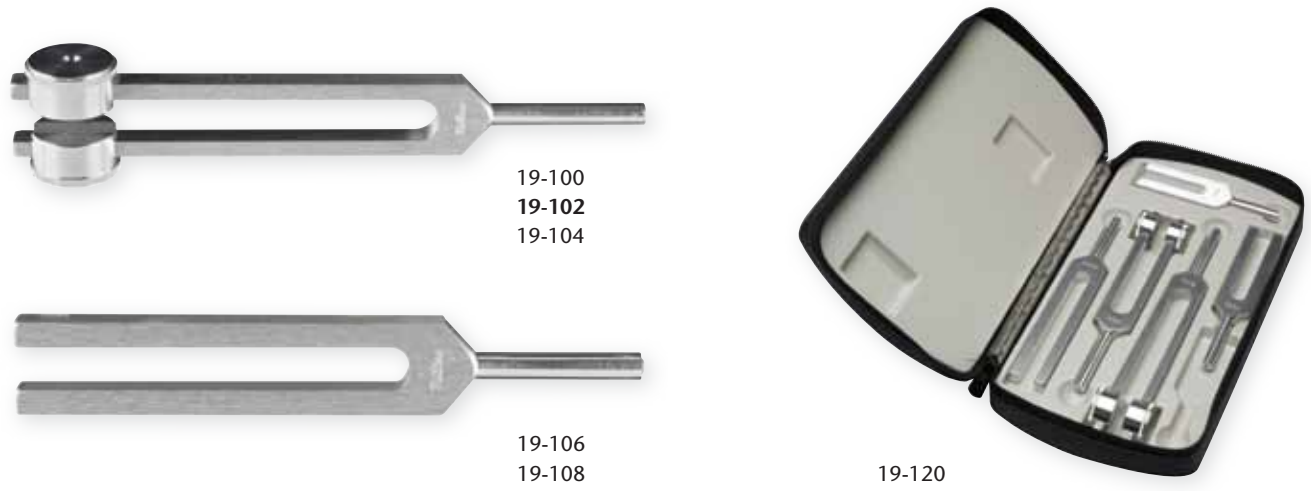


REF	Description
27-213	Mini-HOHMANN Retractor, 6-1/4" (15.9 cm), blade 6 mm wide
27-214	Mini-HOHMANN Retractor, 6-1/4" (15.9 cm), blade 8 mm wide
27-215	HOHMANN Retractor, 9-1/4" (23.5 cm), blade 10 mm wide
27-216	HOHMANN Retractor, 9-1/4" (23.5 cm), blade 18 mm wide
27-217	HOHMANN Retractor, 9-1/4" (23.5 cm), blade 25 mm wide
27-218	HOHMANN Retractor, 9-1/4" (23.5 cm), blade 43 mm wide
27-47	LAMBERT-LOWMAN Bone Clamp, 8" (20.3 cm), 2 X 2 prong jaws 1-3/8" (3.5 cm) wide jaws
27-990	MARTIN Cartilage Clamp, 7" (17.8 cm)
27-992	MARTIN Cartilage Clamp, 8" (20.3 cm)

Items in **bold** represent the most popular patterns.



1-200 1-202 1-220 1-3200 18-660 27-201 1-226



REF	Description
1-200	TAYLOR Percussion Hammer, 7" (17.8 cm), pediatric size, solid handle
1-202	TAYLOR Percussion Hammer, 7-1/2" (19.1 cm), standard size, solid handle, chrome
1-220	BUCK Neurological Hammer, 7-3/4" (19.7 cm), with brush and needle (screw into handle), chrome
1-3200	MILTEX® Fiberglass Tape Measure, 1/4" (6.4 mm) wide, graduated to 60" (152.4 cm) on one side, to 150 cm on other side. Plastic case with pushbutton tape return
18-660	Flexible Ruler, stainless, 6" (15.2 cm) X 1/2" (1.3 cm), graduated in 1/32" (0.8 mm) fractions and mm
27-201	MILTEX® Pin and Wire Gauge
1-226	WARTENBERG Neurological Pin Wheel, 7" (17.8 cm)
19-100	MILTEX® Tuning Forks, Aluminum Alloy, C-64 Vibrations
19-102	MILTEX® Tuning Forks, Aluminum Alloy, C-128 Vibrations
19-104	MILTEX® Tuning Forks, Aluminum Alloy, C-256 Vibrations
19-106	MILTEX® Tuning Forks, Aluminum Alloy, C-512 Vibrations
19-108	MILTEX® Tuning Forks, Aluminum Alloy, C-1024 Vibrations
19-120	MILTEX® Tuning Forks, Aluminum Alloy, Set of 5 Tuning Forks, C-128, C-256, C-512, C-1024 and C-2048 in fitted molded vinyl zippered case

Items in **bold** represent the most popular patterns.

Biopsy Punch, Sterile

Now you can have the convenience of disposable punches along with the quality you expect from Miltex. Miltex offers an extensive product line of sterile disposable biopsy punches that are manufactured from the finest grade surgical steel to ensure superior cutting every time.

- Seamless, stainless steel, razor-sharp cutting edges eliminate torn or pulled biopsies
- Ribbed handle provides comfort and control
- Convenience of disposables, single-use
- Sterile, 5-year shelf life
- Sizes clearly marked on each punch
- Individual color-coded blister packs

Biopsy Punch with Plunger System

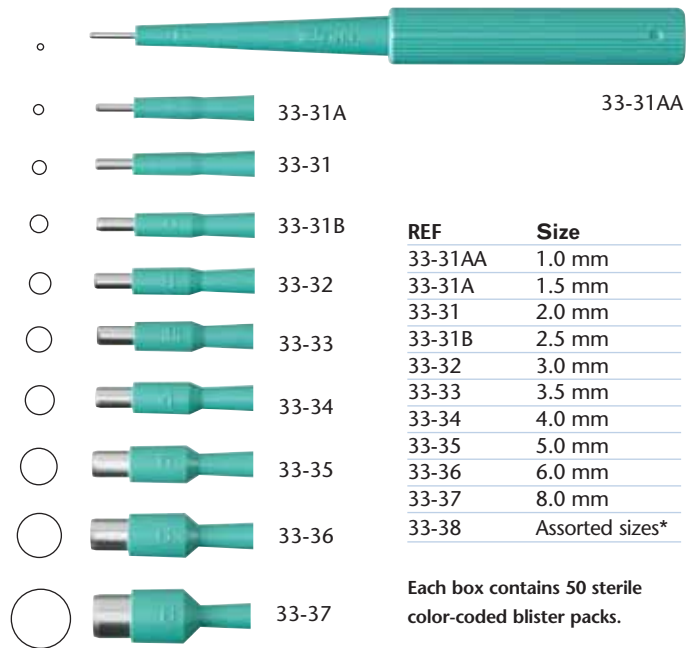
- Effortless ejection of lodged specimens
- Available in boxes of 25
- Color-coded by size - 5 sizes available



REF	Size
33-31AA-P/25	1.0 mm w/plunger
33-31A-P/25	1.5 mm w/plunger
33-31-P/25	2.0 mm w/plunger
33-32-P/25	3.0 mm w/plunger
33-34-P/25	4.0 mm w/plunger

Biopsy Punch, Standard

- Each dispenser box contains 50 punches
- Ten sizes for a wide range of applications
- Assortment box contains 10 each of the following sizes: 2mm, 3mm, 4mm, 5mm, and 6mm



REF	Size
33-31AA	1.0 mm
33-31A	1.5 mm
33-31	2.0 mm
33-31B	2.5 mm
33-32	3.0 mm
33-33	3.5 mm
33-34	4.0 mm
33-35	5.0 mm
33-36	6.0 mm
33-37	8.0 mm
33-38	Assorted sizes*

Each box contains 50 sterile color-coded blister packs.

*10 each of 2mm, 3mm, 4mm, 5mm, and 6mm.

Miltex BiopBlade™, Sterile

- Ideal for skin/tissue saucerization and shave biopsy
- Used in dermatology, podiatry, family practice and plastic surgery
- Incorporates a super sharp blade with rear finger guard
- Flexible design allows the blade to be positioned at any angle for the intended procedure
- Disposable, one-time use only
- Sterile, 5-year shelf life



REF

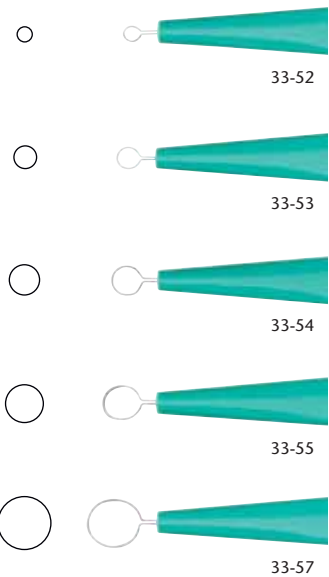
33-100 Miltex BiopBlade™, 50 per box

Dermal Curettes, Sterile

- Seamless, stainless steel, semi-sharp cutting edge featuring a unique symmetrically ground beveled edge
- Textured handle provides better comfort and control
- Sterile, 5-year shelf life
- Individually packaged in peel-apart pouches
- Convenience of disposables, single-use
- Sizes clearly marked on each curette
- Each dispenser box contains 50 curettes
- Five sizes available for a wide range of applications



33-57

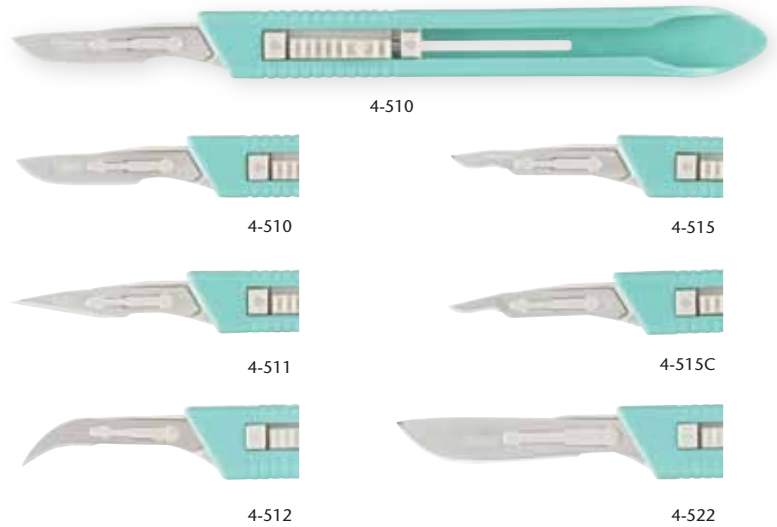


REF	Size
33-52	2.0 mm
33-53	3.0 mm
33-54	4.0 mm
33-55	5.0 mm
33-57	7.0 mm

Safety Scalpels, Sterile

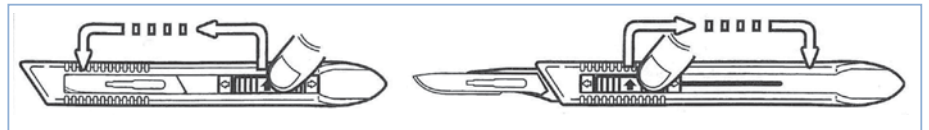
- Complies with OSHA directive for the Needlestick Safety & Prevention Act
- Stainless steel, razor-sharp cutting edge for superior cutting and clean incisions
- Pre-assembled, fully retractable scalpel blade is user activated
- Sterile, 5-year shelf life
- Individually packaged in sealed peel-apart pouches
- Convenience of disposables, single-use
- Metric ruler on each scalpel to assist in determining incision length
- Sizes clearly marked on each scalpel blade
- Each dispenser box contains 10 safety scalpels
- Six sizes available

REF	Size
4-510	10
4-511	11
4-512	12
4-515	15
4-515C	15C Angled Blade
4-522	22



Directions For Use

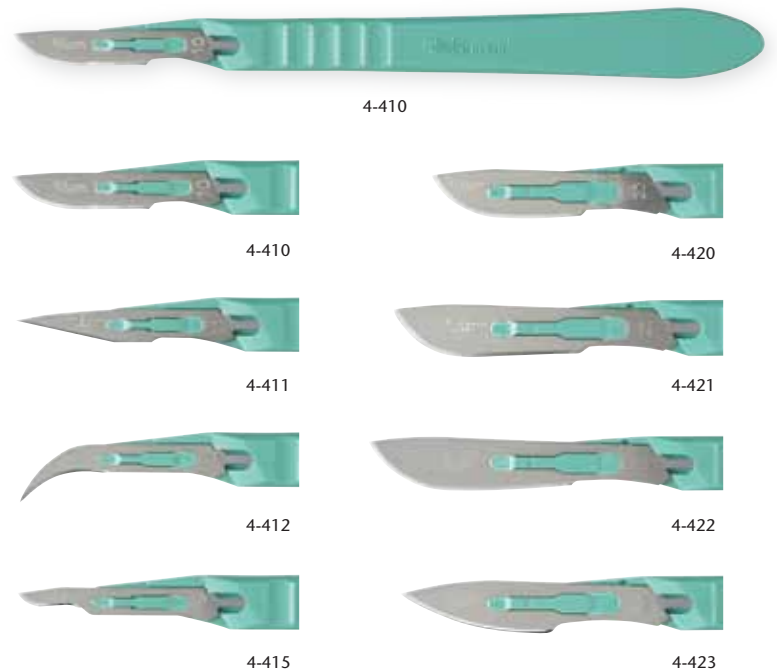
Gently push slider to right and completely forward in one simple motion. Blade locks into place with audible confirmation. To retract, push slider to right and back to return blade to original protected position.



Scalpels, Standard, Sterile

- Stainless steel, razor-sharp cutting edge for superior cutting and clean incisions
- Safety sleeve for blade protects you and the blade
- Sterile, 5-year shelf life
- Individually packaged in sealed peel-apart pouches
- Convenience of disposables, single-use
- Sizes clearly marked on each scalpel blade
- Each dispenser box contains 10 scalpels
- Eight sizes available

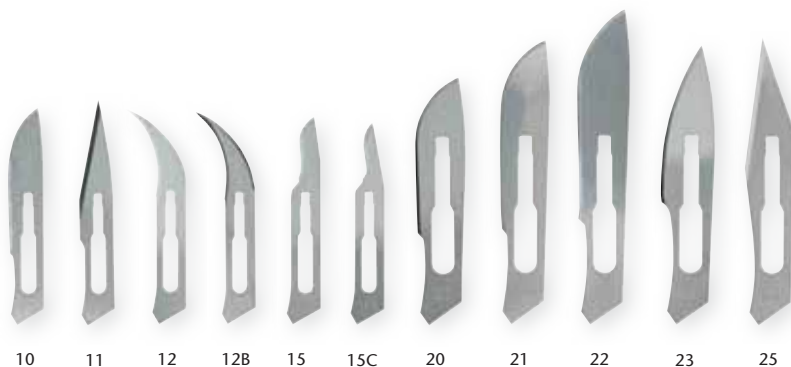
REF	Size
4-410	10
4-411	11
4-412	12
4-415	15
4-420	20
4-421	21
4-422	22
4-423	23



Surgical Blades, Sterile

Carbon or Stainless Steel

- Razor-sharp cutting edges for superior cutting and clean incisions
- Sterile, 5-year shelf life
- Individually packaged in foil peel packs
- Convenience of disposables, single-use
- Sizes clearly marked on each blade
- Available in carbon and stainless steel
- Each dispenser box contains 100 blades
- Eleven sizes available



CS*	SS**	
REF	REF	Size
4-110	4-310	10
4-111	4-311	11
4-112	4-312	12
4-112B	4-312B	12B
4-115	4-315	15
4-115C	4-315C	15C

CS*	SS**	
REF.	REF	Size
4-120	4-320	20
4-121	4-321	21
4-122	4-322	22
4-123	4-323	23
4-125	4-325	25

*Carbon Steel ** Stainless Steel

*Carbon Steel ** Stainless Steel
 ΔB is a double edged blade
 ΔΔC is an angled blade

Scalpel Handles

For your convenience, Miltex, Inc. offers a wide array of scalpel blade handles and the Miltex® Blade Safe Remover to aid in the safe removal of blades and to help protect against accidental cuts and punctures.

REF	Description	Fits Blades	Fits Blades
		10-15C	20-25
4-7	No. 3, stainless steel 5" graduated in mm and cm	x	-
4-7R	No. 3, Nickel 5" graduated in mm and cm	x	-
4-8	No. 4, stainless steel 5.375" graduated in mm and cm	-	x
4-8R	No. 4, Nickel 5.375" graduated in mm and cm	-	x
4-9	No. 7, stainless steel 6.5"	x	-
4-10*	No. 3L, stainless steel 8.5"	x	-
4-11*	No. 4L, stainless steel 8.5"	-	x
4-12*	No. 3LA, stainless steel, angled 8.5"	x	-
4-16	No. 9, stainless steel 4.5"	x	-
4-17	Siegel, stainless steel, round handle 5.75"	x	-
4-18	No. 5, plastic handle 5", green	x	-
4-20	No. 6, plastic handle 5.25", red	-	x
4-30**	No. 3, fitting blades 5.5", grey	x	-
4-31**	No. 4, fitting blades 5.5", blue	-	x
4-400***	Miniature Blade Handle w/chuck 3-3/4", round knurled (3K type)		
4-401***	Miniature Blade Handle w/self-locking chuck, 3-3/4", round knurled (3K type)		
4-405***	Self-locking chisel blade handle, stainless steel 5.31"		
4-100	Blade Safe surgical blade remover for any style handle		



* For deep surgery

** EZ-OFF reusable plastic knife handles, autoclavable, permitting quick and safe removal of blade, 10/box

*** Fits Mini Blade (blades not available from Miltex, Inc.)

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 instrumentation.

MILTEX® Instrument Prep Enzyme Foam

Ready-to-use foaming spray for pre-cleaning of soiled instruments and scopes (rigid or flexible). Ideal for applications where instrument cleaning is not immediately available. Simply spray on instruments until ready for decontamination and cleaning.

REF	Description
3-760	24 oz. (0.71 liter) spray bottles (case of 12)*



3-760

MILTEX® EZ-ZYME® All Purpose Enzyme Cleaner

Ideal for cleaning hard to remove proteinaceous (mucus & tissue) and lipid (fatty) materials from the surfaces of surgical and dental instruments, linen, water submersible equipment, or where mechanical scrubbing is impractical.

- Easy to Use
- Neutral pH
- Multi-use as an instrument presoak, ultrasonic cleaner, laundry presoak and evacuation system cleaner
- Space-saving or bulk packaging options

REF	Description
3-750	3/4 oz. (22 ml) packets (dispenser box of 32) Contents of 1-box makes 32 gallons of solution
3-755	1-gallon bottle (3.79 liter) Contents of 1-gallon container makes 170 gallons of solution



3-755



3-750

MILTEX® Surgical Instrument Cleaner

Super concentrate formula for manual and ultrasonic cleaning or soaking of surgical instruments, accessories and glassware.

- Neutral pH
- Biodegradable
- Rinses free, leaves no residue
- Phosphate-free
- Concentrated

REF	Description
3-720	8 fl. oz. (0.24 liter) bottles (case of 12)* Contents of one 8 oz. bottle makes 32 gallons of solution
3-725	1-gallon bottle (3.79 liter) Contents of 1-gallon container makes 512 gallons of solution
3-726	1/4 fl. oz. (7.4 ml) packets (dispenser box of 80) Contents of 1-box makes 80 gallons of solution



3-725



3-720



3-726

*(Contact Distributor for availability of individual units)

MILTEX® Surgical Instrument Cleaner & Lubricant

A dual-purpose instrument cleaner and lubricant. Chemically engineered for use as a presoak or for manual cleaning, washer/decontaminators, ultrasonic cleaners and cart washers.

- Cleaner & Brighter Instruments
- Removes Stains, Blood and Mineral Deposits
- Biodegradable
- Concentrate, Lower Cost Per Use

REF	Description
3-710	1 Gallon (128 fl. oz.) 3.79L (see label for concentration rates)



3-710

MILTEX® Instrument Lubricant

A water emulsible soaking agent works to extend the life of surgical instruments. Concentrated non-silicone lubricant and rust inhibitor. Use daily to keep moving parts operating smoothly.

- Formulated to extend the working life of surgical instruments
- Helps Prevent Corrosion
- Formulated with gentle, non-aggressive ingredients
- Frees Up Box Locks - Lubricates moving parts of surgical instruments

REF	Description
3-705	1 Gallon (128 fl. oz.) 3.79L (see label for concentration rates)



3-705

MILTEX® Spray Lube (Surgical Instrument Lubricant)

Pre-mixed, non-silicone and anti-corrosive formula in a ready to use 8 oz. spray pump bottle. Steam permeable and water soluble. Helps prevent spotting, staining and rusting. Lubricates instrument box locks, screw locks, scissors blades and any other metal on metal moving parts.

REF	Description
3-700	8 fl. oz. (0.24 liter) bottles (case of 12)*



3-700

*(Contact Distributor for availability of individual units)

MILTEX® Surgical Instrument Stain Remover

Powder formula removes stains, tarnish and restores luster to surgical instruments, autoclaves, ultrasonic cleaners, stainless steel countertops, etc. Ideal for use on stainless steel, chrome, nickel, brass, copper and silver.

- Effective on instruments, autoclaves, ultrasonic cleaners or any stainless steel, tile or plated surface
- Will not harm instrument surfaces
- Easy, fast, convenient to use
- Economical - a little goes a long way



3-740

REF	Description
3-740	3 oz. (85 grams), (case of 12)*

MILTEX® Nylon & Stainless Steel Brushes

- Nylon bristles for effective cleaning of instrument box locks
- Stainless steel bristles for cleaning serrations
- Autoclavable



REF	Description
3-1000	MILTEX® Instrument Cleaning Brushes 7-1/4" (18.4 cm), Nylon Bristles (Set of 3)
3-1001	MILTEX® Instrument Cleaning Brushes 7-1/4" (18.4 cm), Stainless Steel Bristles (Set of 3)
21-379	Stainless Wire Brush, 6-1/4" (15.9 cm)

*(Contact Distributor for availability of individual units)

MILTEX® Instrument Care Kit System

A great way to try various Miltex products!

REF	Description
3-800	Spray Lube (3-700), Surgical Instrument Cleaner (3-720), Surgical Instrument Stain Remover (3-740), Instrument Care DVD (3-810), Nylon & Stainless Steel Brushes



3-800

MILTEX® Instrument Care Training

25-minute Instructional DVD assists practitioners and staff to properly care for instruments and to keep them in top working condition. DVD offers step-by-step guidance on handling, cleaning, rinsing, inspecting, lubricating and sterilizing surgical instruments.

Step-by-step poster provides easy instructions to clean and prepare instruments for sterilization.

Try a variety of our popular cleaning products with a H.I.P. sample box.

REF	Description
3-810	Miltex® Instrument Care DVD
SURGHIPPOST	Miltex® H.I.P. Poster
SURGHIPBOX	Miltex® H.I.P. Sample Box



3-810



SURGHIPBOX

SURGHIPPOST



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 pieces per pack except kits.



**Will work with
ring-handled
instruments!**



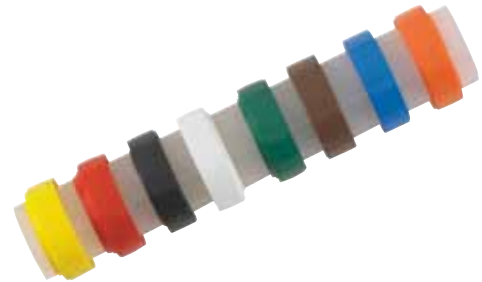
REF	Description
VSTSA	Grey - Pack of 50 pieces
VSTSB	Blue - Pack of 50 pieces
VSTSD	Gold - Pack of 50 pieces
VSTSG	Green - Pack of 50 pieces
VSTSK	Black - Pack of 50 pieces
VSTSL	Light Blue - Pack of 50 pieces
VSTSN	Brown - Pack of 50 pieces
VSTSP	Pink - Pack of 50 pieces
VSTSR	Red - Pack of 50 pieces
VSTSU	Purple - Pack of 50 pieces
VSTSW	White - Pack of 50 pieces
VTSY	Yellow - Pack of 50 pieces
VST	Kit of 12 colors - 480 pieces
VSTA	Kit of 12 colors - 120 pieces (10 of each color)

(Exercise caution when applying color bands to instruments with sharp points.)

TAPE N' TELL™ Adhesive Strips

The Tape N' Tell™ adhesive strips are 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 ASSORTED



TIP-IT™ Instrument Protectors

Tip-It™ Instrument Protectors protect instrument tips and edges from damage during handling and sterilization.

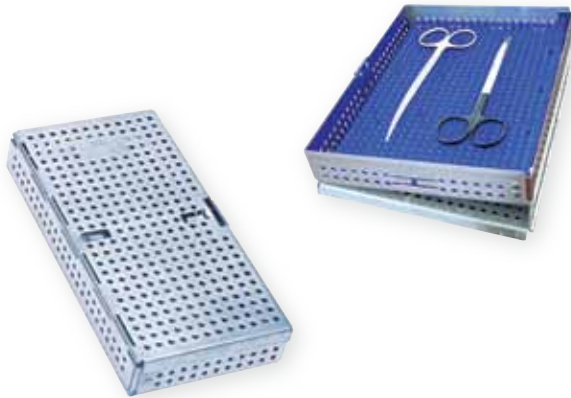
- PVC medical grade plastic
- Latex-free material
- Large holes (vented styles) to reduce vacuum and moisture build up for easy removal from instrument
- Steam and gas sterilizable
- 50 per pack



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

Miltex® Instrument Storage System featuring The “Tuck-Away™” Lid



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

UNIVERSAL CASSETTE WITHOUT MAT

Item#	Size
4-6835	6-1/2 x 6-1/4 x 1-3/16
4-083000	8 x 3-13/16 x 1-3/16
4-084000	8 x 4-7/8 x 1-3/16
4-085000	8 x 6 x 1-3/16
4-089100	8 x 9 x 1-3/16
4-008122	8 x 11 x 1-3/16
4-008115	8 x 11 x 2
4-009126	9-1/8 x 13 x 1-3/16
4-6815	15 x 8-1/4 x 1-3/16

SLIMLINE SERIES WITHOUT MAT

3-072007	7 x 2-5/8 x 11/16*
3-082008	8 x 2-5/8 x 11/16*
STD5L27	7 x 2-5/8 x 1*
3-072014	7 x 4-5/8 x 11/16*

*Single-hinge design

Latex-Free Silicone Mats



1. The raised mat (or feet) assures adhesion of the mat to the tray surface.
2. Holes positioned on mat for proper drainage.
3. Soft cushion fingers protect your instrument investment.
4. Customized to fit perfectly into Miltex® Cassettes.

MAT ONLY

Item#	Size	Description
4-6835MAT*	6-1/2 x 6-1/4	for Cassette 4-6835
4-083000MAT	8 x 3-13/16	for Cassette 4-083000
4-084000MAT	8 x 4-7/8	for Cassette 4-084000
4-085000MAT	8 x 6	for Cassette 4-085000
4-089100MAT*	8 x 9	for Cassette 4-089100
4-008122MAT*	8 x 11	for Cassette 4-008122 & 4-008115
4-009126MAT*	9-1/8 x 13	for Cassette 4-009126
4-6815MAT	15 x 8-1/4	for Cassette 4-6815

Sterilization Products

Miltex® offers a wide range of sterilization products which can be used in conjunction with the Universal cassettes.

CSR WRAP

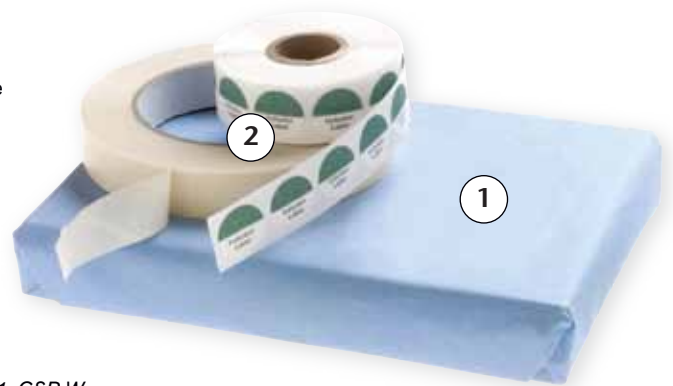
A suitable CSR wrap for steam, ETO gas, and radiation sterilization processes. CSR wraps are electronically inspected for defects such as pin holes and monitored for thickness consistency. CSR wraps are one of the lowest linting products available on the market.

Features include:

- Resists memory
- Allows faster steam penetration than muslin
- Repels water and OR fluids
- Low linting
- Meets established standards for tensile strength and tear resistance
- Excellent barrier to airborne bacteria
- Accepts sterilization tape and labels
- Biodegradable

Available in three sizes - 15", 20", and 24" square

Item#	Dimensions	Case quantity
STD1515	15" x 15"	1000/case
STD2020	20" x 20"	500/case
STD2424	24" x 24"	500/case



1. CSR Wrap
2. Indicator Tapes

INDICATOR TAPES

Used to visually identify processed from unprocessed packs. Miltex IndicatorTapes are manufactured from a specially treated crêpe paper and are coated with a high performance, pressure-sensitive adhesive that will not come undone when subjected to wet or dry heat.

Features include:

- Adheres to any kind of material
- Distinctive color-change
- Accommodates pack expansion during sterilization
- Accepts labels and writing

Supplied in 60 yard rolls, Miltex® IndicatorTapes are available in steam, vapor, and dry heat styles.

Item#	Description
STDSTEAM	3/4" Steam, 60 yd.
STDDRY	1" Dry Heat, 60 yd.

STEAM INDICATOR STRIPS

Per CDC guidelines, a chemical indicator should be used with each load in conjunction with routine spore testing. The Miltex® Steam Indicator Strip turns brown when sterilization conditions have been met and is certified for use with all steam sterilization processes.

Packaged 250 strips per box, the Steam Indicator strips may be maintained as a permanent record of sterilization

Item#	Description
STDIND	Steam Indicator Strips, 250/bx



SPONGE BOWLS

REF	Size
3-900	4-5/16" x 2-13/64" (12 oz)
3-901	4-1/4" x 2" (16 oz)
3-902	5-5/8" x 2-9/32" (22 oz)
3-903	6-27/64" x 2-1/4" (30 oz)
3-904	6-27/64" x 2-3/4" (36 oz)
3-905	7-9/16" x 3-3/16" (47 oz)
3-906	8-3/16" x 3-5/16" (64 oz)



IODINE & MEDICINE CUPS

REF	Description	Size
3-912	Iodine Cup	3-5/16" x 2" (6 oz)
3-913	Iodine Cup	5-1/32" x 2-23/64" (14 oz)
3-914	Medicine Cup, Graduated	2-5/32" x 2-5/32" (2 oz)



TUMBLER

REF	Size
3-907	2-7/8 x 3-1/8 (7 oz)



SOLUTION BASINS

REF	Size
3-908	12-33/64" x 3-35/64" (4-1/2 qt)
3-909	13-25/32" x 4-17/32" (6 qt)
3-910	13-25/32" x 4-59/64" (7 qt)

Items in **bold** represent the most popular patterns.



FORCEPS JARS

REF	Size
3-915	1-19/64" x 3-5/32"
3-916	2-3/16" x 4-21/64"
3-917	2-3/16" x 7-5/64"



DRESSING JARS WITH COVERS
Cover included with jar

REF	Size
3-953	4" x 2-5/8" (1/2 qt)
3-954	5" x 6-3/8" (2 qt)
3-955	5-7/8" x 7-5/64" (3 qt)



EMESIS BASINS

REF	Size
3-918	7-7/8" x 3-3/4" x 1-19/64" (10 oz)
3-919	8-5/32" x 3-55/64" x 1-17/32" (12 oz)
3-920	9-23/32" x 4-51/64" x 1-11/16" (20 oz)



INSTRUMENT TRAYS

REF	Size
3-934	10" x 6-1/2" x 23/32", rolled edge
3-935	14" x 10" x 5/8", rolled edge
3-936	21-11/32" x 16-7/16" x 7/8", rolled edge



PERFORATED MAYO TRAYS

REF	Size
3-921	10" x 6-1/2" x 23/32"
3-922	14" x 10" x 5/8"
3-924	17" x 11-5/8" x 3/4"
3-925	19-11/64" x 12-23/32" x 33/64"



NON-PERFORATED MAYO TRAYS

REF	Size
3-926	10" x 6-1/2" x 23/32"
3-927	14" x 10" x 5/8"
3-929	17" x 11-5/8" x 3/4"
3-930	19-11/64" x 12-23/32" x 33/64"

Items in **bold** represent the most popular patterns.



INSTRUMENT TRAYS & COVERS cover sold separately

REF	Description	Size
3-945	Instrument Tray, 12, 2-1/2, Solid	12-23/32" x 10-27/64" x 2-1/2"
3-946	Instrument Tray, 12, 3-3/4, Solid	12-23/32" x 10-27/64" x 3-3/4"
3-947	Flat Cover, 12, For REF 3-945 & 3-946	12-29/32" x 10-35/64" x 7/16"
3-948	Instrument Tray, 10, 1, Solid	10-25/64" x 6-49/64" x 1-27/32"
3-949	Flat Cover, 10, For REF 3-948	10-15/32" x 6-61/64" x 7/16"



CATH TRAYS & COVERS cover sold separately

REF	Description	Size
3-937	Cath Tray, 8 x 5 x 1	8-25/32" x 4-61/64" x 1-49/64"
3-938	Cath Tray, 8-7/8 x 5 x 3	8-7/8" x 5" x 3"
3-939	Flat Cath Cover, 8, For REF 3-937 & 3-938	8" x 5" x 7/16"
3-940	Dome Cath Cover, 8, For REF 3-937 & 3-938	8" x 5" x 7/16"
3-941	Cath Tray, 8 x 3 x 1-1/2, Narrow	8-35/64" x 3-5/64" x 1-1/2"
3-942	Dome Cath Cover, 8, Narrow, For REF 3-941	8-21/32" x 3-5/16" x 19/32"
3-943	Cath Tray, 15-3/4 x 2-3/4 x 2, Long	15-3/4" x 2-3/4" x 2"
3-944	Dome Cath Cover, 15, Long, For REF 3-943	15-13/16" x 3-1/32" x 29/32"

Items in **bold** represent the most popular patterns.

INSTRUMENT STRINGERS



3-70 to 3-74



3-75 to 3-80



3-81 to 3-85



3-86 to 3-89



3-90 to 3-95



3-96 to 3-99



REF	Description	Size
3-70	Stringer - Side Lock, Wide	2-1/2" x 8"
3-71	Stringer - Side Lock, Wide	2-1/2" x 10"
3-72	Stringer - Side Lock, Wide	2-1/2" x 12"
3-74	Stringer - Side Lock, Wide	2-1/2" x 16"
3-75	Stringer - Side Lock	2-1/2" x 6"
3-76	Stringer - Side Lock	2-1/2" x 8"
3-77	Stringer - Side Lock	2-1/2" x 10"
3-78	Stringer - Side Lock	2-1/2" x 12"
3-79	Stringer - Side Lock	2-1/2" x 16"
3-80	Stringer - Side Lock	2-1/2" x 18"
3-81	Stringer - Side Lock	5" x 8"
3-82	Stringer - Side Lock	5" x 10"
3-83	Stringer - Side Lock	5" x 12"
3-84	Stringer - Side Lock	5" x 16"
3-85	Stringer - Side Lock	5" x 18"
3-86	Stringer - Open U	2-1/2" x 6"
3-87	Stringer - Open U	2-1/2" x 8"
3-88	Stringer - Open U	2-1/2" x 10"
3-89	Stringer - Open U	2-1/2" x 12"
3-90	Stringer - Center Lock	2-1/2" x 6"
3-91	Stringer - Center Lock	2-1/2" x 8"
3-92	Stringer - Center Lock	2-1/2" x 10"
3-93	Stringer - Center Lock	2-1/2" x 12"
3-94	Stringer - Center Lock	2-1/2" x 16"
3-95	Stringer - Center Lock	2-1/2" x 18"
3-96	Stringer - Closed U	2-1/2" x 6"
3-97	Stringer - Closed U	2-1/2" x 8"
3-98	Stringer - Closed U	2-1/2" x 10"
3-99	Stringer - Closed U	2-1/2" x 12"

Items in **bold** represent the most popular patterns.

Recommended Steps in Cleaning, Sterilization, & Maintenance of Surgical Instruments

1. HOLDING/PRESOAK

Never hold instruments in a dry container. Doing so 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 soiled instruments and scopes. Simply spray the foam on instruments until they are ready for processing. 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 and clean as follows:

2. RINSING

(Always wear safety protection gear.) 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.

Note: *Disinfection can be included to protect medical personnel from contamination during cleaning; however, protection also can be accomplished by following standard precautions by wearing appropriate PPE as promulgated by OSHA & AORN.*

3. CLEANING

All blood, dried body fluids and tissue should be completely removed from instruments prior to sterilization. Several methods for removing these materials 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) is 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. Ensure that dissimilar metal instruments are separated. Rinse instruments under running water to remove solutions and change solutions frequently.
- B. **Ultrasonic Cleaning:** Most instrument manufacturers recommend ultrasonic cleaning as the most effective way to clean surgical instruments, particularly instruments with hinges, box locks and other moving parts.
 - All instruments must be fully submerged in an open position using distilled (demineralized) water, if possible. To prevent possible surface scratching make sure that "sharps" do not touch other instruments. Also, separate instruments of dissimilar metals.
 - Process instruments for the 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:** Following manufacturers' recommendations, ensure that instruments are lubricated before the sterilization cycle and after the last rinse 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 stainless steel wire brushes (3-1001) specially recommended 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 on instruments. 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 are 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 open and close smoothly. Test cutting performance at 3/4 length of the blade with the materials recommended below. 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 that the entire jaw closes 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.

Recommended Steps in Cleaning, Sterilization, & Maintenance of Surgical Instruments, continued

- 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 ensure that hinged areas are rinsed out and that no debris remains.

4. AFTER CLEANING

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

5. 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 develop 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 that hinders steam penetration may form.

CAUTION: With most portable tabletop autoclaves, unlock the door and open it no more than a crack, about 1/4" (6.4 mm). (at the end of the autoclave cycle and before the drying cycle) 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 air will rush into the chamber and will cause condensation on the instruments, potentially resulting in water stains or causing 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 in cleaning the autoclave chamber. If you have any unusual staining on your instruments after sterilization, obtain our Instrument Care System DVD (3-810) or contact your local Miltex® representative.

6. CHEMICAL/COLD STERILIZATION

Most chemical/cold sterilization solutions render instruments sterile only after 10-hour immersion. This prolonged chemical action can be more detrimental to instruments 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); and
- 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, the use of chemical/cold sterilization solutions is not recommended as it may deteriorate the instrument's jaw.

We recommend these Miltex products to properly 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
3-755	EZ-Zyme®, All Purpose Enzyme Cleaner 1-gallon pump bottle	• Ultrasonic cleaning • Manual cleaning • Laundry presoak
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 WARRANTY

Miltex® and Padgett® Instruments are guaranteed to be free from material defects. Our Guarantee also includes a commitment to the very highest standards of quality craftsmanship which will be employed in the manufacture of each and every Instrument. If either of these high standards are not met by Miltex, our customer may return the Instrument to be repaired or replaced at our discretion and at no charge to the customer.

PRODUCT WARRANTY

Miltex also offers to our customers an array of complementary surgical and dental products. These are held to the same high standards of material and workmanship as our instruments. However, all of these quality products are also provided with a limited one-year warranty.

- Chiropractic and Auto-Surgical Mallets
- Laparoscopic Instruments and Scopes
- Instrument Containers and Cassettes
- Chrome Instruments
- Electrosurgical Instrumentation
- Electrical Devices
- Podiatry Nipper/Splitter Springs
- Fiber Optic Instruments / Accessories

REPAIR WARRANTY

If for any reason a customer is dissatisfied with a Miltex® repair, we guarantee to replace or again repair the product at no charge if the instrument is returned within 30 days. We request that our customers assist us in protecting our employees by returning cleaned and sterilized instruments for repair.

WARRANTY STIPULATIONS

Our Warranty is effective from the date-of-purchase only from either Miltex or an Authorized Miltex Distributor. The warranty remains in effect if the Instrument or Product is used for its intended surgical or dental purpose as well as continuous and proper care of the Instrument or Product is maintained.

OTHER WARRANTY INFORMATION FOR OUR CUSTOMERS

- We ask our customers to use only the Miltex® Repair Services for our products so the warranty remains in effect.
- We love to meet your unique or special needs with custom produced products. However, these are not returnable.
- Miltex offers excellent Care and Cleaning products for our instruments. Please use these products or other appropriate cleaning products to properly maintain your instrument as a valuable asset. Proper care and cleaning of your instruments is also a requirement to maintain the instrument warranty.
- We strongly recommend that you use the appropriate instrument for the identified clinical need. Misuse of instruments can cause damage to the instrument or product and will void the warranty.
- Hurricanes, fires or other disasters will void the warranty of your instruments.

A FINAL & REQUISITE STATEMENT

As set forth in these Terms, Conditions, Policy and Warranty, Miltex makes no other representations, either expressed or implied, which supersede the above descriptions. In no event will Miltex be liable for any incidental, special or exemplary damages or loss of profits in connection with the use of a Miltex® Instrument or Product.

TERMS & CONDITIONS

ORDERS AND QUOTATIONS

Contact Miltex, Inc., 589 Davies Drive, York, PA 17402 or call toll free 1-866-854-8300 to place orders and for formal quotations. Orders may also be placed via toll-free fax 1-866-854-8400, on our web site at www.miltex.com (registered authorized distributors only) or through Electronic Data Interchange (EDI).

TERMS

All invoices are payable net 30 days from date of invoice.

FREIGHT

Prices quoted are FOB factory. Prices are subject to change without notice.

Orders will be shipped via the carrier of Miltex's choice unless the distributor requests a particular service. If a special request is made, an additional handling charge will be included on the invoice to cover the resulting processing and carrier charges.

ACCEPTANCE

All orders are subject to approval by Miltex.

Miltex herewith reserves the right to alter the design or form of any product or to discontinue any product prior to the date of delivery without incurring any obligation to make such changes in any items previously purchased, whether or not delivered.

CREDIT

Miltex reserves the right to refuse orders, suspend credit and cancel unfulfilled orders when credit conditions of a customer warrant such action.

SHIPMENTS, DAMAGES, & SHORTAGES IN TRANSIT

Shipment schedules are approximate and are as accurate as conditions permit on the date the schedules are provided. Miltex assumes no responsibility or liability for unforeseen delays in making delivery. When signing for receipt of goods, all visible damage and/or shortages to cartons must be indicated on the carrier delivery receipt so that a claim may be filed with the carrier.

The customer shall inspect all items upon arrival and give written notice to Miltex of any claim for a shortage or non-conformance within 7 days after receipt of shipment.

Miltex may make partial shipments, which the distributor shall accept and pay for at the prices specified on maturity of the invoice involved.

RETURN MATERIALS POLICY

A Returned Materials Authorization number (RMA) must be obtained prior to returning product to Miltex. Product returned without an RMA number will be returned directly to the distributor, at our cost, with a letter of explanation. Returns can only be granted and authorized by obtaining an RMA number from Miltex customer service at toll free 1-866-854-8300.

Issue of an RMA number should not be interpreted as a final credit to your customer account. Miltex reserves the right to evaluate incoming returns prior to issuing any customer credit.

There will be a 15% restocking charge for product returned after 60 days but before 120 days after receipt of shipment. Product must be returned unused in its original packaging. No returns will be accepted after 120 days after receipt of shipment. Non-returnable products received by Miltex will be returned directly to the distributor, at our cost, with a letter of explanation.

Sterile products which have been opened, returned out of the original package or returned after the sterile expiration date are not returnable.

Discontinued products, medicament products, private labeled, custom made, custom etched or neutralized products are not returnable.

Broken instruments noted as 'Sharps' have special handling and return requirements. Call customer service toll free 1-866-854-8300 for information regarding special shipping and handling requirements.

INSTRUMENT SERVICE, REPAIR AND RETURN INSTRUCTIONS

Miltex, Inc., offers you the expertise and convenience of operating its own in-house Service and Repair Department. Please follow our simple return instructions to ensure all returns and repairs are processed correctly and in a timely manner. Your instruments are as important to us as they are to you.

Please contact our Customer Service Department at 1.866.854.8300 or repairs@miltex.com to obtain a Return Material Authorization (RMA) number. The RMA number is required before instruments are returned for repair.

Be prepared to provide the following information:

- Customer account number
- Customer purchase order number

IMPORTANT: Any instrument sent to Miltex, Inc., without an RMA number will be returned to sender without being evaluated or repaired.

Once you have received your RMA number, repairs should be sent to:

Miltex, Inc.
Repair Department
589 Davies Drive
York, PA 17402 USA
RMA #: _____ (needed on outside of shipping box)

How to Package and Ship Instruments:

- Miltex, Inc., cannot accept instruments that have not been properly cleaned and sterilized.
- Include the RMA number, customer account number, customer purchase order number and reason for repair.
- Include all contact information (name, address, phone number, email address).
- Wrap instruments to protect them during transit.
- Use a common carrier (FedEx, UPS).
- Insure the package, and keep a record of the tracking number.

NOTE: We cannot accept instruments for repair at conventions or trade shows. Miltex, Inc., representatives cannot accept instruments for repair. Please follow the instructions above.

If you have questions or comments, contact Customer Service at 1.866.854.8300 or repairs@miltex.com.



REPAIR 5 INSTRUMENTS, RECEIVE A 10% DISCOUNT

Send in 5 or more repairable instruments and
receive 10% off the total price of the repair!

For end-users only. Does not apply to government, institutional, or dealer repairs. To obtain your 10% discount, mail this voucher along with product (5 or more repairable instruments) for repair to Miltex, Inc. Attn: Return/Repair Department, 589 Davies Drive, York, PA 17402 (1-866-854-8300). Call for RMA. Discount void if not accompanied by this voucher and 5 or more repairable instruments.





integralife.com/integra-miltex
toll-free phone 866-854-8300
toll-free fax 866-854-8400
phone 717-840-9335
fax 717-840-9347

Please call Customer Service today for additional information, an in-office demonstration, to place an order or to receive other Miltex catalogs.

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