



Integra[®] Miltex[®]
Surgical Instruments

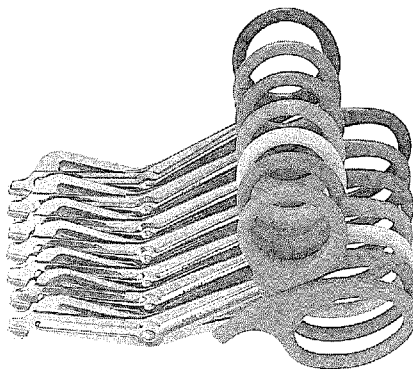
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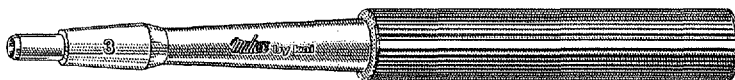
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UNIVERSAL SCISSORS

- Highest quality German stainless steel construction
- Ideal for cutting bandages, gauze, tough clothing, cast material and metal sheets
- One serrated blade and comfortable contoured plastic handles
- Available in the popular 7-1/2" design and choose from seven colored handles

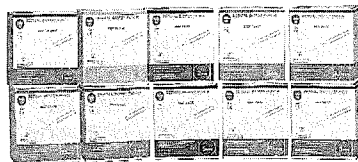
Part #	Description
5-1000	BLACK - Bandage & Utility Universal Scissors 7-1/2" (19.1 cm), with needle destroyer, black plastic finger rings, serrated blade. Autoclavable.
5-1025	RED - Bandage & Utility Universal Scissors 7-1/2" (19.1 cm), with needle destroyer, red plastic finger rings, serrated blade. Autoclavable.
5-1026	ORANGE - Bandage & Utility Universal Scissors 7-1/2" (19.1 cm), with needle destroyer, orange plastic finger rings, serrated blade. Autoclavable.
5-1027	BLUE - Bandage & Utility Universal Scissors 7-1/2" (19.1 cm), with needle destroyer, blue plastic finger rings, serrated blade. Autoclavable.
5-1028	PURPLE - Bandage & Utility Universal Scissors 7-1/2" (19.1 cm), with needle destroyer, purple plastic finger rings, serrated blade. Autoclavable.
5-1029	GREEN - Bandage & Utility Universal Scissors 7-1/2" (19.1 cm), with needle destroyer, green plastic finger rings, serrated blade. Autoclavable.
5-1030	YELLOW - Bandage & Utility Universal Scissors 7-1/2" (19.1 cm), with needle destroyer, yellow plastic finger rings, serrated blade. Autoclavable.



MILTEX® STERILE DISPOSABLE BIOPSY PUNCHES

- Individually packaged in color-coded, transparent, sturdy blister pack to protect cutting edge
- Seamless stainless steel razor sharp cutting edge
- Ribbed handle provides maximum control and comfort
- Sterile - ready to use every time
- Packed 50 Biopsy Punches to a Dispenser Box
- New 1/2 sizes

<u>Part #</u>	<u>Size</u>	<u>Part #</u>	<u>Size</u>
33-31AA	1.0 mm	33-33	3.5 mm
33-31A	1.5 mm	33-34	4.0 mm
33-31	2.0 mm	33-35	5.0 mm
33-31B	2.5 mm	33-36	6.0 mm
33-32	3.0 mm	33-37	8.0 mm



33-38 Assortment Box 10 each of the following sizes: 2mm, 3mm, 4mm, 5mm, 6mm

See page 526 for other related products.



4-510



4-511



4-512

MILTEX® STERILE DISPOSABLE SAFETY SCALPEL

- Complies with OSHA directive for the Needlestick Safety and Prevention Act
- Stainless steel, sterile, single-use
- User activated and controlled mechanism - no springs to jam
- Audible confirmation when securely in desired position
- Metric ruler assists in determining length of incision
- Packed 10 per Box

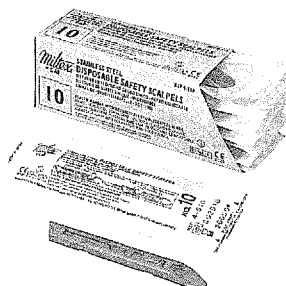
Part #

Size

4-510 Size #10, Sterile, Single-Use

4-511 Size #11, Sterile, Single-Use

4-515 Size #15, Sterile, Single-Use



STEINMANN I.M. PINS (FOR INTRAMEDULLARY FIXATION)

- Ideal for immobilization of long bone fractures
- Manufactured from highest quality 316LVM stainless steel that is insert when implanted
- Precision ground trocar points with mirror finish
- Individually packaged and protected in clear cylinder tube

<u>Part #</u>	<u>Size</u>

27-182	Double Trocar Smooth - 1/16" x 7"

27-183	Double Trocar Smooth - 5/64" x 7"

27-184	Double Trocar Smooth - 3/32" x 8"

27-185	Double Trocar Smooth - 7/64" x 8"

27-186	Double Trocar Smooth - 1/8" x 9"

27-187	Double Trocar Smooth - 9/64" x 9"

27-188	Double Trocar Smooth - 5/32" x 10"

27-189	Double Trocar Smooth - 3/16" x 12"

27-190	Double Trocar Smooth - 1/4" x 12"

27-192	Double Trocar Partial Threaded - 1/16" x 7"

27-193	Double Trocar Partial Threaded - 5/64" x 7"

27-194	Double Trocar Partial Threaded - 3/32" x 8"

27-195	Double Trocar Partial Threaded - 7/64" x 8"

27-196	Double Trocar Partial Threaded - 1/8" x 9"

27-197	Double Trocar Partial Threaded - 9/64" x 9"

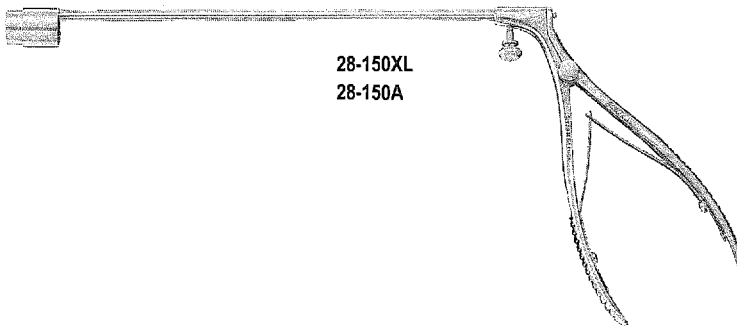
27-198	Double Trocar Partial Threaded - 5/32" x 10"

27-199	Double Trocar Partial Threaded - 3/16" x 12"

27-200	Double Trocar Partial Threaded - 1/4" x 12"

27-201	Miltex Pin and Wire Gauge - measures Steinmann Pins, K-Wire, drill bits and bone screws. (Includes 6" ruler)

See pages 444-445 for Kirschner Wire (K-Wire), Pin Cutters, Pin Pullers and other accessories.



28-150XL
28-150A

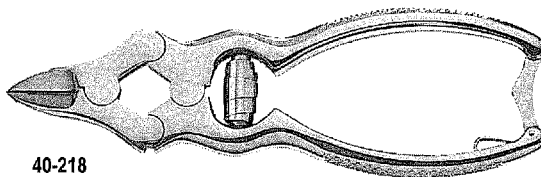
RECTAL INSTRUMENTS

Part #	Description

28-150XL	McGIVNEY Hemorrhoidal Ligator, 10" shaft, includes Ligating Rings and Loading Cone - Large

28-150A	McGIVNEY Hemorrhoidal Ligator Set - includes McGIVNEY Hemorrhoidal Ligator 7" shaft, McGIVNEY Grasping Forceps 7-1/2", Ligating Rings, and Loading Cone - Large

See page 475 for the complete line of McGivney patterns.



DERMAL/PODIATRY INSTRUMENT

- Double action allows for greater strength and control when cutting heavy nails
- Stainless steel construction
- Non-slip serrated grip handle
- Autoclavable

<u>Part #</u>	<u>Description</u>

40-218	Double Action Nail Nipper, 6" (15.2 cm), straight jaws

See page 549 for curved pattern.



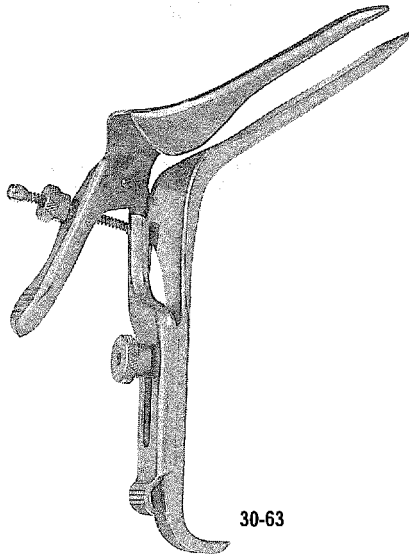
4-405

SCALPEL HANDLE

<u>Part #</u>	<u>Description</u>

4-405	Self Locking Chisel Blade Handle

See pages 13-14 for a complete line of scalpel handles.



PEDERSON OPEN-SIDED VAGINAL SPECULA

Part #	Description
30-63	PEDERSON (Right) Open-Sided Vag. Spec, Narrow Blades (3-1/2" x 7/8") (8.9 cm x 2.2 cm)

See page 490 for a complete line of Pederson specula.



31-14

31-16



31-48

31-49

31-50

31-51

MILTEX INSULATED INSTRUMENTS FOR ELECTROSURGICAL PROCEDURES

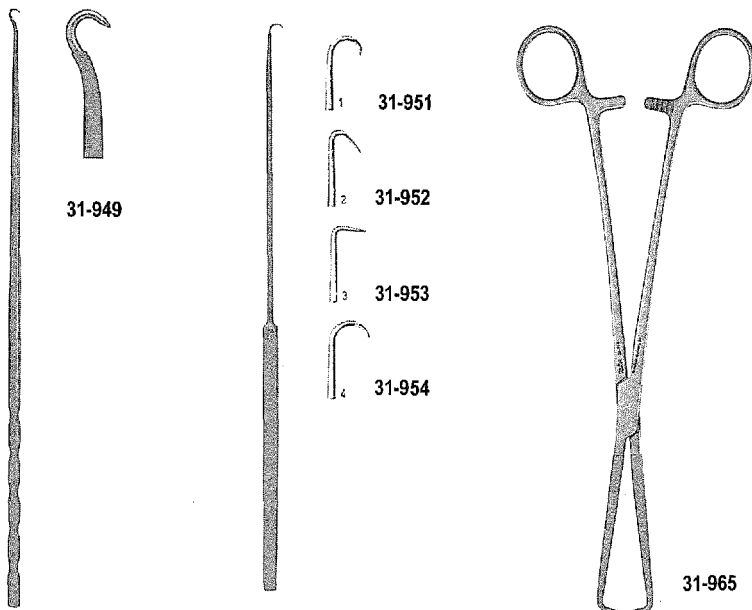
- Ideally suited for LEEP/LLETZ
- Highest quality German crafted instruments thermally insulated with a superior, non-conductive blue nylon coating
- Exceeds high voltage testing requirements
- Autoclavable (carefully follow Miltex Care & Handling Instructions, supplied with instrument)
- Limited 1-year warranty against defects in workmanship and material

Part # Description

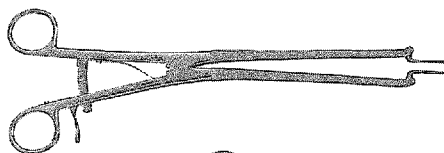
31-14	LEEP Dressing Forceps 8" (20.3cm) long, Serrated with Coated Tips
31-16	LEEP Dressing Forceps 10" (25.4cm) long, Serrated with Coated Tips
31-48	LEEP Tissue Forceps 8" (20.3cm) long, 1x2 Teeth with Exposed Tips
31-49	LEEP Tissue Forceps 8" (20.3cm) long, 1x2 Teeth with Coated Tips
31-50	LEEP Tissue Forceps 10" (25.4cm) long, 1x2 Teeth with Exposed Tips
31-51	LEEP Tissue Forceps 10" (25.4cm) long, 1x2 Teeth with Coated Tips



New Products

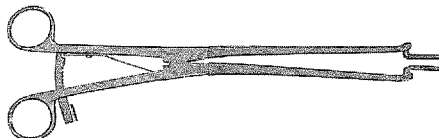


Part #	Description
31-949	LEEP Iris Hook 10" (25.4cm) long, Small delicate Exposed Tip with 4mm hook
31-951	LEEP Emmett Tenaculum Hook, 9" (22.9cm) long, Style 1 (half curved - small) with Exposed Tip
31-952	LEEP Emmett Tenaculum Hook, 9" (22.9cm) long, Style 2 (acute angle) with Exposed Tip
31-953	LEEP Emmett Tenaculum Hook, 9" (22.9cm) long, Style 3 (right angle) with Exposed Tip
31-954	LEEP Emmett Tenaculum Hook, 9" (22.9cm) long, Style 4 (half curved - large) with Exposed Tip
31-965	LEEP Schroeder-Braun Tenaculum Forceps 9-3/4" (24.8cm) long, straight with coated tips



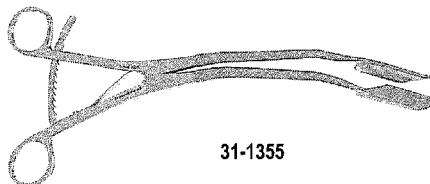
31-1351

31-1352

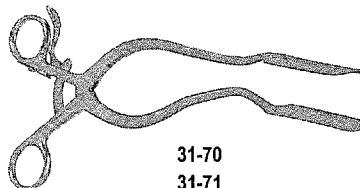


31-1353

31-1354



31-1355



31-70

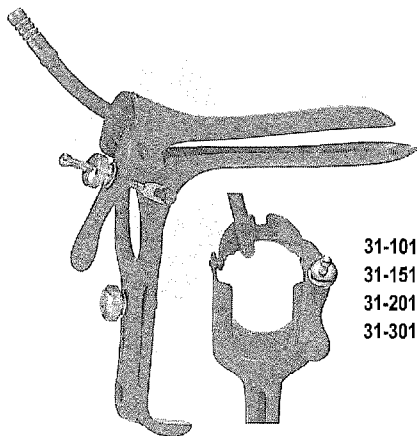
31-71

Part # Description

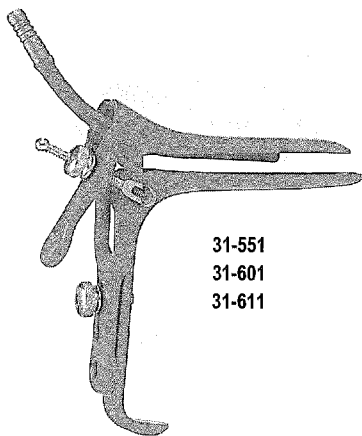
- 31-1351** LEEP Miltex-Kogan Endocervical Speculum 10-3/4" (27.3cm) long, Narrow Tip Coated (3.2mm x 25mm), with Grip-Lock Ratchet & Gauge
- 31-1352** LEEP Miltex-Kogan Endocervical Speculum 10-3/4" (27.3cm) long, Regular Tip Coated (7.2mm x 25mm), with Grip-Lock Ratchet & Gauge
- 31-1353** LEEP Kogan Endocervical Speculum 10-3/4" (27.3cm) long, Narrow Tip Coated (3.2mm x 25mm) (Standard Ratchet Pattern)
- 31-1354** LEEP Kogan Endocervical Speculum 10-3/4" (27.3cm) long, Regular Tip Coated (7.2mm x 25mm) (Standard Ratchet Pattern)
- 31-1355** LEEP Lateral Vaginal Retractor 8-1/4" (21cm) long, with Extra Long Thumb Ratchet (22mm x 57mm blade)
- 31-70** LEEP Redundant Wall Vaginal Retractor 7-3/4" (19.5cm) long, Medium 22mm x 57mm blade
- 31-71** LEEP Redundant Wall Vaginal Retractor 7-3/4" (19.5cm) long, Large 22mm x 75mm blade



New Products

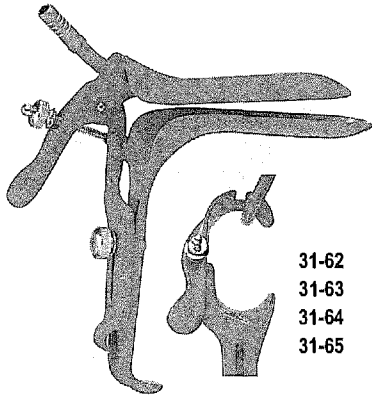


31-101
31-151
31-201
31-301

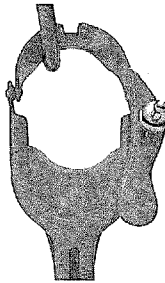


31-551
31-601
31-611

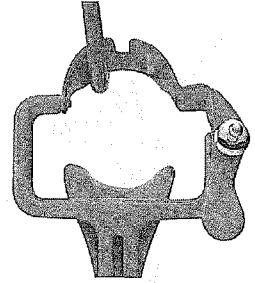
Part #	Description
31-101	LEEP Graves Speculum Small (3" x 7/8") (7.6 cm x 2.2 cm) with Smoke Evacuation Tube (2.8cm opening)
31-151	LEEP Graves Speculum Medium (4" x 1-1/4") (10.2 cm x 3.2 cm) with Smoke Evacuation Tube (2.8cm opening)
31-201	LEEP Graves Speculum Large (4-1/2" x 1-3/8") (11.4 cm x 3.5 cm) with Smoke Evacuation Tube (2.8cm opening)
31-301	LEEP Graves Speculum X-Large (6-3/4" x 1-3/8") (17.1 cm x 3.5 cm) with Smoke Evacuation Tube (2.8cm opening)
31-551	LEEP Pederson Speculum Medium (4" x 7/8") (10.2 cm x 2.2 cm) with Smoke Evacuation Tube (2.8cm opening)
31-601	LEEP Pederson Speculum Large (4-3/4" x 1") (12.1 cm x 2.5 cm) with Smoke Evacuation Tube (2.8cm opening)
31-611	LEEP Pederson Speculum X-Large (6-3/4" x 1") (17.1 cm x 2.5 cm) with Smoke Evacuation Tube (2.8cm opening)



31-62
31-63
31-64
31-65



31-66
31-67



31-68
31-69

Part #	Description
31-62	LEEP Pederson (Right) Open-Sided Speculum Medium (4" x 7/8") (10.2 cm x 2.2 cm) with Smoke Evacuation Tube (2.8cm opening)
31-63	LEEP Pederson (Right) Open-Sided Speculum Large (4-1/2" x 1") (11.4 cm x 2.5 cm) with Smoke Evacuation Tube (2.8cm opening)
31-64	LEEP Graves Open-Sided (Right) Speculum Medium (4" x 1-1/4") (10.2 cm x 3.2 cm) with Smoke Evacuation Tube (2.8cm opening)
31-65	LEEP Graves Open-Sided (Right) Speculum Large (4-1/2" x 1-3/8") (11.4 cm x 3.5 cm) with Smoke Evacuation Tube (2.8cm opening)
31-66	LEEP Graves View-More Speculum Medium (4" x 1-1/4") (10.2 cm x 3.2 cm) with Smoke Evacuation Tube (4.0cm yoke opening)
31-67	LEEP Graves View-More Speculum Large (4-1/2" x 1-3/8") (11.4 cm x 3.5 cm) with Smoke Evacuation Tube (4.0cm yoke opening)
31-68	LEEP Graves Maxi-View Speculum Medium (4" x 1-1/4") (10.2 cm x 3.2 cm) with Smoke Evacuation Tube (7.0cm yoke opening)
31-69	LEEP Graves Maxi-View Speculum Large (4-1/2" x 1-3/8") (11.4 cm x 3.5 cm) with Smoke Evacuation Tube (7.0cm yoke opening)



New Products



31-5000

31-5002



31-5022

31-5024



31-5054

31-5070

31-5074

31-5092

31-5096

31-5056

31-5072

31-5090

31-5094

31-5098

Part #	Description

31-5000	Sterile Disposable Electrode, Ball 3mm Diameter (Box of 5)

31-5002	Sterile Disposable Electrode, Ball 5mm Diameter (Box of 5)

31-5022	Sterile Disposable Electrode, Square (10mm width x 8mm depth) (Box of 5)

31-5024	Sterile Disposable Electrode, Square (10mm width x 10mm depth) (Box of 5)

31-5054	Sterile Disposable Electrode, Loop (10mm width x 8mm depth) (Box of 5)

31-5056	Sterile Disposable Electrode, Loop (10mm width x 10mm depth) (Box of 5)

31-5070	Sterile Disposable Electrode, Loop (15mm width x 5mm depth) (Box of 5)

31-5072	Sterile Disposable Electrode, Loop (15mm width x 8mm depth) (Box of 5)

31-5074	Sterile Disposable Electrode, Loop (15mm width x 10mm depth) (Box of 5)

31-5090	Sterile Disposable Electrode, Loop (20mm width x 8mm depth) (Box of 5)

31-5092	Sterile Disposable Electrode, Loop (20mm width x 10mm depth) (Box of 5)

31-5094	Sterile Disposable Electrode, Loop (20mm width x 12mm depth) (Box of 5)

31-5096	Sterile Disposable Electrode, Loop (20mm width x 15mm depth) (Box of 5)

31-5098	Sterile Disposable Electrode, Loop (20mm width x 20mm depth) (Box of 5)



1



2



3



15G



1V



2V



3V

PODIATRY AND DERMATOLOGY BLADES

Stainless Steel specialty surgical blades –

Sterile, individually sealed in blister packs, 20 blades per box.

<u>Cat#</u>	<u>Size</u>	<u>Uses</u>
4-601	#1	Debridement of calloused nail groves
4-602	#2	Biopsy of small cutaneous lesions
4-603	#3	Removal of plantar warts
4-604	#15G	Debridement of heel callus
4-605	#1V	Removal of foreign bodies
4-606	#2V	Enucleation of callus with painful core
4-607	#3V	Used for a variety of work on the cuticle and corns



4-406

MEDI-KLINGEN BLADE HANDLE

4-406 MEDI - KLINGEN BLADE HANDLE with chuck, 5" (12.7cm)



3-750



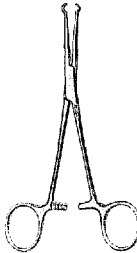
19-113



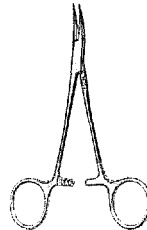
19-115



19-117



29-805



29-850



30-1384

EZ-ZYME™ ALL PURPOSE ENZYME CLEANER

3-750 3/4oz. packets – box of 32. Each packet makes a gallon of solution. Proven in a Major University Study to be the most effective enzyme cleaner against a group of competitors.

STUDENT GRADE TUNING FORKS

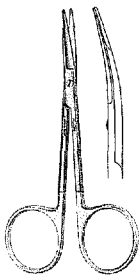
19-113 C-128 vibrations
19-115 C-256 vibrations
19-117 C-512 vibrations

NO SCALPEL VASECTOMY INSTRUMENTS

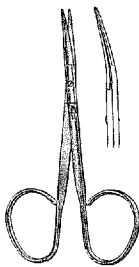
29-805 No Scalpel Vasectomy Ring Clamp 5 1/2" (14cm), gold finger rings
29-850 No Scalpel Vasectomy Hemostat 5 1/2" (14cm), smooth sharp point, curved, gold finger rings
29-855 No Scalpel Vasectomy Instrument Set - One of each

TOWNSEND ENDOCERVICAL BIOPSY CURETTE

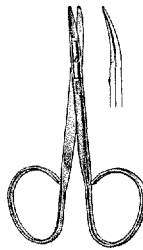
30-1384 12" (30.5cm), loop size 1 X 7 mm



5-269TC



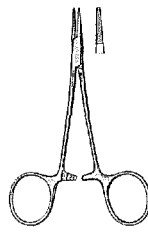
5-263*



5-400*



6-127



8-3TC

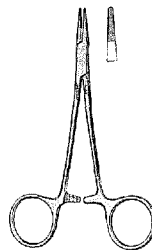
- 5-269TC** KAYE Dissecting Scissors 4 1/2" (11.5cm), curved, one serrated blade, CARB-N-SERT blade
- 5-263*** KAYE Fine Dissecting Scissors 4 11/32" (11cm), serrated blades, ribbon type

- 5-400*** MILTEX Utility Scissors 4 1/16" (10.3cm), curved blunt tips, ribbon type

- 6-127** GRIFFITHS-BROWN Tissue Forceps 4 11/32" (11cm), delicate, 1.5 X 5mm Brown-type teeth

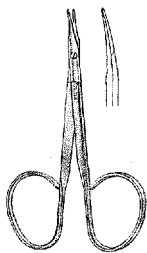
- 8-3TC** PAR Needle Holder 4 1/2" (11.4cm), delicate serrated jaws 16000 teeth p. sq. inch, CARB-N-SERT jaws

- 8-5TC** PAR Needle Holder 5" (12.7cm), delicate serrated jaws 16000 teeth p. sq. inch, CARB-N-SERT jaws

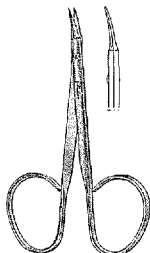


8-5TC

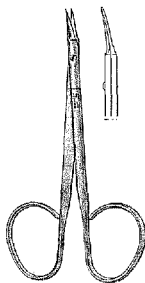
**Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished*



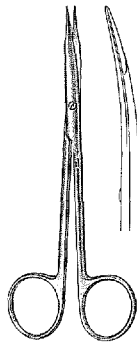
9-115*



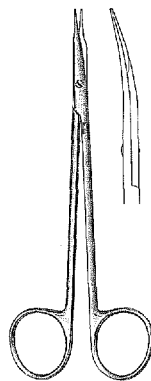
9-116*



9-117*



18-1455



18-1456

9-115* REEH Stitch Scissors 3 7/8" (9.8cm), sharp tips, small hook at end of one blade, ribbon type

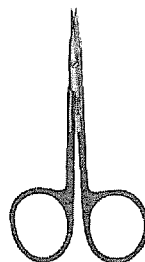
9-116* MILTEX Stitch Scissors 3 7/8" (9.8cm), curved, sharp pointed tips, ribbon type

9-117* MILTEX Stitch Scissors 4 7/8" (12.4cm), curved, sharp pointed tips, ribbon type

18-1455 STEVENS Tenotomy Scissors 5 1/2" (14.3cm), curved

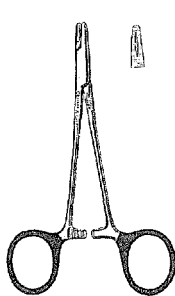
18-1456 STEVENS Tenotomy Scissors 6 1/4" (15.9cm), curved

18-SC-1652 SUPERCUT Gradle (Eye Suture) Scissors 3 3/4" (9.5cm), curved

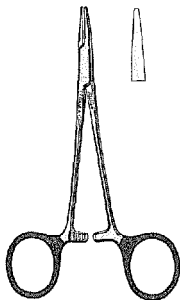


18-SC-1652

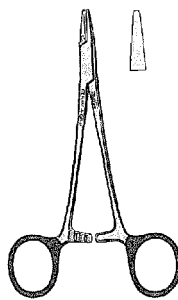
**Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished*



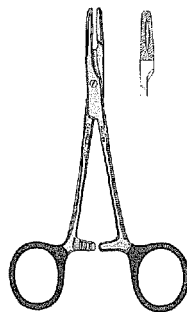
8-4CG



**8-6CG
8-7CG**



8-8CG



**8-15CG
8-16CG**

CERAM-A-GRIP® NEEDLE HOLDERS

Miltex Ceram-A-Grip® needleholders feature a patented ceramic material that is fusion bonded to the jaw to improve and increase jaw gripping power.

8-4CG DERF 4 3/4" (12.1cm)

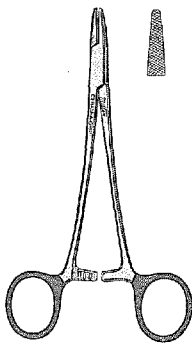
8-6CG WEBSTER 5" (12.7cm), delicate, smooth jaws, standard pattern

8-7CG WEBSTER 4 3/4" (12.1cm), extra delicate, smooth jaws

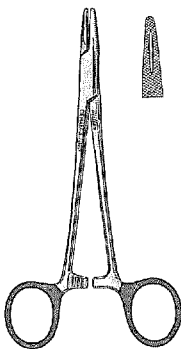
8-8CG HALSEY 5" (12.7cm), smooth jaws

8-15CG OLSEN-HEGAR 5 1/2" (14cm), needle holder/scissors combination

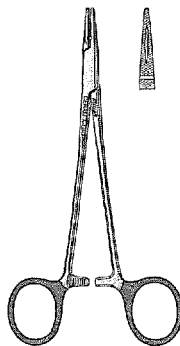
8-16CG OLSEN-HEGAR 6 1/2" (16.5cm), needle holder/scissors combination



8-40CG



**8-42CG
8-44CG
8-46CG
8-48CG**



**8-50CG
8-51CG
8-52CG**

CERAM-A-GRIP® NEEDLE HOLDERS

Miltex Ceram-A-Grip® needleholders feature a patented ceramic material that is fusion bonded to the jaw to improve and increase jaw gripping power.

8-40CG BAUMGARTNER 5 1/2" (14cm)

8-42CG MAYO-HEGAR 5" (12.7cm)

8-44CG MAYO-HEGAR 6" (15.2cm)

8-46CG MAYO-HEGAR 7" (17.8cm)

8-48CG MAYO-HEGAR 8" (20.3cm)

8-50CG CRILE-WOOD 6" (15.2cm)

8-51CG CRILE-WOOD 7" (17.8cm)

8-52CG CRILE-WOOD 8" (20.3cm)

DISPOSABLE EAR CURETTES

Packaged 50/Box



19-320 Ring Tip
19-321 Loop Tip
19-322 Small Spoon Tip
19-323 Large Spoon Tip

FEATURES

- Four Styles of Tips
- Directional Arrow for Correct Placement
- Handle Scored for Finger Placement and Control
- Atraumatic Design
- Single Use - Non Sterile
- Individually Packaged
- Packaged 50 per Dispenser Box

DISPOSABLE DERMAL CURETTES

Packaged 50/Box

33-52 2mm
33-53 3mm
33-54 4mm
33-55 5mm
33-57 7mm

FEATURES

- Five Sizes
- Size marked on every curette
- Curette blade manufactured from beveled surgical grade stainless steel
- Sturdy handle
- Sterile, disposable
- Cost-effective
- Convenient packaging



DISPOSABLE BIOPSY PUNCHES - ASSORTED

Packaged 50/Box

10 each of the following sizes: 2mm, 3mm, 4mm, 5mm, 6mm
Color Coded by size

33-38 Assortment Box - Biopsy Punches

FEATURES

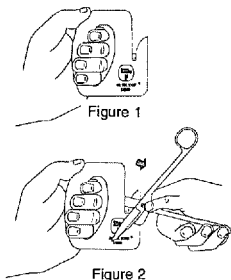
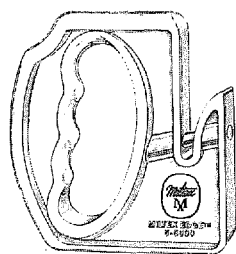
- Individually packaged in color-coded, transparent, sturdy blister pack to protect cutting edge
- Seamless stainless steel razor sharp cutting edge
- Ribbed handle provides maximum control and comfort

NP 20

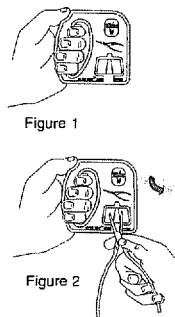
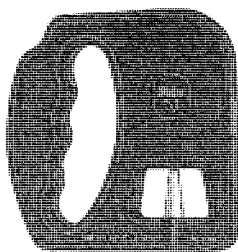
See page 526 for other available sizes



Miltex Edge™ Scissors Sharpener 5-5000



Miltex Nip-It™ Nipper and Bone Cutting Forceps Sharpener 5-5010



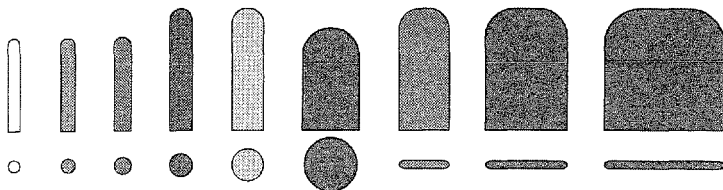
*Not intended for serrated or SuperCut Scissors

Tip-It™ Instrument Guards

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

Steam and Gas Sterilizable. Radiopaque and Latex Free.

50 per pack



PRODUCT NUMBER

DIMENSION

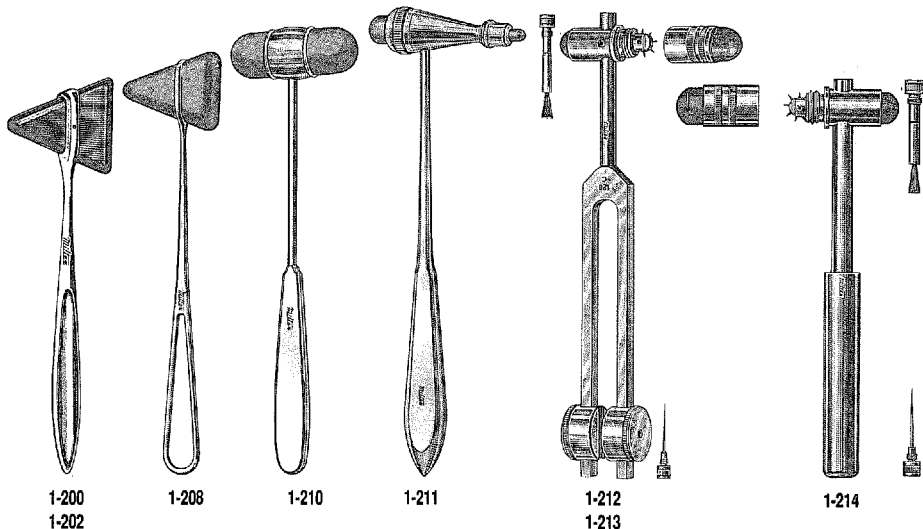
SIZE CODE

COLOR

3-2501	1/16" x 3/4" (1.6mm x 19mm)	1	White
3-2502	5/64" x 3/4" (2mm x 19mm)	2	Blue
3-2503	7/64" x 3/4" (2.8mm x 19mm)	3	Green
3-2504	1/8" x 1" (3.2mm x 25.4mm)	4	Red
3-2505	3/16" x 1" (4.8mm x 25.4mm)	5	Yellow
3-2506	13/32" x 3/4" (10.3mm x 19mm)	6	Maroon
3-2507	1/16" x 3/8" x 1" (1.6mm x 9.5mm x 25.4mm)	7	Orange
3-2508	5/64" x 5/8" x 1" (2mm x 16mm x 25.4mm)	8	Brown
3-2509	1/8" x 1" x 1" (3.2mm x 25.4mm x 25.4mm)	9	Black
3-2510	Assorted, equal number of above, plus 5		



Diagnostic Instruments



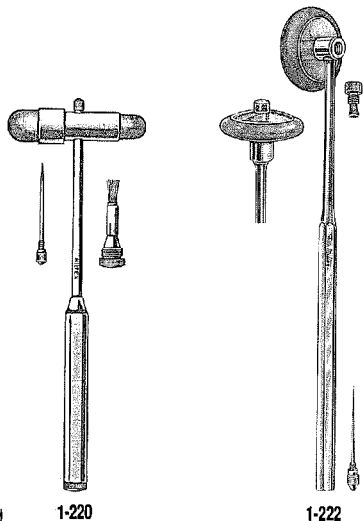
- 1-200 TAYLOR Percussion Hammer 7" (17.8 cm), Pediatric Size, solid handle
- 1-202 TAYLOR Percussion Hammer 7 1/2" (19.1 cm), Standard Size, solid handle, chrome
- 1-208 TAYLOR Percussion Hammer 9" (22.9 cm), Large Head, loop handle, chrome
- 1-210 DEJERINE Percussion Hammer 9 1/2" (24.1 cm), chrome

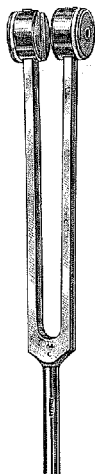
- 1-211 TROMNER Percussion Hammer 9 3/4" (24.8 cm), with Large and Small Rubber Tips, hollow tapered handle with sharp point, chrome

- 1-212 COMBO-5 Neuro Diagnostic Set (C-128 Tuning Fork, Buck Hammer, Pin Wheel, Brush and Needle)
- 1-213 COMBO-5 Neuro Diagnostic Set (C-256 Tuning Fork, Buck Hammer, Pin Wheel, Brush and Needle)
- 1-214 COMBO-4 Neuro Diagnostic Set (Buck Hammer, Pin Wheel, Brush and Needle)

- 1-220 BUCK Neurological Hammer 7 3/4" (19.7 cm), with Brush and Needle (screw into handle), chrome

- 1-222 RABINER Neurological Hammer 9" (22.9 cm), with Brush and Needle (screw into handle), chrome

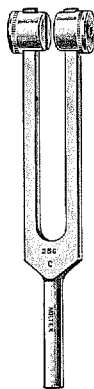




19-100



19-102



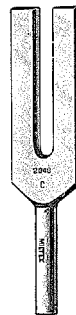
19-104



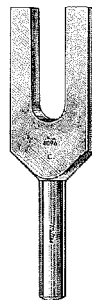
19-106



19-108



19-110



19-112

MILTEX TUNING FORKS, Aluminum Alloy

19-100
19-102
19-104
19-106
19-108
19-110
19-112

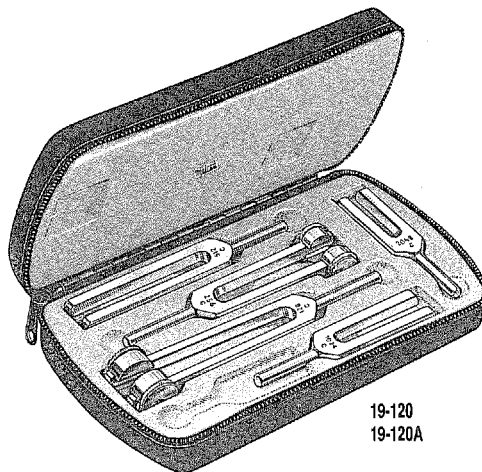
C-64 vibrations
C-128 vibrations
C-256 vibrations
C-512 vibrations
C-1024 vibrations
C-2048 vibrations
C-4096 vibrations

19-120

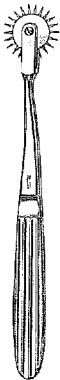
Set of 5 Tuning Forks,
C-128, C-256, C-512,
C-1024 and C-2048 in
fitted zippered case

19-120A

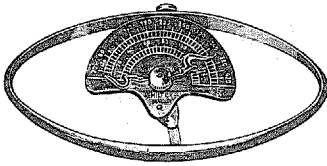
Fitted zippered case only
for tuning fork set



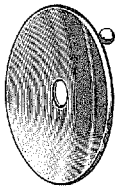
19-120
19-120A



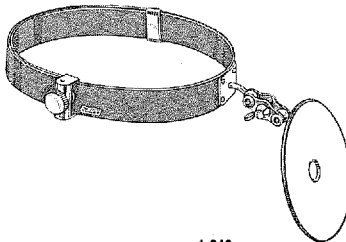
1-226



1-228



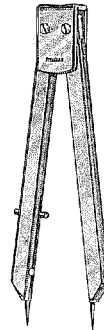
1-242
1-243



1-240
1-244



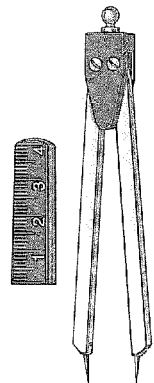
1-3000



1-3005



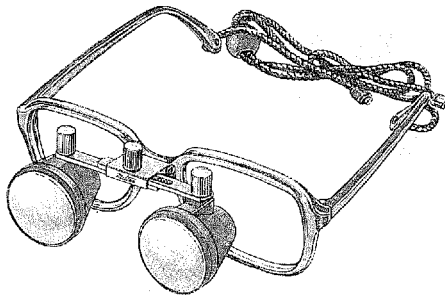
- 1-226** WARTENBERG Neurological Pin Wheel 7" (17.8 cm)
- 1-228** COLLIN Dynamometer, Adult size, 5" x 2 1/4" (12.7 x 5.7 cm)
- 1-240** FRANKEL Head Band and Mirror Set. Includes Standard 3 1/2" (8.9 cm) dia. mirror with 1/2" (1.3 cm) aperture and improved model Frankel Head Band No. 1-244
- 1-242** MILTEX Head Mirror, Standard size 3 1/2" (8.9 cm) dia. with 1/2" (1.3 cm) aperture, boilable
- 1-243** MILTEX Head Mirror, Small size 3" (7.6 cm) dia. with 3/8" (1.6 cm) aperture, boilable
- 1-244** FRANKEL Head Band, Black fibre material, improved pattern with secure thumb screw size adjustment; includes swivel mirror connector
- 1-3000** EKG Caliper, with protective metal cap, graduated in mm, and ring, satin chrome finish
- 1-3005** EKG Caliper, with protective metal cap, graduated in mm, and pocket clip, satin chrome finish
- 1-3015** EKG Caliper, Economy line, with protective black plastic cap, graduated in mm, nickel plated



1-3015



1-3200

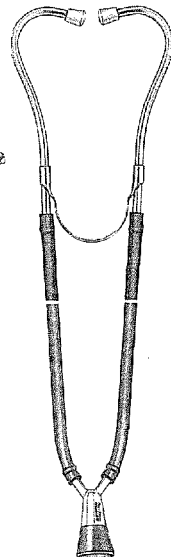


1-4000

1-4006



1-4010

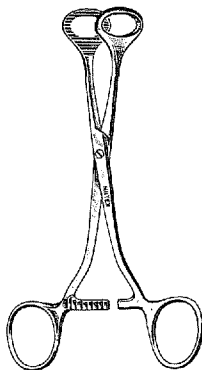


1-4

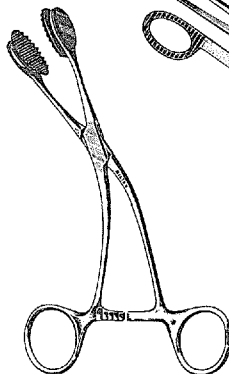
- 1-3200** MILTEX Fibreglass Tape Measure, 1/4" (6.4 mm) wide, graduated to 60" (152.4 cm) on one side, to 150 cm on other side. Plastic case with pushbutton tape return
- 1-4000** MILTEX Binocular Magnifying Loupe, lightweight, coated optics 1.8X magnification, 30 cm focal distance, 10 cm viewing area, pupillary distance adjustment, mounted on spectacle frame. With carrying case
- 1-4006** MILTEX Binocular Magnifying Loupe, same as No. 1-4000, but without spectacle frame and without case
- 1-4010** Accessory Clip-On Lenses, for No. 1-4000 and 1-4006 Loupes, increasing magnification to 2.5X, with 17 cm focal distance, 4.5 cm viewing area
- 1-4** FORD Stethoscope with shallow bell and plastic ear tips, chrome



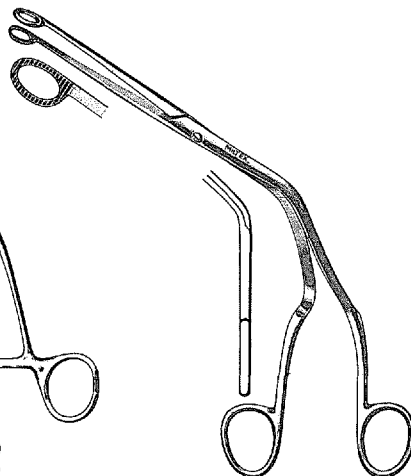
2-20



2-50

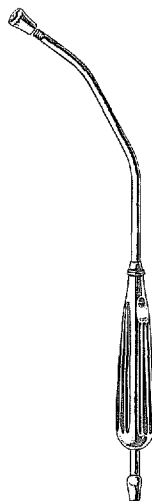


2-60
2-62



2-70
2-72

- 2-20 MAUNDER Oral Screw, white plastic
- 2-50 COLLIN Tongue Seizing Forceps 6 $\frac{3}{4}$ " (17.1 cm) jaws 25mm wide
- 2-60 YOUNG Tongue Seizing Forceps 6 $\frac{1}{2}$ " (16.5 cm), with soft rubber jaws
- 2-62 RUBBER JAWS for Young Tongue Forceps
- 2-70 MAGILL Endotracheal Catheter Introducing Forceps 9" (22.9 cm), adult size
- 2-72 MAGILL Endotracheal Catheter Introducing Forceps 7" (17.8 cm), child size
- 2-104 YANKAUER Suction Tube 11 $\frac{3}{4}$ " (29.8 cm), with removable tip and tubing connection, chrome
- 2-104SS YANKAUER Suction Tube 11 $\frac{3}{4}$ " (29.8 cm), with removable tip and tubing connection
- 2-106 Tip for YANKAUER Suction Tube, chrome
- 2-106SS Tip for YANKAUER Suction Tube



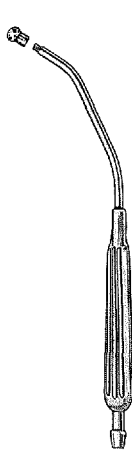
2-104
2-104SS



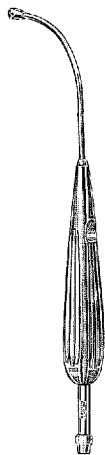
2-106
2-106SS



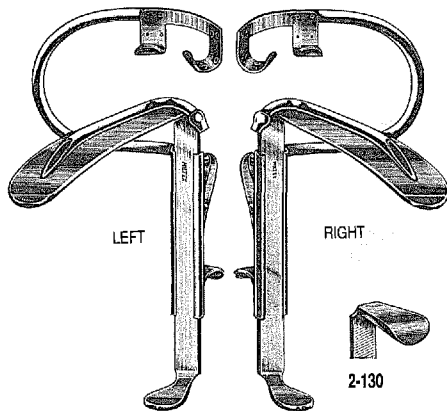
2-100



2-109

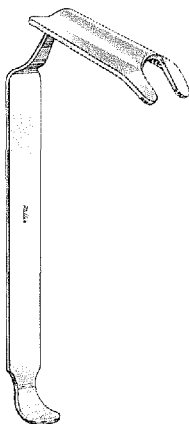


2-110
2-110SS



2-120 to 2-122
2-132 to 2-138A

2-130



2-140 to 2-147

- 2-100** PYNCHON Suction Tube 11" (27.9 cm), tip with large openings, with removable tubing connection, chrome
- 2-109** YANKAUER Pediatric Suction Tube 8 1/2" (21.6 cm), with removable tip, delicate pattern
- 2-110** ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern, chrome
- 2-110SS** ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern
- 2-120** DAVIS Mouth Gag 6 1/4" (15.9 cm), double bite, left, without blades
- 2-122** DAVIS Mouth Gag 6 1/4" (15.9 cm), double bite, right, without blades

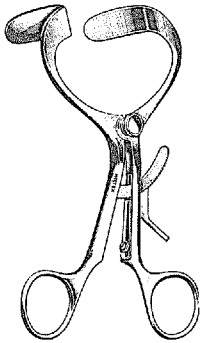
BLADES FOR DAVIS OR McIVOR MOUTH GAGS

W/o Ether Tube	Size No.	Size		W/Ether Tube
2-130	1	3/4" x 1" (1.9 x 2.5 cm)	Tooth Plate	—
2-132	2	1" x 2 3/4" (2.5 x 7 cm)	Tongue Blade	2-132A
2-134	3	1" x 3 1/4" (2.5 x 8.3 cm)	Tongue Blade	2-134A
2-136	4	1" x 3 3/4" (2.5 x 9.5 cm)	Tongue Blade	2-136A
2-138	5	1" x 4" (2.5 x 10.2 cm)	Tongue Blade	2-138A

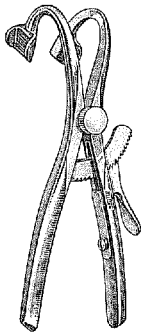
RING TONGUE RETRACTOR BLADES

For use with Davis or McIvor Mouth Gags. Grooved blade holds endotracheal tube firmly in place.

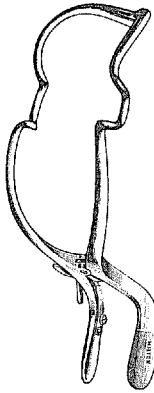
Left	Size No.	Size	Right
2-140	2	7/8" x 2 1/4" (2.2 x 5.7 cm)	2-144
2-141	3	1 1/8" x 3" (2.9 x 7.6 cm)	2-145
2-142	4	1 1/4" x 3 1/2" (3.2 x 8.9 cm)	2-146
2-143	5	1 1/2" x 3 3/4" (3.8 x 9.5 cm)	2-147



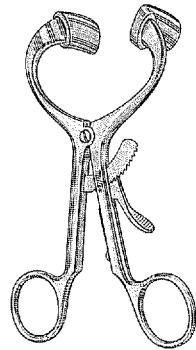
2-150



2-154



2-160
2-162
2-164



63-10
63-15
63-20

2-150 DOYEN-JANSEN Mouth Gag 5½" (14 cm), with grip lock

2-154 DENHARDT Mouth Gag 5" (12.7 cm), with grip lock

2-160 JENNINGS Mouth Gag, adult size, 6" (15.2 cm) wide

2-162 JENNINGS Mouth Gag, child size, 4¾" (12.1 cm) wide

2-164 JENNINGS Mouth Gag, infant size, 3¾" (9.5 cm) wide

2-180 McIVOR Mouth Gag, 5¾" (14.6 cm), complete with 3 tongue blades, one each Nos. 2-132, 2-134 and 2-136

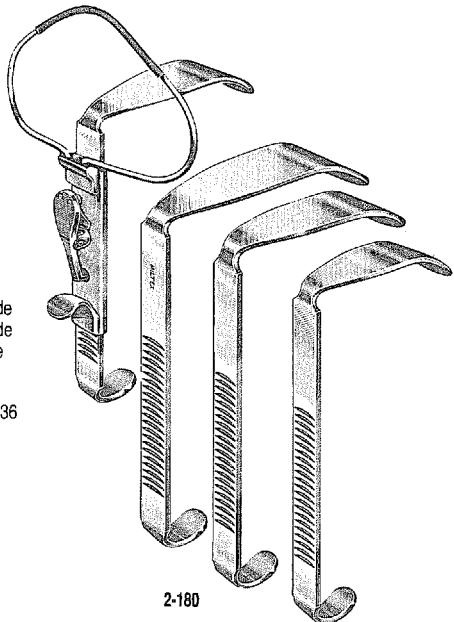
2-182 McIVOR Mouth Gag, 5¾" (14.6 cm), frame only

MOLT Mouth Gags with silicone guards

63-10 Pediatric 4" (10.7 cm)

63-15 Child 4½" (11.4 cm)

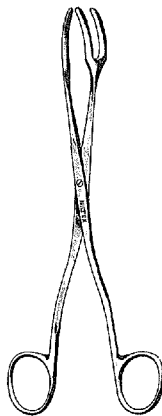
63-20 Adult 5½" (14 cm)



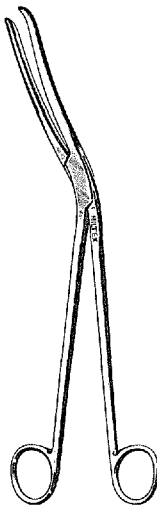
2-180



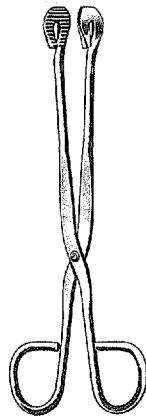
3-2
3-4



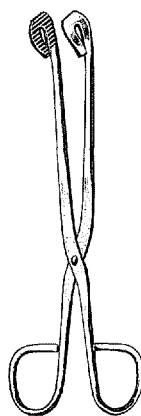
3-10



3-14



3-20
3-24



3-22
3-26

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)

3-14 CHEATLE Sterilizer Forceps 11" (27.9 cm)

3-20 Utility-Sterilizer Forceps 8" (20.3 cm), straight

3-22 Utility-Sterilizer Forceps 8" (20.3 cm), curved

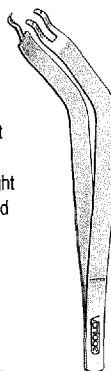
3-24 Utility-Sterilizer Forceps 11" (27.9 cm), straight

3-26 Utility-Sterilizer Forceps 11" (27.9 cm), curved

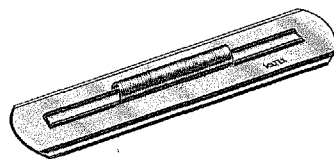
3-50 Sterilizer Spiral Rack for surgical needles

3-60 BUNT Forceps Holder

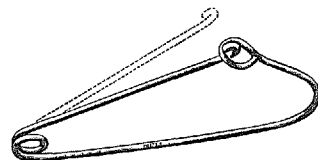
65-25 Grasping Forceps 6 1/4" (15.9 cm)
Designed to grasp instruments from the ultrasonic and cold sterilization solution trays, containers and baskets.



65-25



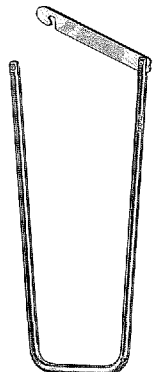
3-50



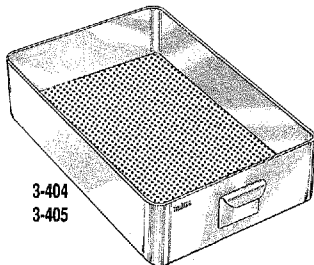
3-60



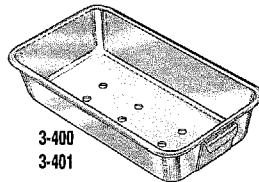
Sterilizing Aids



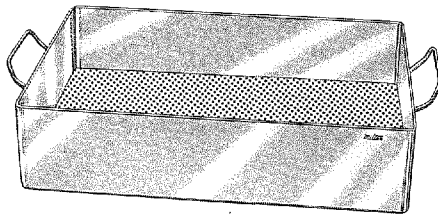
3-70 to 3-74



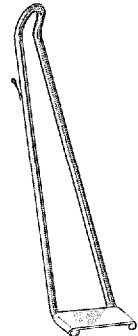
3-404
3-405



3-400
3-401



3-499 to 3-502



3-402



65-28

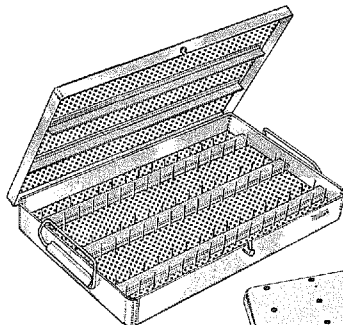
- 3-70 MILTEX Forceps Holder 8" (20.3 cm), with secure locking device
- 3-71 MILTEX Forceps Holder 10" (25.4 cm), with secure locking device
- 3-72 MILTEX Forceps Holder 12" (30.5 cm), with secure locking device
- 3-74 MILTEX Forceps Holder 16" (40.6 cm), with secure locking device
- 3-400 Flash Autoclaving Pan 9" x 5" x 2" (22.9 x 12.7 x 5.1 cm) with drainage holes, including safety handle
- 3-401 Flash Autoclaving Pan only
- 3-402 Safety Handle only
- 3-404 Flash Autoclaving Tray 10" x 6 1/2" x 2 1/2" (25.4 x 16.5 x 6.4 cm) with perforated bottom, including safety handle
- 3-405 Flash Autoclaving Tray only

INSTRUMENT STERILIZING TRAYS

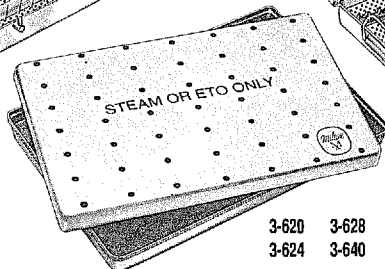
With handles. Rolled safety edges. Perforated bottoms assure complete steam penetration with no build-up of condensation.

- 3-499 Outside Dimensions 10" x 6 1/2" x 2 1/2" (25.4 x 16.5 x 6.4 cm)
- 3-500 Outside Dimensions 10" x 10 1/2" x 3 1/2" (25.4 x 26.7 x 8.9 cm)
- 3-501 Outside Dimensions 15" x 10 1/2" x 3 1/2" (38.1 x 26.7 x 8.9 cm)
- 3-502 Outside Dimensions 20" x 10 1/2" x 3 1/2" (50.8 x 26.7 x 8.9 cm)

- 65-28 Mesh Holder, 6 3/4" (17.1 cm), 2 1/8" (5.4 cm) inside diameter of basket, securely holds small items such as micro clips, screws, burs etc., during cleaning, rinsing or sterilization



3-550 to 3-554



3-570 to 3-576

3-620 3-628
3-624 3-640

MICRO INSTRUMENT STERILIZING CASES

With handles and removable cover. Double rows of pins welded to bottom hold instruments in place. Strips of silicone rubber cushions on bottom and cover give added protection to instruments. Perforated cover and bottom assure complete heat penetration with no build-up of condensation. All edges rolled for safety. Easily operated lock holds cover securely.

- 3-550 Outside Dimensions 8" x 8 1/2" x 1 1/4" (20.3 x 21.6 x 3.2 cm)
- 3-552 Outside Dimensions 8" x 12 1/4" x 1 1/4" (20.3 x 31.1 x 3.2 cm)
- 3-554 Outside Dimensions 10 1/2" x 10" x 1 1/2" (26.7 x 25.4 x 3.8 cm)

Same features as described above, except double rows of silicone rubber cushions on bottom are adjustable to lengths of instruments. Upper silicone rubber strips hold instruments securely.

- 3-570 Outside Dimensions 8 1/2" x 8" x 1 1/4" (21.6 x 20.3 x 3.2 cm)
- 3-572 Outside Dimensions 8 1/2" x 12" x 1 1/4" (21.6 x 30.5 x 3.2 cm)
- 3-574 Outside Dimensions 10 1/2" x 10" x 1 1/2" (26.7 x 25.4 x 3.8 cm)
- 3-576 Outside Dimensions 10 1/2" x 15" x 1 1/4" (26.7 x 38.1 x 3.2 cm)

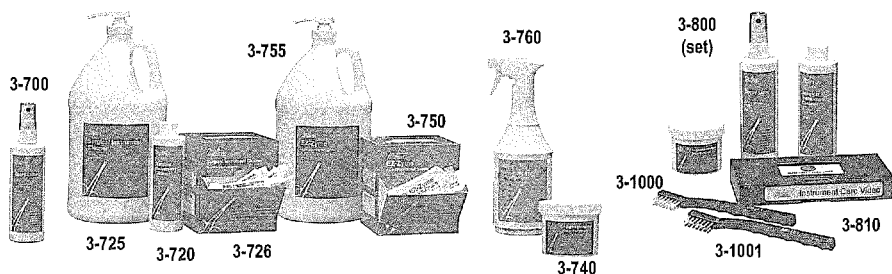
"CTS" COLOR TRAY SYSTEM

Each tray measures 11 1/8" x 7 1/4" x 1 5/16" (28.2 x 18.4 x 4.1 cm). Lightweight anodized aluminum. Tops available in red, blue and silver. All tray bottoms are silver. Each tray supplied with 2 sets of pre-cut foam which are steam and EO permeable. *Not for use with Dry Heat or Cold Sterilizing Solutions.*

- 3-620 Red
- 3-624 Blue
- 3-628 Silver
- 3-640 Pre-Cut "CTS" Foam. 6 sets of 2



Instrument Care Products

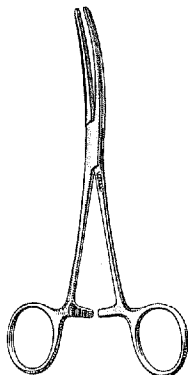


- 3-700** MILTEX Spray Lube, 8 fl. oz. (0.24 liter) bottles (case of 12). Pre-mixed non-silicon water soluble formula in pump spray bottles. Lubricates all moving parts on surgical instruments.
- 3-720** MILTEX Surgical Instrument Cleaner, 8 fl. oz. (0.24 liter) bottles (case of 12). Contents of one 8 oz. bottle makes 32 gallons of solution. Neutral pH formula for use in ultrasonic or manual cleaning of surgical instruments, glassware, plastic, metal or rubber goods.
- 3-725** MILTEX Surgical Instrument Cleaner, 1-gallon bottle (3.78 liter) (case of 4). Contents of 1-gallon container makes 512 gallons of solution.
- 3-726** MILTEX Surgical Instrument Cleaner, 1/4 fl. oz. (7.4 ml) packets (dispenser box of 80). Contents of 1-box makes 80 gallons of solution.
- 3-740** MILTEX Surgical Instrument Stain Remover, 3 oz. (85 grams) (case of 12). Special powdered formula removes stains and tarnishes, restores luster to surgical instruments, autoclaves, ultrasonic cleaners, stainless steel countertops, trays and stands.
- 3-750** MILTEX EZ-Zyme All Purpose Enzyme Cleaner, 3/4 oz. (22 ml) packets (dispenser box of 32). Contents of 1-box makes 32 gallons of solution. Neutral pH multi-enzyme liquid concentrate ideal for instrument presoak, ultrasonic cleaning, laundry presoak and evacuation system cleaner.
- 3-755** MILTEX EZ-Zyme All Purpose Enzyme Cleaner, 1-gallon bottle (3.78 liter) (case of 4). Contents of 1-gallon container makes 170 gallons of solution.
- 3-760** Instrument Prep Enzyme Foam, 24 oz. (0.71 liter) spray bottles (case of 12). Ready-to-use foaming spray for pre-cleaning of soiled instruments and scopes (rigid & flexible). Ideal for applications where instrument cleaning is not immediately available.
- 3-800** MILTEX Instrument Care System Kit includes one each of the following: Spray Lube, Surgical Instrument Cleaner, Surgical Instrument Stain Remover, Instrument Care Video, Nylon Brush and Stainless Steel Brush.
- 3-810** MILTEX Instrument Care Video, 25-minute Instructional Video designed to help practitioners and staff properly care for instruments.
- 3-1000** MILTEX Instrument Cleaning Brushes 7-1/4" (18.4cm), Nylon Bristles (Set of 3). Designed to clean instruments without scratching or harming delicate surfaces. Autoclavable.
- 3-1001** MILTEX Instrument Cleaning Brushes 7-1/4" (18.4cm), Stainless Steel Bristles (Set of 3). Designed to clean instrument serrations, rasps, files and burs. Autoclavable.

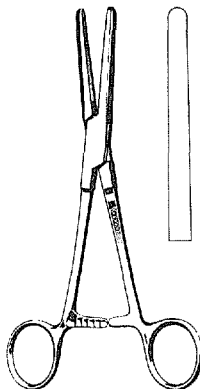
Tubing Clamps



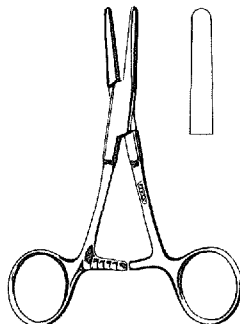
3-2000



V97-584



V97-590



V97-588

3-2000 MILTEX Occlusion Clamp for arteriovenous cannula, 1 3/4" (4.4 cm), cross action

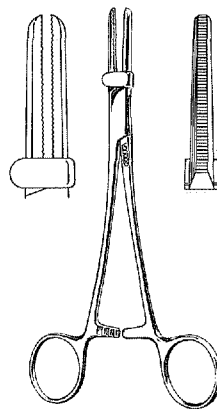
V97-584 ST. VINCENTS Tube Occluding Clamp 6 1/2" (16.5 cm), curved, smooth jaws

V97-590 PRESBYTERIAN HOSPITAL Tube Occluding Clamp 7" (17.8 cm), straight, smooth jaws, heavy pattern

V97-588 English Pattern Tube Occluding Clamp 4 1/2" (11.4 cm), straight, smooth jaws

V97-585 U.S. Pattern Tube Occluding Clamp 5 3/4" (14.6 cm), straight, serrated jaws, with guard

V97-591 U.S. Pattern Tube Occluding Clamp 7 1/2" (19.1 cm), straight, serrated jaws, with guard



V97-585
V97-591



4-7*
4-7R*



4-8*
4-8R*



4-9



4-10



4-11



4-12



4-16

- 4-7 *KNIFE HANDLE No. 3 fitting surgical blades Nos. 10 thru 15, Extra Fine
- 4-7R *Same as No. 4-7, but Economy Grade, Rustless, Nickel Plated
- 4-8 *KNIFE HANDLE No. 4 fitting surgical blades Nos. 20 thru 25, Extra Fine
- 4-8R *Same as No. 4-8, but Economy Grade, Rustless, Nickel Plated
- 4-9 KNIFE HANDLE No. 7, fitting surgical blades Nos. 10 thru 15, Extra Fine
- 4-10 KNIFE HANDLE No. 3L, for deep surgery, fitting blades Nos. 10 thru 15, Extra Fine
- 4-11 KNIFE HANDLE No. 4L, for deep surgery, fitting blades Nos. 20 thru 25, Extra Fine
- 4-12 KNIFE HANDLE No. 3LA, angled tip, for deep surgery, fitting blades Nos. 10 thru 15, Extra Fine
- 4-16 KNIFE HANDLE, No. 9, fitting blades Nos. 10 thru 15, Extra Fine

*Handles have mm and cm graduations



4-17



4-18



4-20



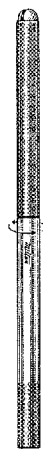
4-30



4-31



4-400

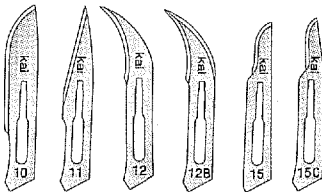


4-401

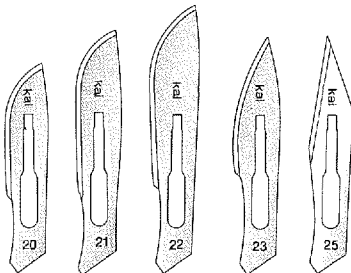
- 4-17** SIEGEL Knife Handle 6" (15.2 cm) round, fitting blades Nos. 10 thru 15
- 4-18** Knife Handle Style No. 5, 5" (12.7 cm), green plastic w/stainless tip, fitting blades Nos. 10 thru 15
- 4-20** Knife Handle Style No. 6, 5½" (13.3 cm), red plastic w/stainless tip, fitting blades Nos. 20 thru 25
- E-Z-OFF Reusable Plastic Knife Handles (Pat. Pend.), autoclavable, permitting quick and safe removal of blade, box of 10
- 4-30** Style No. 3, fitting blades Nos. 10 thru 15, grey color
- 4-31** Style No. 4, fitting blades Nos. 20 thru 25, blue color
- 4-400** Miniature Blade Handle w/chuck, 3¾" (9.5 cm), round knurled (3K type)
- 4-401** Miniature Blade Handle w/self-locking chuck, 3¾" (9.5 cm), round knurled (3K type)



Sterile Surgical Blades



(Fits handles #s 3, 3L, 3LA, 5, 7, 9, SIEGEL)



(Fits handles #s 4, 4L, 6)



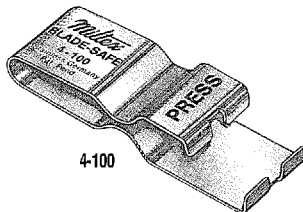
4-110 to 4-125

MILTEX SURGICAL BLADES — Made by Kai

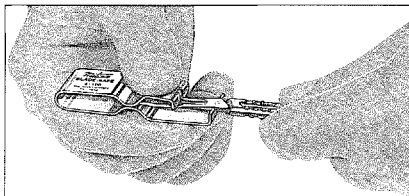
Individually sealed in Foil Peel Packs.
Packed 100 blades to a Dispenser Box.
Sterilized by Gamma Radiation 2.5M Rads.

CARBON STEEL — STERILE

	Blade Size
4-110	10
4-111	11
4-112	12
4-112B	12B
4-115	15
4-115C	15C
4-120	20
4-121	21
4-122	22
4-123	23
4-125	25
4-100	

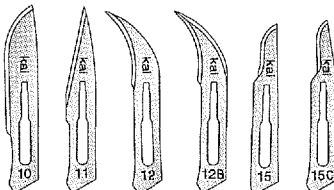


4-100

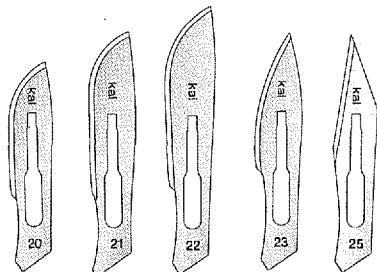


BLADE SAFE Surgical Blade Remover, will remove blades easily and safely from any style surgical handle.

Sterile Surgical Blades



(Fits handles #s 3, 3L, 3LA, 5, 7, 9, SIEGEL)



(Fits handles #s 4, 4L, 6)



4-310 to 4-325

MILTEX SURGICAL BLADES — Made by Kai

Individually sealed in Foil Peel Packs.
Packed 100 blades to a Dispenser Box.
Sterilized by Gamma Radiation 2.5M Rads.

STAINLESS STEEL — STERILE

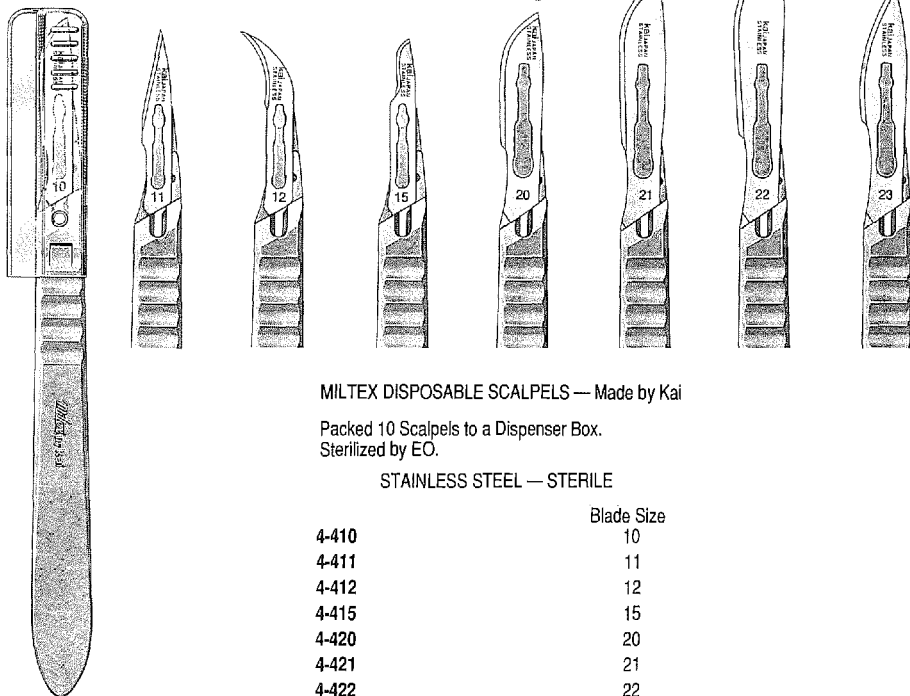
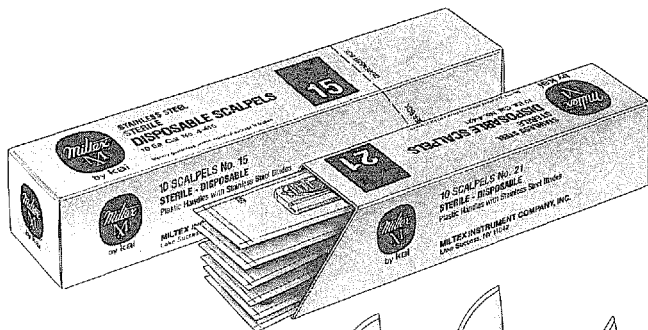
	Blade Size
4-310	10
4-311	11
4-312	12
4-312B	12B
4-315	15
4-315C	15C
4-320	20
4-321	21
4-322	22
4-323	23
4-325	25



Sterile Disposable Scalpels

Miltex single-use Scalpels are pre-assembled: Stainless steel surgical blades mounted on plastic handles with fluted finger-grips. The scalpel blade is safely protected by a new type easy pull-off protector.

Each sterile scalpel is sealed in a peel-apart see-through package. 10 scalpels are packaged in a handy dispenser box for convenient use. Scalpels are supplied sterile - ready-to-use.

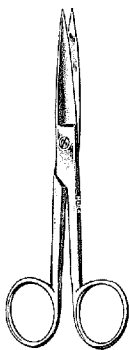


MILTEX DISPOSABLE SCALPELS — Made by Kai

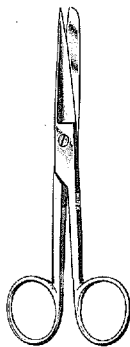
Packed 10 Scalpels to a Dispenser Box.
Sterilized by EO.

STAINLESS STEEL — STERILE

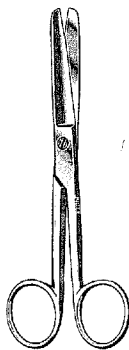
	Blade Size
4-410	10
4-411	11
4-412	12
4-415	15
4-420	20
4-421	21
4-422	22
4-423	23



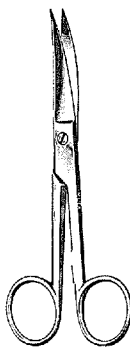
5-2 to 5-8



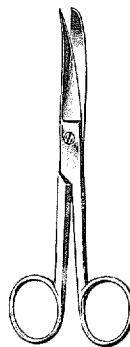
5-12 to 5-19



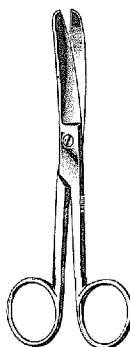
5-22 to 5-28



5-32 to 5-38



5-42 to 5-49



5-52 to 5-58

STANDARD PATTERN OPERATING SCISSORS

Straight

Curved

Straight

Curved

Sharp-sharp points

Sharp-blunt points

5-2

4½" (11.4 cm)

5-32

5-12

4½" (11.4 cm)

5-42

5-4

5" (12.7 cm)

5-34

5-14

5" (12.7 cm)

5-44

5-6

5½" (14 cm)

5-36

5-16

5½" (14 cm)

5-46

5-7

6" (15.2 cm)

5-37

5-17

6" (15.2 cm)

—

5-8

6½" (16.5 cm)

5-38

5-18

6½" (16.5 cm)

5-48

5-19

7½" (19.1 cm)

5-49

Straight

Curved

Blunt-blunt points

5-22

4½" (11.4 cm)

5-52

5-24

5" (12.7 cm)

5-54

5-26

5½" (14 cm)

5-56

5-27

6" (15.2 cm)

—

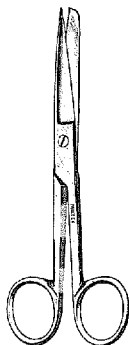
5-28

6½" (16.5 cm)

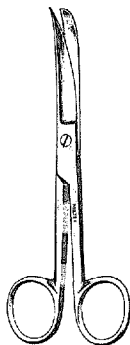
5-58



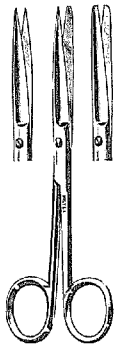
Operating Scissors



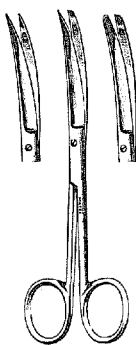
5-70 to 5-73



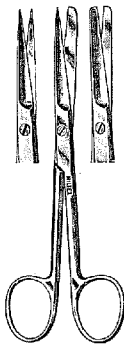
5-74 to 5-77



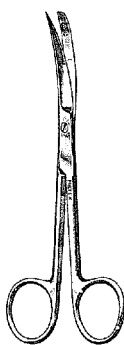
5-60 to 5-62
5-80 to 5-84



5-63 to 5-65
5-86 to 5-90



5-100 to 5-104



5-106 to 5-108

SERRATEX OPERATING SCISSORS

Standard Pattern Operating Scissors. One blade with fine serrations reduces tissue slippage.

Straight

Curved

5-70	5½" (14 cm) Sharp-sharp points
5-72	5½" (14 cm) Sharp-blunt points
5-73	5½" (14 cm) Blunt-blunt points

5-74
5-76
5-77

NOTE: Serrated blades are available on all types of scissors, on special request.

LIGHTWEIGHT OPERATING SCISSORS

Delicate pattern designed for pediatric, vascular and other delicate procedures.

Straight

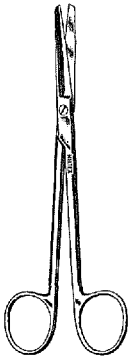
Curved

	Sharp-sharp points	
5-60	5" (12.7 cm)	5-63
5-80	5½" (14 cm)	5-86
	Sharp-blunt points	
5-61	5" (12.7 cm)	5-64
5-82	5½" (14 cm)	5-88
	Blunt-blunt points	
5-62	5" (12.7 cm)	5-65
5-84	5½" (14 cm)	5-90

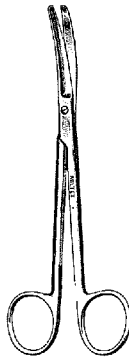
DEAVER SCISSORS 5½" (14 cm)

5-100	Straight, sharp-sharp points	5-106	Curved, sharp-sharp points
5-102	Straight, sharp-blunt points	5-108	Curved, sharp-blunt points
5-104	Straight, blunt-blunt points		

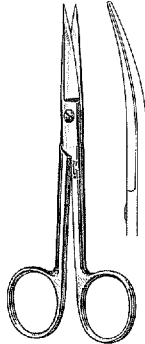
Operating Scissors



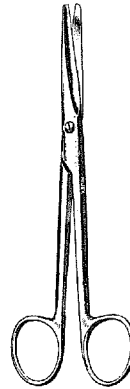
5-112



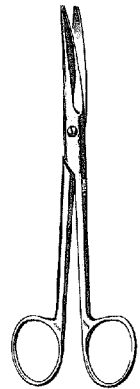
5-114



5-115
5-116



5-120
5-124



5-122
5-126

5-112

MIXTER Scissors 6 1/4" (15.9 cm), straight, blunt points

5-114

MIXTER Scissors 6 1/4" (15.9 cm), curved, blunt points

5-115

MAYO Operating Scissors 5 1/2" (14 cm), straight, heavy pattern, sharp points

5-116

MAYO Operating Scissors 5 1/2" (14 cm), curved, heavy pattern, sharp points

5-120

MAYO Dissecting Scissors 5 1/2" (14 cm), straight, standard beveled blades

5-122

MAYO Dissecting Scissors 5 1/2" (14 cm), curved, standard beveled blades

5-124

MAYO Dissecting Scissors 6 3/4" (17.1 cm), straight, standard beveled blades

5-126

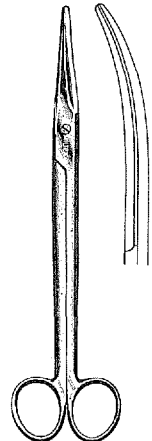
MAYO Dissecting Scissors 6 3/4" (17.1 cm), curved, standard beveled blades

5-128

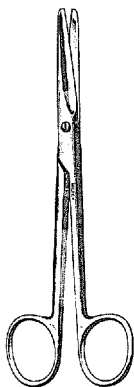
MAYO Dissecting Scissors 9" (22.9 cm), straight, standard beveled blades

5-130

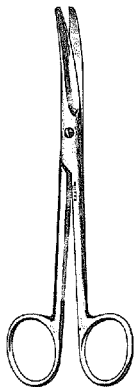
MAYO Dissecting Scissors 9" (22.9 cm), curved, standard beveled blades



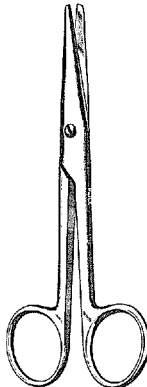
5-128
5-130



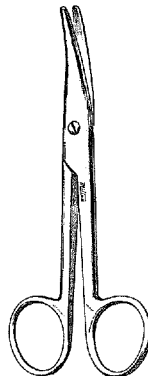
5-132



5-134



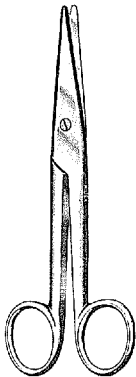
**5-136
5-140**



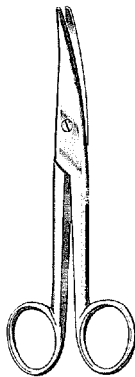
**5-138
5-142**

- 5-132** SERRATEX-MAYO Dissecting Scissors 6 $\frac{3}{4}$ " (17.1 cm), straight, one fine serrated blade
- 5-134** SERRATEX-MAYO Dissecting Scissors 6 $\frac{3}{4}$ " (17.1 cm), curved, one fine serrated blade
- 5-136** MAYO Dissecting Scissors 5 $\frac{1}{2}$ " (14 cm), straight, rounded blades
- 5-138** MAYO Dissecting Scissors 5 $\frac{1}{2}$ " (14 cm), curved, rounded blades
- 5-140** MAYO Dissecting Scissors 6 $\frac{3}{4}$ " (17.1 cm), straight, rounded blades
- 5-142** MAYO Dissecting Scissors 6 $\frac{3}{4}$ " (17.1 cm), curved, rounded blades

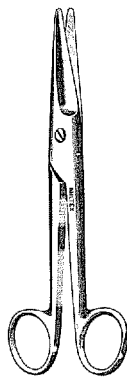
Operating Scissors



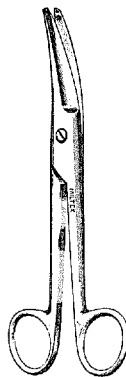
5-144



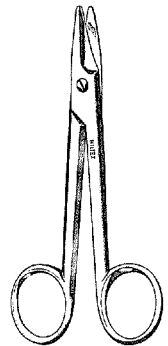
5-146



5-148



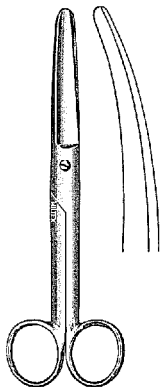
5-150



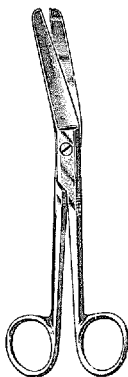
5-152

5-154

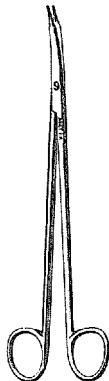
- 5-144 MAYO-NOBLE Dissecting Scissors 6½" (16.5 cm), straight, rounded blades
- 5-146 MAYO-NOBLE Dissecting Scissors 6½" (16.5 cm), curved, rounded blades
- 5-148 MAYO-NOBLE Dissecting Scissors 6½" (16.5 cm), straight, beveled blades
- 5-150 MAYO-NOBLE Dissecting Scissors 6½" (16.5 cm), curved, beveled blades
- 5-152 SISTRUNK Scissors 5½" (14 cm), straight
- 5-154 SISTRUNK Scissors 5½" (14 cm), slightly curved



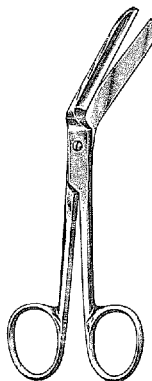
5-160
5-162



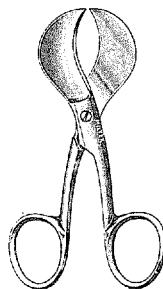
5-166



5-172 to 5-178

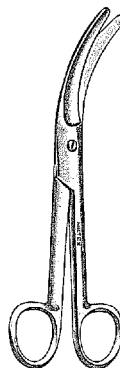


30-2190
30-2195



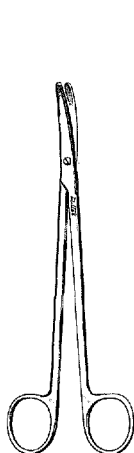
30-2575

- 5-160 DOYEN Abdominal Scissors 7" (17.8 cm), straight
- 5-162 DOYEN Abdominal Scissors 7" (17.8 cm), curved
- 5-166 FERGUSON Abdominal Scissors 7" (17.8 cm), angled on flat
- 5-172 REYNOLDS Dissecting Scissors 6" (15.2 cm), curved, tenotomy type dissecting tips
- 5-174 REYNOLDS Dissecting Scissors 6" (15.2 cm), curved, tenotomy type dissecting tips, one serrated blade
- 5-176 REYNOLDS Dissecting Scissors 7" (17.8 cm), curved, tenotomy type dissecting tips
- 5-178 REYNOLDS Dissecting Scissors 7" (17.8 cm), curved, tenotomy type dissecting tips, one serrated blade
- 30-2190 BRAUN Episiotomy Scissors 5½" (14 cm), angled to side, guarded lower blade
- 30-2195 BRAUN Episiotomy Scissors 8½" (21.6 cm), angled to side, guarded lower blade
- 30-2575 Umbilical Scissors 4⅞" (10.5 cm), American Pattern
- 30-2580 BUSCH Scissors 6½" (16.5 cm), curved on side

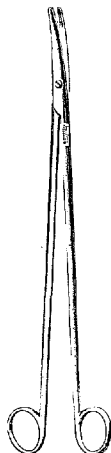


30-2580

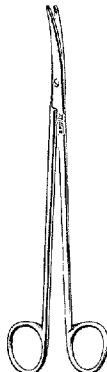
Operating Scissors



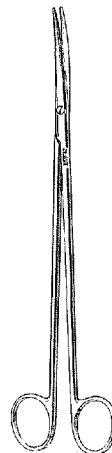
5-180
5-182
5-184



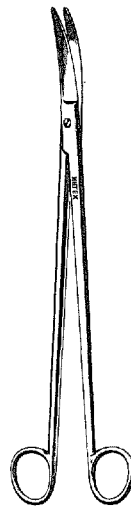
5-188
5-192
5-196



5-284
5-286
5-288



5-185
5-189
5-193



5-200
5-202

METZENBAUM SCISSORS – STANDARD PATTERN

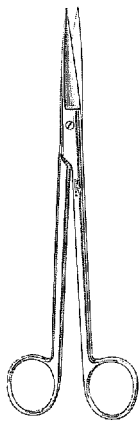
Straight	Length	Curved
5-179	5½" (14 cm) (Lahey)	5-180
5-181	7" (17.8 cm)	5-182
—	8" (20.3 cm)	5-184
5-186	9" (22.9 cm) (Nelson)	5-188
5-190	11" (27.9 cm) (Nelson)	5-192
5-194	14½" (36.8 cm) (Nelson)	5-196

METZENBAUM SCISSORS – DELICATE PATTERN

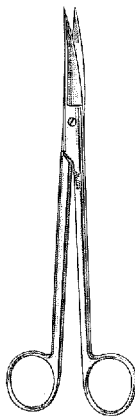
Straight	Length	Curved
5-283	5" (12.7 cm)	5-284
—	6" (15.2 cm)	5-286
—	7" (17.8 cm)	5-288
5-183	8" (20.3 cm)	5-185
5-187	9" (22.9 cm)	5-189
—	11" (27.9 cm)	5-193

5-200 HARRINGTON Scissors 11½" (29.2 cm), straight

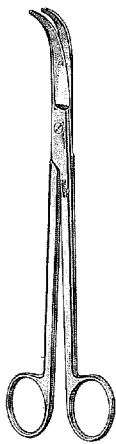
5-202 HARRINGTON Scissors 11½" (29.2 cm), curved



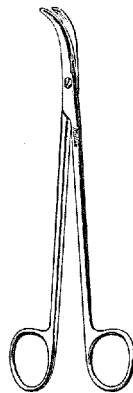
5-220
5-222
5-224



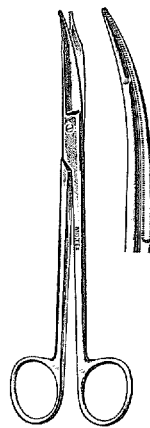
5-226
5-228
5-230



5-243



5-244
5-245



27-1000

- 5-220 SIMS Scissors 8" (20.3 cm), straight, sharp-sharp points
- 5-222 SIMS Scissors 8" (20.3 cm), straight, sharp-blunt points
- 5-224 SIMS Scissors 8" (20.3 cm), straight, blunt-blunt points
- 5-226 SIMS Scissors 8" (20.3 cm), curved, sharp-sharp points
- 5-228 SIMS Scissors 8" (20.3 cm), curved, sharp-blunt points
- 5-230 SIMS Scissors 8" (20.3 cm), curved, blunt-blunt points

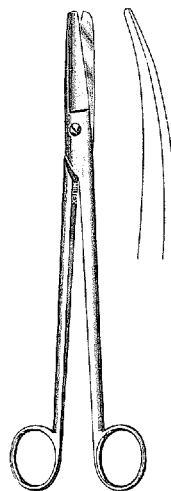
5-243 JORGENSEN Scissors 9" (22.9 cm), strongly curved blades

5-244 THOREK Scissors 7 1/4" (18.4 cm), full curve

5-245 THOREK Scissors 10" (25.4 cm), full curve

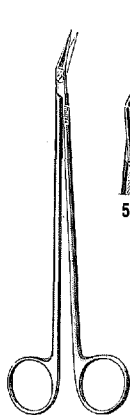
27-1000 MARTIN Cartilage Scissors 8" (20.3 cm), serrated non-slip cutting edges

30-2605 DUBOIS Scissors 10 1/2" (26.7 cm), curved, extra heavy pattern, blunt points



30-2605

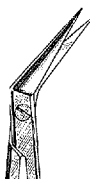
Operating Scissors



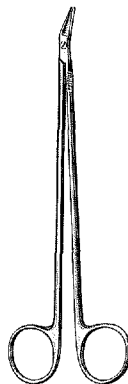
5-246



5-247



5-248



5-249A



5-249B



5-249C

5-246 POTTS-SMITH Scissors 7 1/2" (19.1 cm), angled on side 25°, 20 mm blades

5-247 POTTS-SMITH Scissors 7 1/2" (19.1 cm), angled on side 45°, 20 mm blades

5-248 POTTS-SMITH Scissors 7 1/2" (19.1 cm), angled on side 60°, 20 mm blades

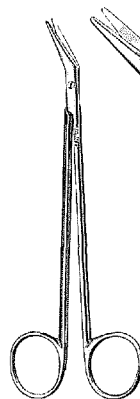
5-249A POTTS-SMITH Scissors 7" (17.8 cm), delicate, angled on side 25°, 13 mm blades

5-249B POTTS-SMITH Scissors 7" (17.8 cm), delicate, angled on side 45°, 13 mm blades

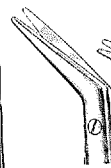
5-249C POTTS-SMITH Scissors 7" (17.8 cm), delicate, angled on side 60°, 13 mm blades

25-1240B DeBAKEY-POTTS Scissors 6 3/4" (17.1 cm), dull tips, angled on side 45°

25-1240C DeBAKEY-POTTS Scissors 6 3/4" (17.1 cm), dull tips, angled on side 60°



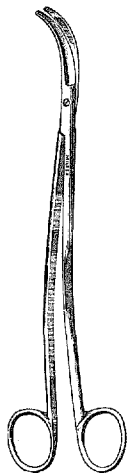
25-1240B



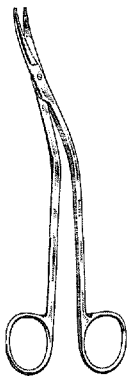
25-1240C



Operating Scissors



25-1280



28-240



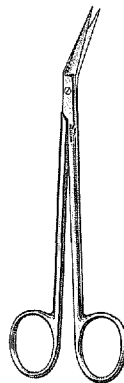
5-250
5D-251



5-252
5D-253

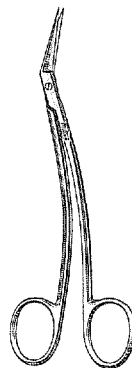


5-254
5D-255



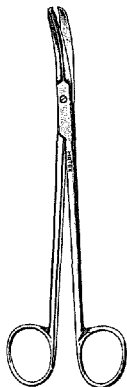
5D-328

- 25-1280** SATINSKY Scissors 10" (25.4 cm), S-curved
- 28-240** MILLER Rectal Scissors 6 3/4" (17.1 cm), bayonet shape, delicate serrated blades with blunt points
- 5-250** KELLY Fistula Scissors 6 1/4" (15.9 cm), sharp points, straight
- 5D-251** KELLY Fistula Scissors 6 1/4" (15.9 cm), sharp points, straight, with one serrated blade
- 5-252** KELLY Fistula Scissors 6 1/4" (15.9 cm), sharp points, curved
- 5D-253** KELLY Fistula Scissors 6 1/4" (15.9 cm), sharp points, curved, with one serrated blade
- 5-254** KELLY Fistula Scissors 6 1/4" (15.9 cm), sharp points, angled on side
- 5D-255** KELLY Fistula Scissors 6 1/4" (15.9 cm), sharp points, angular, with one serrated blade
- 5D-328** LOCKLIN Scissors 6 1/4" (15.9 cm), angled on side 25°, with one serrated blade
- 5D-329** LOCKLIN Scissors 6 1/4" (15.9 cm), curved shanks, angled on side 25°, with one serrated blade

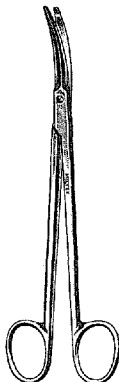


5D-329

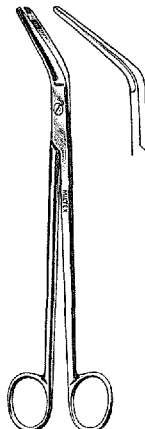
Operating Scissors



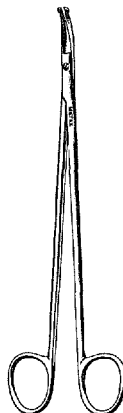
5-256



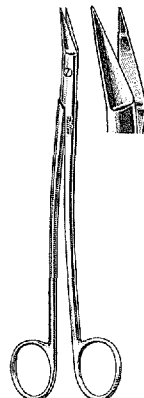
22-962



5-260



5-262



5-264

5-256 BOETTCHER Dissecting Scissors 7¼" (18.4 cm), double edged, curved

22-962 LILLY Dissecting Scissors 7½" (19.1 cm), strong curve

5-260 SWEET Scissors 8½" (21.6 cm), angled on flat

5-262 STRULLY Dissecting Scissors 8" (20.3 cm), slightly curved blades with probe tips

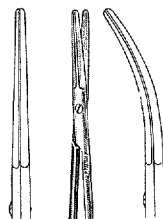
5-264 DEAN Dissecting Scissors 6¾" (17.1 cm), blades angled on flat, one serrated blade

5-265 KAHN Dissecting Scissors 5½" (14 cm), straight

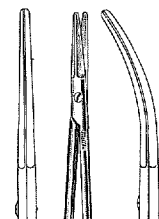
5-266 KAHN Dissecting Scissors 5½" (14 cm), curved

5-267 KAHN Dissecting Scissors 7" (17.8 cm), straight

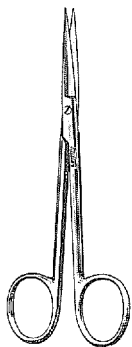
5-268 KAHN Dissecting Scissors 7" (17.8 cm), curved



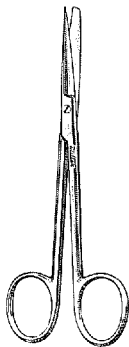
5-265
5-266



5-267
5-268



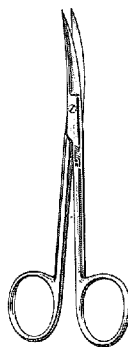
5-270
5-271



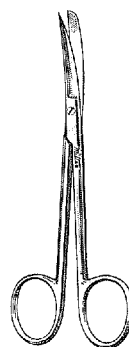
5-272
5-273



5-274
5-275



5-276
5-277



5-278
5-279

PLASTIC SURGERY SCISSORS 4 3/4" (12.1cm)

Straight

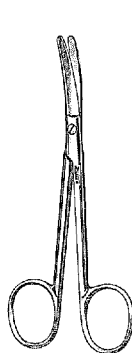
- 5-270 Sharp-sharp points
- 5-271 Sharp-sharp points, serrated blade
- 5-272 Sharp-blunt points
- 5-273 Sharp-blunt points, serrated blade
- 5-274 Blunt-blunt points
- 5-275 Blunt-blunt points, serrated blade

Curved

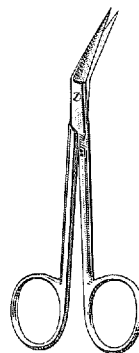
- 5-276
- 5-277
- 5-278
- 5-279
- 5-280
- 5-281

Angled on side

- 5-282 Sharp-sharp points
- 5-282A Sharp-sharp points, serrated blade

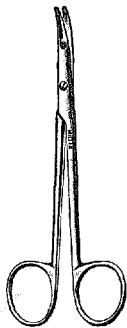


5-280
5-281

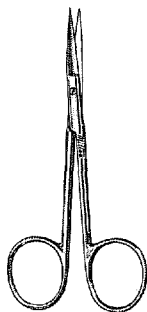


5-282
5-282A

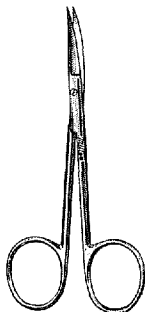
Operating Scissors



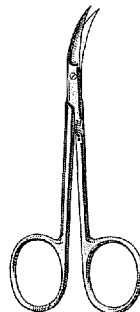
5-290
5-291



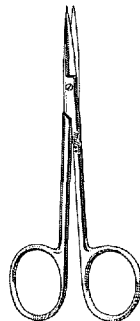
5-300



5-302

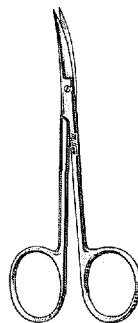


5D-303

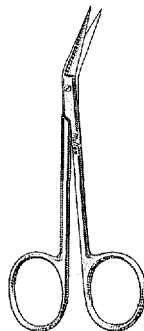


5-304

- 5-290 RAGNELL Dissecting Scissors 5" (12.7 cm), flat tip, curved
- 5-291 RAGNELL Dissecting Scissors 7" (17.8 cm), flat tip, curved
- 5-300 Iris Scissors 4" (10.2 cm), straight
- 5-302 Iris Scissors 4" (10.2 cm), curved
- 5D-303 Iris Scissors 4½" (11.4 cm), curved sideways
- 5-304 Iris Scissors 4½" (11.4 cm), straight
- 5-306 Iris Scissors 4½" (11.4 cm), curved
- 5-308 Iris Scissors 4½" (11.4 cm), angled on side



5-306



5-308



Operating Scissors



18-1392
18-1394

18-1396

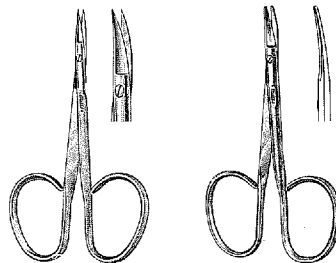
18-1398

18-1404

18-1405

18-1415*
18-1416*

- 18-1392** BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, straight
- 18-1394** BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, curved
- 18-1396** Iris Scissors 3½" (8.9 cm), with 20 mm blades, straight, delicate
- 18-1398** Iris Scissors 3½" (8.9 cm), with 20 mm blades, curved, delicate
- 18-1404** MILTEX Iris Scissors 4" (10.2 cm), straight, heavy pattern
- 18-1405** MILTEX Iris Scissors 4" (10.2 cm), curved, heavy pattern
- 18-1415*** Iris Scissors 4" (10.2 cm), straight, standard pattern, ribbon type
- 18-1416*** Iris Scissors 4" (10.2 cm), curved, standard pattern, ribbon type
- 18-1417*** Iris Scissors 3¾" (9.5 cm), straight, miniature pattern with 14 mm blades, ribbon type
- 18-1418*** Iris Scissors 3¾" (9.5 cm), curved, miniature pattern with 14 mm blades, ribbon type
- 18-1419*** Utility Scissors 3¾" (9.5 cm), curved blunt blades, 15 mm long, ribbon type

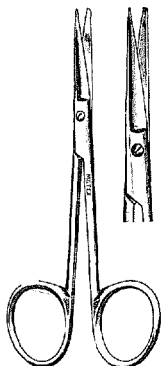


18-1417*
18-1418*

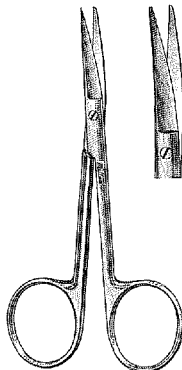
18-1419*

*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished

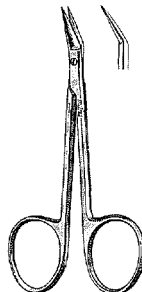
Operating Scissors



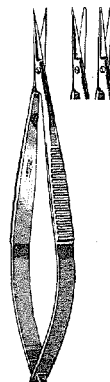
18-1420
18-1422



18-1426
18-1428



18-1440



18-1510
18-1512
18-1514

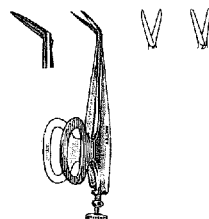


18-1516

- 18-1420 KNAPP Iris Scissors 4" (10.2 cm), straight, sharp-blunt points
 18-1422 KNAPP Iris Scissors 4" (10.2 cm), straight, blunt-blunt points
 18-1426 KNAPP Iris Scissors 4" (10.2 cm), curved, sharp-blunt points
 18-1428 KNAPP Iris Scissors 4" (10.2 cm), curved, blunt-blunt points
 18-1440 WILMER Conjunctival and Utility Scissors 4" (10.2 cm), angled on flat

- 18-1510 NOYES Iris Scissors 4 1/2" (11.4 cm), straight, sharp-sharp points
 18-1512 NOYES Iris Scissors 4 1/2" (11.4 cm), straight, sharp-blunt points
 18-1514 NOYES Iris Scissors 4 1/2" (11.4 cm), straight, blunt-blunt points
 18-1516 NOYES Iris Scissors 4 1/2" (11.4 cm), curved, sharp-sharp points

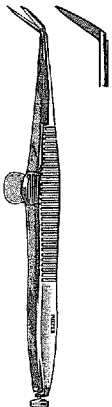
- 18-1520 BARRAQUER Iris Scissors 2 1/4" (5.7cm), angled 7 mm blades, sharp points
 18-1521 BARRAQUER Iris Scissors 2 1/4" (5.7cm), angled 7 mm blades, blunt points



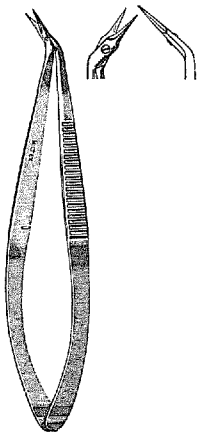
18-1520
18-1521



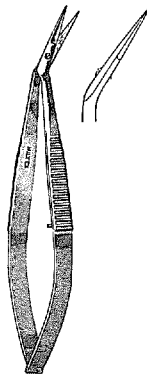
Operating Scissors



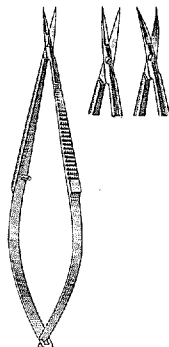
18-1524
18-1526



18-1550
18-1552



18-1554



18-1618
18-1619

- 18-1524** DeWECKER Iris Scissors 4 1/4" (10.8 cm), angled 7 mm blades, sharp-sharp points
18-1526 DeWECKER Iris Scissors 4 1/4" (10.8 cm), angled 7 mm blades, sharp-blunt points

- 18-1550** McCLURE Iris Scissors 3 3/4" (9.5 cm), angled over edge, 4 mm blades with very delicate sharp points

- 18-1552** McCLURE Iris Scissors 3 3/4" (9.5 cm), angled on flat, 4 mm blades with very delicate sharp points

- 18-1554** McCLURE Iris Scissors 4" (10.2 cm), angled on flat, regular 10 mm blades with sharp points

- 18-1618** Micro Iris Scissors 4" (10.2 cm), straight, sharp points

- 18-1619** Micro Iris Scissors 4" (10.2 cm), curved, sharp points

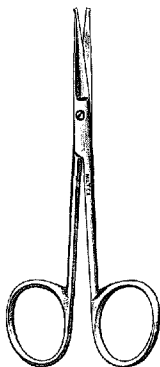
- 18-1625** McPHERSON-VANNAS Micro Iris Scissors 3 1/4" (8.3 cm), straight, sharp points

- 18-1626** McPHERSON-VANNAS Micro Iris Scissors 3 1/4" (8.3 cm), curved, sharp points

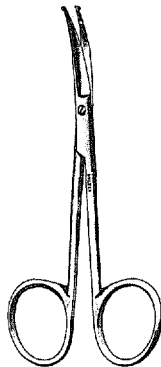


18-1625
18-1626

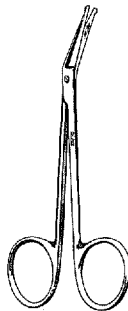
Operating Scissors



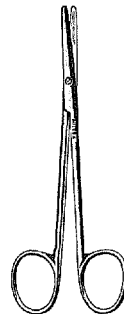
18-1430



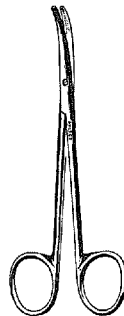
18-1432



5-310

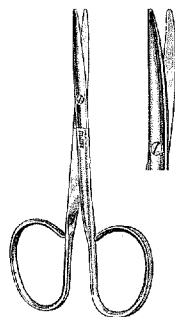


5-312



5-314

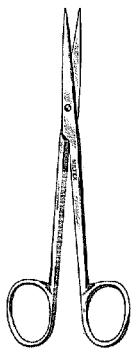
- 18-1430 Eye Scissors with probe points 4" (10.2 cm), straight
- 18-1432 Eye Scissors with probe points 4" (10.2 cm), curved
- 5-310 Eye Scissors with probe points 4½" (11.4 cm), angled on side
- 5-312 Strabismus Scissors 4" (10.2 cm), straight
- 5-314 Strabismus Scissors 4" (10.2 cm), curved
- 18-1453* Strabismus Scissors 4¼" (10.8 cm), curved, ribbon type
- 18-1454* Strabismus Scissors 4¼" (10.8 cm), curved, ribbon type



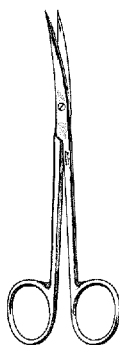
18-1453*

18-1454*

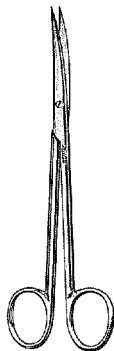
*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished



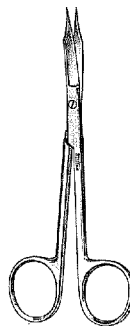
5-316



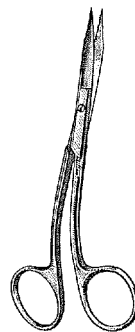
5-318



5D-326

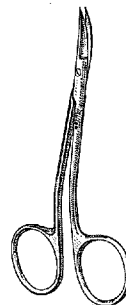


5-320

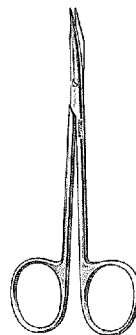


5D-322

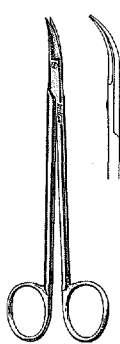
- 5-316** BROPHY Scissors 5 1/2" (14 cm), straight, sharp points
- 5-318** BROPHY Scissors 5 1/2" (14 cm), curved, sharp points
- 5D-326** BROPHY Scissors 5 1/2" (14 cm), curved, one serrated blade
- 5-320** GOLDMAN-FOX Wound Debridement Scissors 5" (12.7 cm), curved fine tips with one serrated blade
- 5D-322** GOLDMAN-FOX Wound Debridement Scissors 5" (12.7 cm), curved, one serrated blade, angled shanks
- 5D-324** LA GRANGE Scissors 4 1/4" (10.8 cm), curved, one serrated blade, angled shanks
- 21-539** KLEINERT-KUTZ Tenotomy Scissors 4 7/8" (12.4 cm), curved, rounded dissecting blades



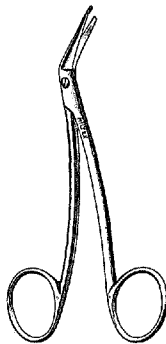
5D-324



21-539



21-558
21D-559



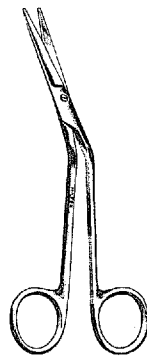
21-560



21-600

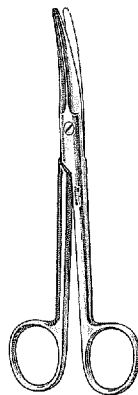


21-602

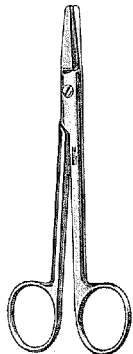


21-604

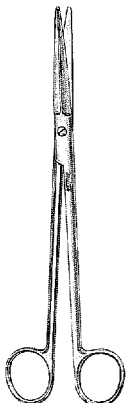
- 21-558 QUIMBY Scissors 5" (12.7 cm), blades 15 mm, strongly curved and pointed
- 21D-559 QUIMBY Scissors 5" (12.7 cm), blades 15 mm, strongly curved and pointed, one serrated blade
- 21-560 TAYLOR Dural Scissors 5½" (14 cm), with probe tip
- 21-600 FOMON Saber-Back 5" (12.7 cm), slightly curved blades with semi-sharp outer edges used for dissection
- 21-602 FOMON Lower Lateral Scissors 5" (12.7 cm), strong curve, dissecting blades
- 21-604 FOMON Dorsal Scissors 5½" (14 cm), light pattern, angular shanks
- 21-605 MILTEX Saber-Back Rhytidectomy Scissors 6½" (16.5 cm), curved with semi-sharp outer edges used for dissection



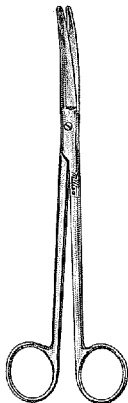
21-605



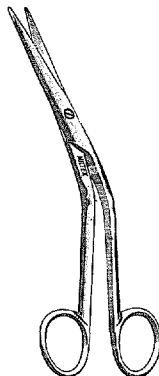
21-606



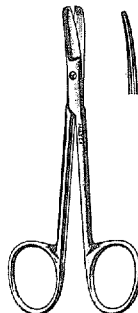
21-607



21-608

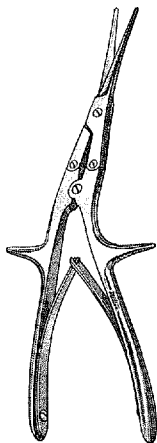


21-610

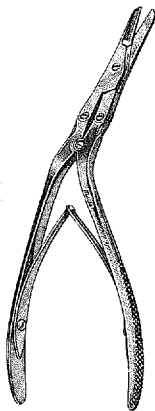


21-612

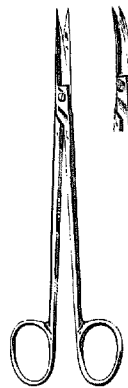
- 21-606** CASTANARES Facelift Scissors 6¼" (15.9 cm), straight, short strong blades
- 21-607** GORNEY Facelift Scissors 7¾" (19.7 cm), straight, one serrated blade
- 21-608** GORNEY Facelift Scissors 7¾" (19.7 cm), slightly curved, one serrated blade
- 21-610** COTTLE Dorsal Scissors 6½" (16.5 cm), heavy pattern with rounded blades, angular shanks
- 21-612** COTTLE Bulldog Nasal Scissors 4½" (11.4 cm), slightly curved blunt blades



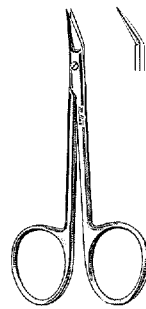
21-621



21-622

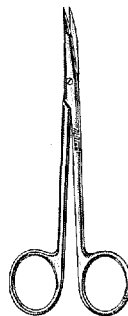


21-630
21-632

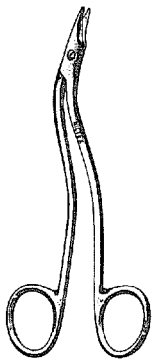


33-240

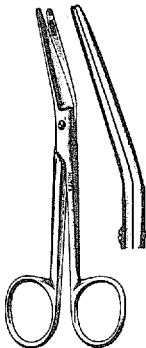
- 21-621** GORNEY Septal Scissors 7 $\frac{1}{4}$ " (19.7 cm), double action, angled handle, serrated blades with 1 $\frac{1}{4}$ " (4.4 cm) cut
- 21-622** CAPLAN Nasal Bone Scissors 8" (20.3 cm), double action, serrated blades
- 21-630** JOSEPH Nasal Scissors 5 $\frac{1}{4}$ " (14.6 cm), straight, sharp points
- 21-632** JOSEPH Nasal Scissors 5 $\frac{1}{4}$ " (14.6 cm), curved, sharp points
- 33-240** BIRO Dermal Naevus Scissors 4" (10.2 cm), angled on flat, with sharp outside edges
- 33-242** MILTEX Undermining Scissors 4 $\frac{1}{2}$ " (11.4 cm), curved blades, with flat pointed tip



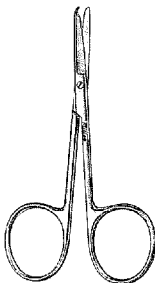
33-242



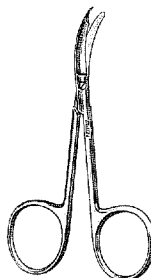
9-96



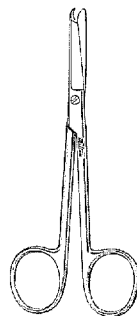
9-98



9-100

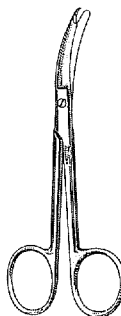


9-101

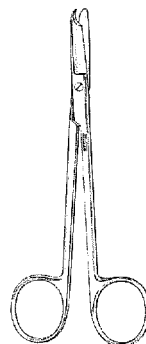


9-102

- 9-96 HEATH Suture Scissors 6¼" (15.9 cm), serrated blade
- 9-98 NEWS Suture Scissors 5½" (14 cm), angled on flat
- 9-100 SPENCER Stitch Scissors 3½" (8.9 cm), delicate
- 9-101 SHORTBENT Stitch Scissors 3½" (8.9 cm), curved, delicate
- 9-102 LITTAUER JR. Stitch Scissors 4½" (11.4 cm), light pattern
- 9-103 NORTHBENT Stitch Scissors 4¾" (12.1 cm), curved, light pattern
- 9-104 LITTAUER Stitch Scissors 5½" (14 cm), standard pattern



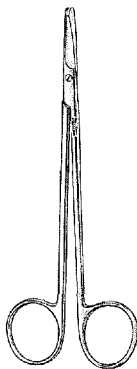
9-103



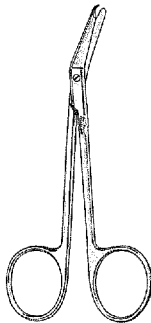
9-104

Operating Scissors

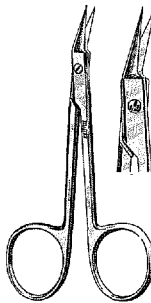
Miltex
M



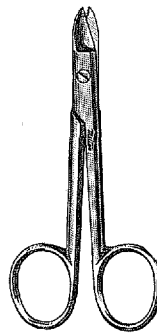
9-106



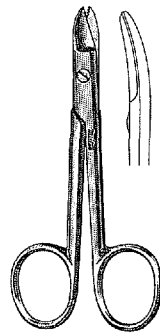
9-108



9-110



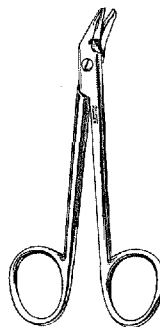
9-120
9D-121



9-122
9D-123

- 9-106 LONG Oral Surgery Stitch Scissors 6" (15.2 cm)
 9-108 MILTEX Stitch Scissors 4½" (11.4 cm), angled, delicate
 9-110 O'BRIEN Stitch Scissors 3¾" (9.5 cm), angled, sharp points
 WIRE CUTTING SCISSORS 4¾" (12.1 cm)

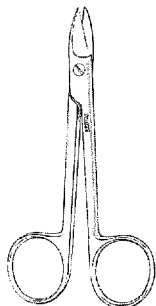
- 9-120 Straight, one serrated blade
 9D-121 Straight
 9-122 Curved, one serrated blade
 9D-123 Curved
 9-124 Angled to side, one serrated blade



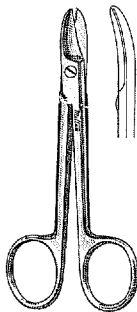
9-124



Operating Scissors



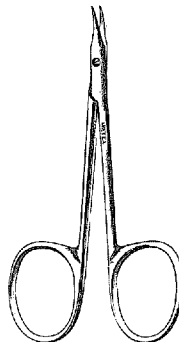
9D-132
9D-133



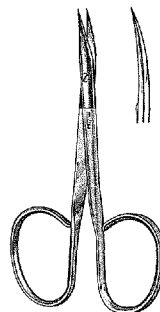
9D-134
9D-135



18-1486



18-1652



18-1653*

WIRE CUTTING SCISSORS 4 1/4" (10.8 cm)

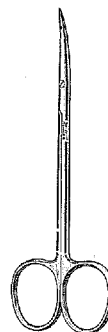
- 9D-132 Straight, one serrated blade
- 9D-133 Straight
- 9D-134 Curved, one serrated blade
- 9D-135 Curved

18-1486 WESTCOTT Stitch Scissors 4 1/2" (11.4 cm), curved, sharp points

18-1652 Eye Suture (GRADLE) Scissors 3 3/4" (9.5 cm), slightly curved, sharp points

18-1653* Eye Suture Scissors 4" (10.2 cm), slightly curved, sharp points, ribbon type

21-536 LITTLER Suture Carrying Scissors 4 5/8" (11.8 cm), with suture hole in blades, curved



21-536

* Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished



17-115
17-120
17-215



17-115 17-120
17-215

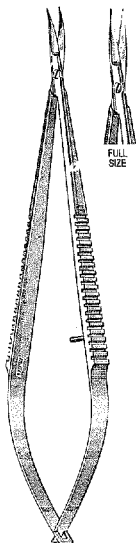


17-500

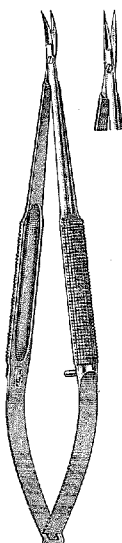
PENCIL-TYPE MICRO SCISSORS

7¼" (18.4 cm) overall length; extremely delicate working ends

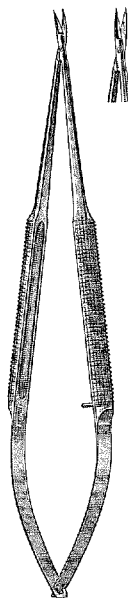
- 17-115 Scissors, 4 mm long blades, straight shaft
- 17-120 Scissors, 8 mm long blades, straight shaft
- 17-215 Scissors, 4 mm long blades, angled shaft
- 17-500 MILTEX Micro Dissecting Scissors 5¾" (14.6 cm), double action, sharp points, spring handle



17-2060
17-2040



17-2150
17-2100



17-2160
17-2110

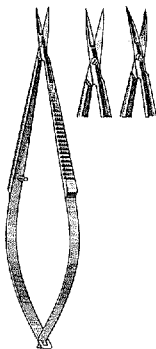


18-1558
18-1559

MILTEX MICRO SURGERY SCISSORS, Sharp points

- 17-2060** 6" (15.2 cm) straight, 8 mm blades, flat handles
- 17-2040** 6" (15.2 cm) curved, 8 mm blades, flat handles
- 17-2150** 6" (15.2 cm) straight, 6 mm blades, round handles
- 17-2100** 6" (15.2 cm) curved, 6 mm blades, round handles
- 17-2160** 7½" (18.1 cm) straight, 6 mm blades, round handles
- 17-2110** 7½" (18.1 cm) curved, 6 mm blades, round handles
- 18-1558** CASTROVIEJO Corneal Scissors 4" (10.2 cm), right, sub-miniature for micro surgery, 6 mm blades
- 18-1559** CASTROVIEJO Corneal Scissors 4" (10.2 cm), left, sub-miniature for micro surgery, 6 mm blades

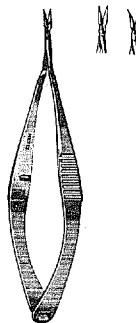
Operating Scissors



18-1618
18-1619



18-1625
18-1626



18-1630
18-1631



18-1633
18-1634

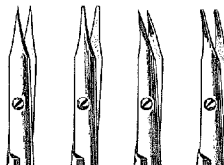
18-1618	Micro Iris Scissors 4" (10.2 cm), straight, sharp points
18-1619	Micro Iris Scissors 4" (10.2 cm), curved, sharp points
18-1625	McPHERSON-VANNAS Micro Iris Scissors 3/4" (8.3 cm), straight, sharp points
18-1626	McPHERSON-VANNAS Micro Iris Scissors 3/4" (8.3 cm), curved, sharp points
18-1630	Micro-VANNAS Scissors 3/4" (8.3 cm), straight, ultrafine blades
18-1631	Micro-VANNAS Scissors 3/4" (8.3 cm), curved, ultrafine blades
18-1633	Micro Scissors 3/4" (8.3 cm), straight, superfine blades
18-1634	Micro Scissors 3/4" (8.3 cm), curved, superfine blades



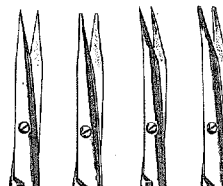
Operating Scissors



18-1460 to 18-1476



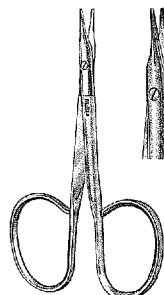
18-1460 to 18-1466



18-1470 to 18-1476

STEVENS TENOTOMY SCISSORS

- 18-1460 Straight sharp points $4\frac{1}{8}"$ (10.5 cm), short blades
- 18-1462 Straight blunt points $4\frac{1}{8}"$ (10.5 cm), short blades
- 18-1464 Curved sharp points $4\frac{1}{8}"$ (10.5 cm), short blades
- 18-1466 Curved blunt points $4\frac{1}{8}"$ (10.5 cm), short blades
- 18-1470 Straight sharp points $4\frac{1}{2}"$ (11.4 cm), long blades
- 18-1472 Straight blunt points $4\frac{1}{2}"$ (11.4 cm), long blades
- 18-1474 Curved sharp points $4\frac{1}{2}"$ (11.4 cm), long blades
- 18-1476 Curved blunt points $4\frac{1}{2}"$ (11.4 cm), long blades
- 18-1477* STEVENS Tenotomy Scissors $3\frac{3}{4}"$ (9.5 cm), straight, blunt points, ribbon type
- 18-1478* STEVENS Tenotomy Scissors $3\frac{3}{4}"$ (9.5 cm), curved, blunt points, ribbon type



18-1477*
18-1478*

*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished

Operating Scissors



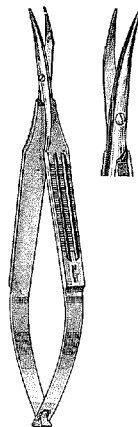
18-1480



18-1482

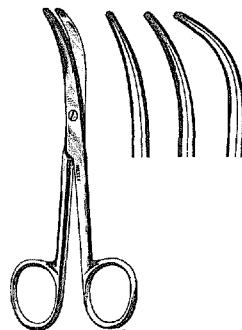


18-1484

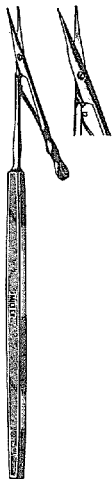


18-1487
18-1488

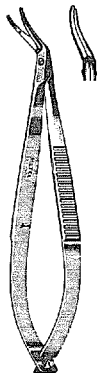
- 18-1480** WESTCOTT Utility Scissors 4½" (11.4 cm), curved, blunt tips
- 18-1482** SCHEIE-WESTCOTT Corneal Section Scissors 5" (12.7 cm), right, curved, blunt tips
- 18-1484** SCHEIE-WESTCOTT Corneal Section Scissors 5" (12.7 cm), left, curved, blunt tips
- 18-1487** WESTCOTT Tenotomy Scissors 5¼" (13.3 cm), right, wide handles
- 18-1488** WESTCOTT Tenotomy Scissors 5¼" (13.3 cm), left, wide handles
- 18-1494** Enucleation Scissors 5" (12.7 cm), light curve
- 18-1496** Enucleation Scissors 5" (12.7 cm), medium curve
- 18-1498** Enucleation Scissors 5" (12.7 cm), full curve



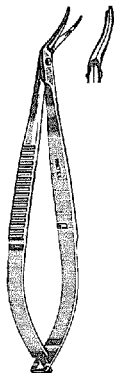
18-1494 to 18-1498



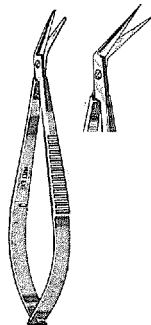
18-1540



18-1560



18-1562



18-1570
18-1572



18-1576



18-1578

18-1540 NOYES Iridectomy Scissors 5½" (14 cm), straight, 7 mm blades, sharp-sharp points

18-1560 CASTROVIEJO Corneal Section Scissors 4½" (11.4 cm), right, inner blade 1 mm longer, blunt tips

18-1562 CASTROVIEJO Corneal Section Scissors 4½" (11.4 cm), left, inner blade 1 mm longer, blunt tips

18-1570 CASTROVIEJO Keratoplasty Scissors 3¾" (9.5 cm), angled blades 11 mm, sharp points

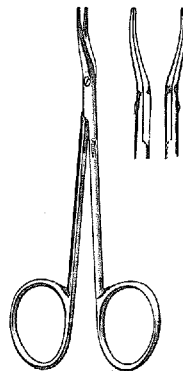
18-1572 CASTROVIEJO Corneal Scissors 3¾" (9.5 cm), angled blades 11 mm, blunt points

18-1576 CASTROVIEJO Corneal Scissors 3¾" (9.5 cm), curved, sharp points

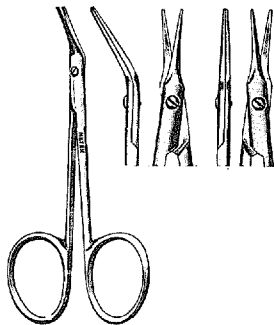
18-1578 CASTROVIEJO Corneal Scissors 3¾" (9.5 cm), curved, blunt points

18-1594 McGUIRE Corneal Scissors 4⅞" (10.5 cm), right

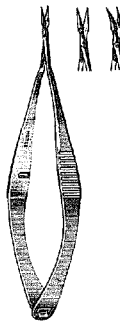
18-1596 McGUIRE Corneal Scissors 4⅞" (10.5 cm), left



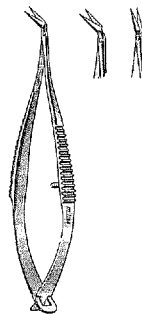
18-1594
18-1596



18-1600 to 18-1604

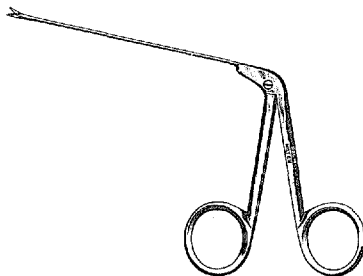


18-1620
18-1622



18-1623
18-1624

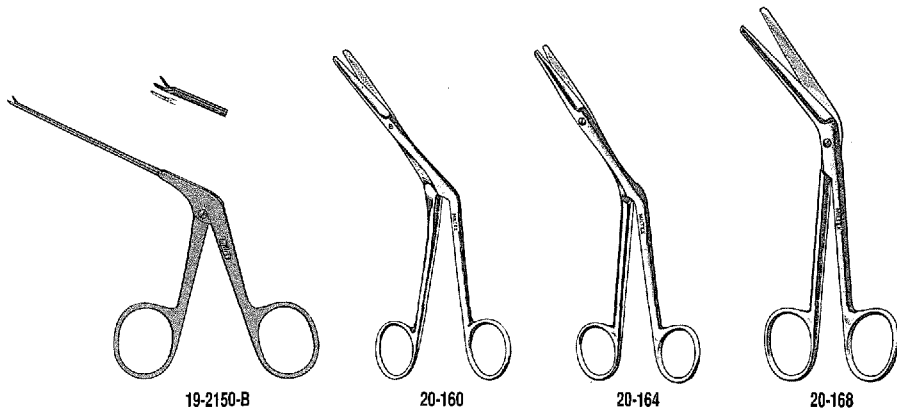
- 18-1600** AEBLI Corneal Scissors 4" (10.2 cm), straight
- 18-1602** AEBLI Corneal Scissors 4" (10.2 cm), angled on flat, right
- 18-1604** AEBLI Corneal Scissors 4" (10.2 cm), angled on flat, left
- 18-1620** VANNAS Capsulotomy Scissors 3¼" (8.3cm), straight, very delicate sharp points
- 18-1622** VANNAS Capsulotomy Scissors 3¼" (8.3 cm), curved, very delicate sharp points
- 18-1623** VANNAS Capsulotomy Scissors 3¼" (8.3 cm), angled to side, very delicate sharp points
- 18-1624** VANNAS Capsulotomy Scissors 3¼" (8.3 cm), angled on flat, very delicate sharp points
- 19-2060** WULLSTEIN Ear Scissors 3" (7.6 cm) shaft, straight, very delicate



19-2060

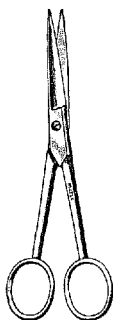


Operating Scissors

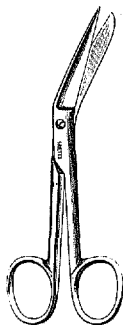


- 19-2150-B** BELLUCCI Micro Ear Scissors $2\frac{3}{4}$ " (7 cm) shaft, 4 mm blades, ebony finish
- 20-160** KNIGHT Nasal Scissors $6\frac{3}{4}$ " (17.1 cm), angled on side, standard pattern
- 20-164** HEYMAN Nasal Scissors $6\frac{3}{4}$ " (17.1 cm), angled on side, rounded blades
- 20-168** SEILER Turbinate Scissors $6\frac{3}{4}$ " (15.9 cm), angled on side

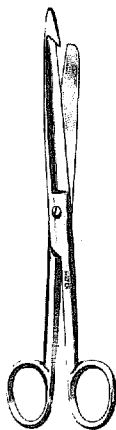
Operating Scissors



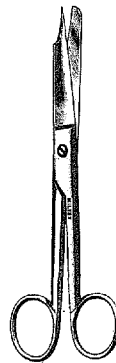
34-80



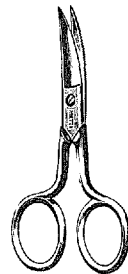
34-92



34-98

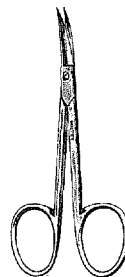


40-260

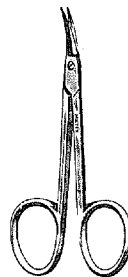


40-425

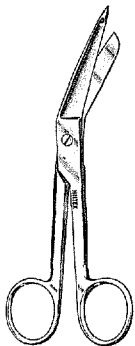
- 34-80** Dissecting Scissors 4½" (11.4 cm), straight, two sharp points, economy grade
- 34-92** RICHTER Dissecting Scissors 5" (12.7 cm), angular blades, one sharp and one blunt point
- 34-98** Enterotomy Scissors 8" (20.3 cm), with hook blade
- 40-260** Ingrown Nail Splitting Scissors 6" (15.2 cm), straight one serrated blade.
- 40-425** Nail Scissors 3½" (8.9 cm), curved blades, chrome
- 40-435** Cuticle Scissors 3½" (8.9 cm), curved blades, standard pattern, chrome
- 40-445** Cuticle Scissors 3½" (8.9 cm), curved blades, extra delicate, chrome



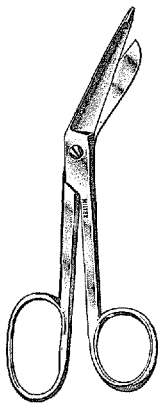
40-435



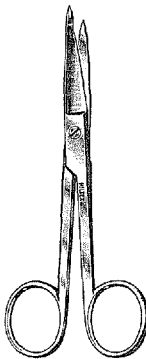
40-445



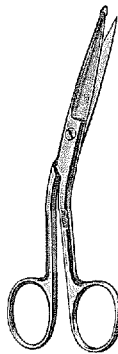
5-510 to 5-516



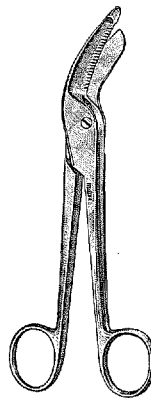
5-550



5-560

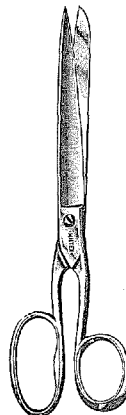


5-561



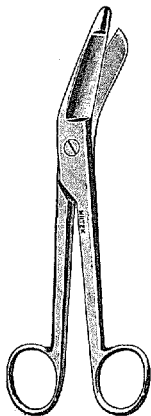
5-547

- 5-510 LISTER Bandage Scissors 3½" (8.9 cm), extra fine
- 5-512 LISTER Bandage Scissors 4½" (11.4 cm), extra fine
- 5-514 LISTER Bandage Scissors 5½" (14 cm), extra fine
- 5-516 LISTER Bandage Scissors 7¼" (18.4 cm), extra fine
- 5-550 LISTER Bandage Scissors 8" (20.3 cm), with one large finger ring
- 5-560 KNOWLES Bandage Scissors 5½" (14 cm), straight
- 5-561 KNOWLES Bandage Scissors 5½" (14 cm), shanks angled on side, serrated blade
- 5-547 HERCULES Heavy Duty Bandage and Plaster Shears 7½" (19.1 cm), serrated blade
- 5-564 U.S.A. Gauze Scissors 8" (20.3 cm), chrome

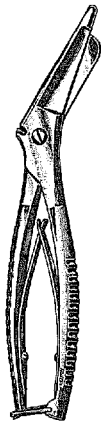


5-564

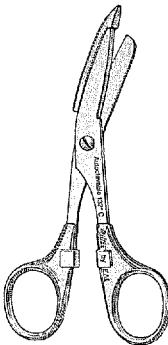
Bandage and Utility Scissors



5-568

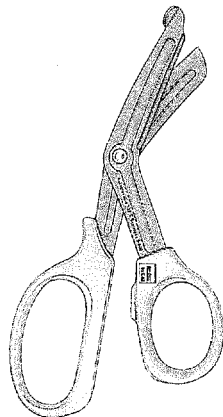


5-600

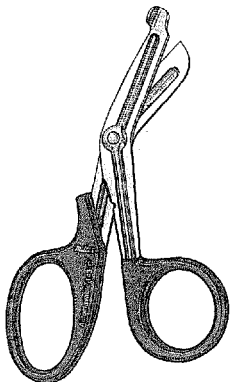


5-700

5-702



5-800



5-998

5-1000

5-568 ESMARCH Heavy Duty Bandage and Cast Shears 8" (20.3 cm)

5-600 MILTEX First Aid and Utility Shears 8½" (21.6 cm), with wire cutter and serrated blade

Nurse's Scissors 5½" (14 cm). Fluoride coated blades help prevent adhesive from sticking to the blade surfaces. Scissors have plastic finger rings and safety guard. Supplied in a plastic carrying pouch. Autoclavable

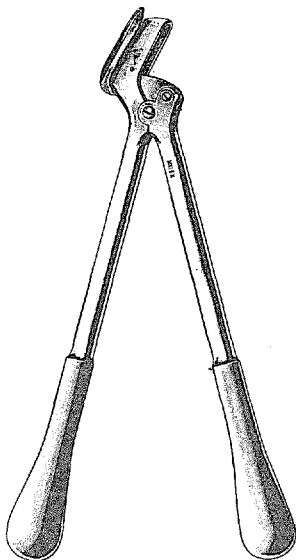
5-700 Pink

5-702 Blue

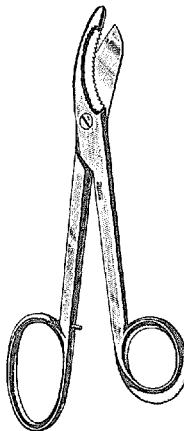
5-800 Bandage and Utility Scissors 8½" (21.6 cm), with fluoride coated blades to help prevent adhesive or fiberglass casting material from sticking to the blade surfaces. Neon green plastic finger rings, serrated blade. Autoclavable

5-998 Bandage and Utility Scissors 6½" (16.5 cm), with needle destroyer, black plastic finger rings, serrated blade. Autoclavable

5-1000 Bandage and Utility Scissors 7½" (19.1 cm), with needle destroyer, black plastic finger rings, serrated blade. Autoclavable



27-3059 to 27-3062



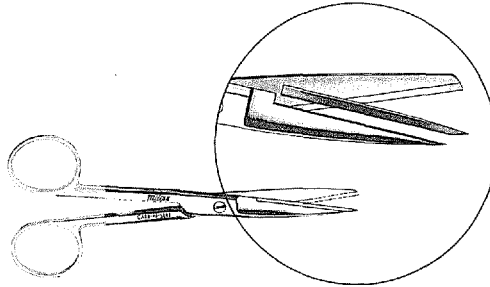
27-3070

27-3059	STILLE Plaster Shears 8" (20.3 cm), Pediatric Size, serrated blades
27-3060	STILLE Plaster Shears 11" (27.9 cm), Medium Size, serrated blades
27-3062	STILLE Plaster Shears 15" (38.2 cm), Standard Size, serrated blades
27-3070	BRUNS Plaster Shears 9 1/4" (23.5 cm), serrated blade

Carb-N-Sert Scissors



OUR TOP QUALITY LINE OF SURGICAL SCISSORS



Manufactured to traditionally high Miltex standards, these tungsten carbide blades are bonded to the finest quality stainless steel surgical scissors, then precision ground and honed on diamond wheels.

- Precision screws, fully tempered, will keep these scissors in perfect alignment.
- Scissors shanks are tempered to a hardness that permits proper flexibility.
- Finger rings are well rounded and polished for better "feel" and prevention of finger fatigue, and each instrument is satin finished to reduce glare.

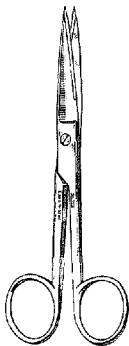
Gold plated finger rings identify these tungsten carbide instruments, and the Miltex catalog number has been etched on each scissors to facilitate re-ordering.

Carb-N-Sert Scissors will rarely require sharpening. While the initial cost of Carb-N-Sert Scissors is higher than standard stainless scissors, Carb-N-Sert Scissors represent a considerable savings to the user in the long run because of superior performance and longer service life.

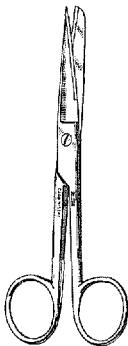


Carb-N-Sert Scissors

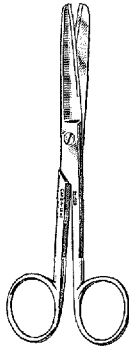
CARB-N-SERT SCISSORS
with tungsten carbide insert blades will stay sharp for years



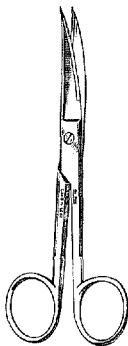
5-6TC



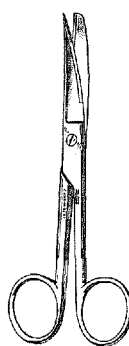
5-16TC



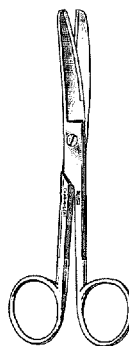
5-26TC



5-36TC



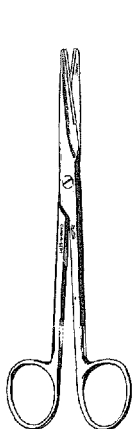
5-46TC



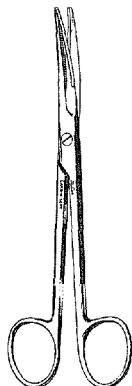
5-56TC

5-6TC	Operating Scissors 5½" (14 cm), straight, sharp-sharp points
5-16TC	Operating Scissors 5½" (14 cm), straight, sharp-blunt points
5-26TC	Operating Scissors 5½" (14 cm), straight, blunt-blunt points
5-36TC	Operating Scissors 5½" (14 cm), curved, sharp-sharp points
5-46TC	Operating Scissors 5½" (14 cm), curved, sharp-blunt points
5-56TC	Operating Scissors 5½" (14 cm), curved, blunt-blunt points

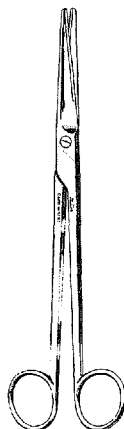
CARB-N-SERT SCISSORS
with tungsten carbide insert blades will stay sharp for years



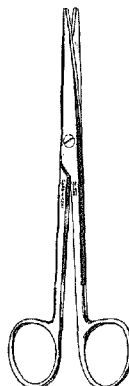
5-120TC
5-124TC



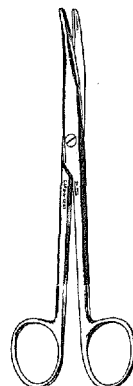
5-122TC
5-126TC



5-128TC
5-130TC



5-136TC
5-140TC



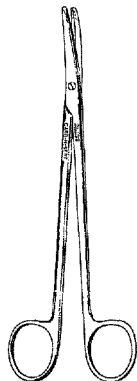
5-138TC
5-142TC

5-120TC	MAYO Dissecting Scissors 5½" (14 cm), straight, standard beveled blades
5-122TC	MAYO Dissecting Scissors 5½" (14 cm), curved, standard beveled blades
5-124TC	MAYO Dissecting Scissors 6¾" (17.1 cm), straight, standard beveled blades
5-126TC	MAYO Dissecting Scissors 6¾" (17.1 cm), curved, standard beveled blades
5-128TC	MAYO Dissecting Scissors 9" (22.9 cm), straight, standard beveled blades
5-130TC	MAYO Dissecting Scissors 9" (22.9 cm), curved, standard beveled blades
5-136TC	MAYO Dissecting Scissors 5½" (14 cm), straight, rounded blades
5-138TC	MAYO Dissecting Scissors 5½" (14 cm), curved, rounded blades
5-140TC	MAYO Dissecting Scissors 6¾" (17.1 cm), straight, rounded blades
5-142TC	MAYO Dissecting Scissors 6¾" (17.1 cm), curved, rounded blades

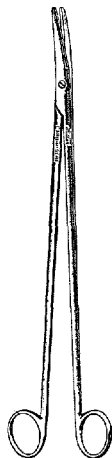


Carb-N-Sert Scissors

CARB-N-SERT SCISSORS
with tungsten carbide insert blades will stay sharp for years



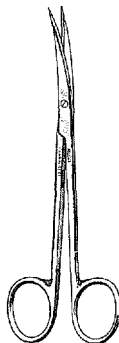
5-180TC
5-182TC



5-184TC 5-192TC
5-188TC 5-193A-TC
5-189A-TC



5-180A-TC



5-180B-TC



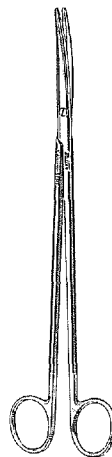
5-182A-TC

METZENBAUM SCISSORS STANDARD PATTERN — BLUNT POINTS

Straight	Length	Curved
5-179TC	5½" (14 cm)	5-180TC
5-181TC	7" (17.8 cm)	5-182TC
—	8" (20.3 cm)	5-184TC
5-186TC	9" (22.9 cm)	5-188TC
—	10" (25.4 cm)	5-189A-TC
—	11" (27.9 cm)	5-192TC
—	12" (30.5 cm)	5-193A-TC

METZENBAUM SCISSORS - DELICATE PATTERN

Straight	Length	Curved
5-179A-TC	5½" (14 cm) blunt points	5-180A-TC
5-179B-TC	5½" (14 cm) sharp points	5-180B-TC
5-181A-TC	7" (17.8 cm) blunt points	5-182A-TC
5-181B-TC	7" (17.8 cm) sharp points	5-182B-TC
5-187TC	9" (22.9 cm) blunt points	5-189TC

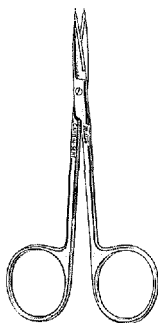


5-189TC

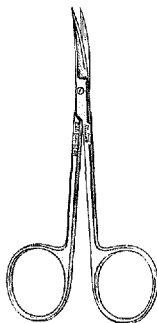
Carb-N-Sert Scissors



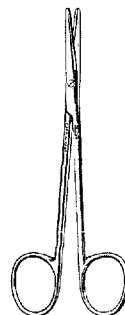
CARB-N-SERT SCISSORS
with tungsten carbide insert blades will stay sharp for years



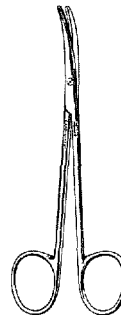
5-304TC



5-306TC



5-312TC



5-314TC

5-304TC Iris Scissors 4½" (11.4 cm), straight

5-306TC Iris Scissors 4½" (11.4 cm), curved

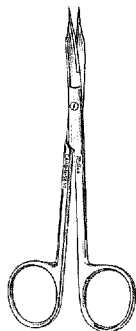
5-312TC Strabismus Scissors 4½" (11.4 cm), straight

5-314TC Strabismus Scissors 4½" (11.4 cm), curved

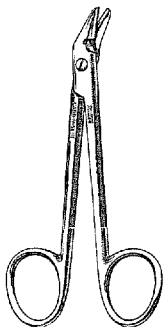


Carb-N-Sert Scissors

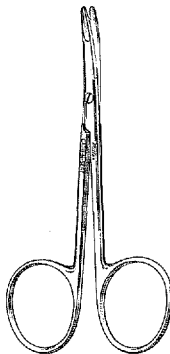
CARB-N-SERT SCISSORS
with tungsten carbide insert blades will stay sharp for years



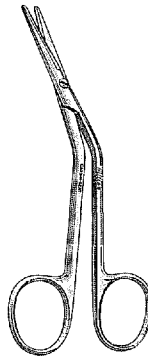
5-320TC



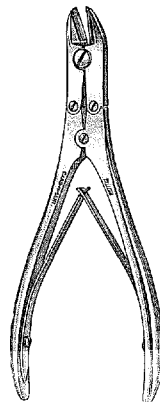
9-124TC



21-537TC

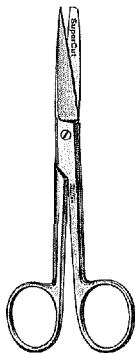


21-604TC

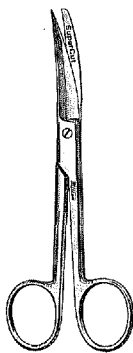


27-159TC

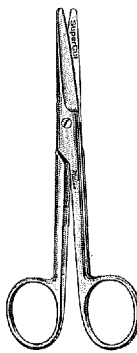
- 5-320TC** GOLDMAN-FOX Wound Debridement Scissors 5" (12.7 cm), curved fine tips, one serrated blade
- 9-124TC** Wire Cutting Scissors 4 $\frac{3}{4}$ " (12.1 cm), angled to side, one serrated blade
- 21-537TC** MILTEX Blepharoplasty Scissors 4 $\frac{1}{2}$ " (11.4 cm), curved flat tips, one serrated blade
- 21-604TC** FOMON Dorsal Scissors, 5 $\frac{1}{2}$ " (14 cm), angled shanks
- 27-159TC** C-N-S Pin and Wire Cutter 7" (17.8 cm), double action, cuts up to 2 mm ($\frac{5}{64}$ ") soft wire or 1.5 mm ($\frac{1}{16}$ ") hard wire



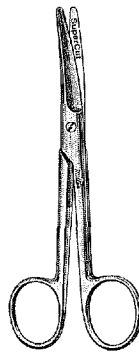
5-SC-16



5-SC-46



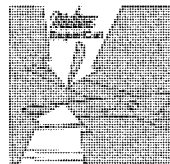
**5-SC-120
5-SC-124**



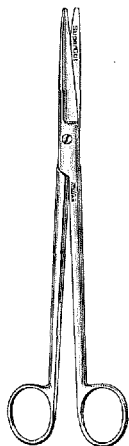
**5-SC-122
5-SC-126**

Manufactured with the highest quality stainless steel and German craftsmanship, Miltex SuperCut Scissors are ideal for various surgical and dental procedures or applications. SuperCut Scissors have a specially designed razor-sharp upper blade edge that cuts effortlessly through tissue. The lower blade has micro-fine serrations to prevent tissue slippage. For easy identification, Miltex SuperCut Scissors have two black finger rings.

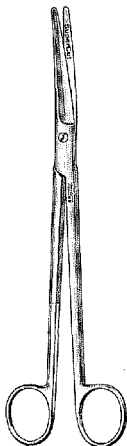
Miltex also offers SuperCut/Carb-N-Sert® Scissors, which have precision SuperCut performance with one lower serrated blade and one upper razor-sharp blade, as well as the durability of Tungsten Carbide cutting edges. These scissors are easily identified with one short and one long gold-plated finger ring.



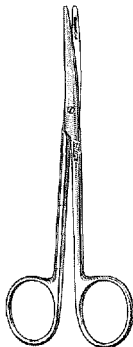
5-SC-16	Operating Scissors 5½" (14 cm), straight, sharp/blunt
5-SC-46	Operating Scissors 5½" (14 cm), curved, sharp/blunt
5-SC-120	MAYO Scissors 5½" (14 cm), straight
5-SC-122	MAYO Scissors 5½" (14 cm), curved
5-SC-124	MAYO Scissors 6¾" (17.1 cm), straight
5-SC-126	MAYO Scissors 6¾" (17.1 cm), curved



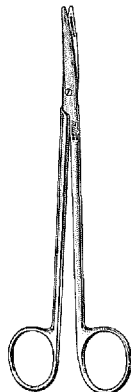
5-SC-128



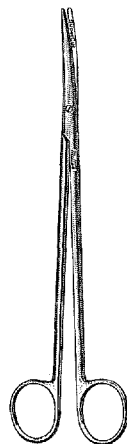
5-SC-130



5-SC-180



5-SC-182



5-SC-188

5-SC-128

MAYO Scissors 9" (22.9 cm), straight

5-SC-130

MAYO Scissors 9" (22.9 cm), curved

5-SC-180

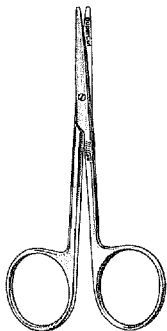
METZENBAUM Scissors 5½" (14 cm), curved

5-SC-182

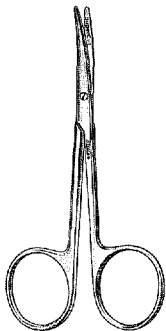
METZENBAUM Scissors 7" (17.8 cm), curved

5-SC-188

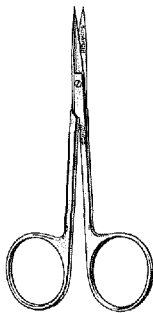
METZENBAUM Scissors 9" (22.9 cm), curved



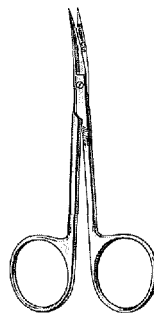
5-SC-283



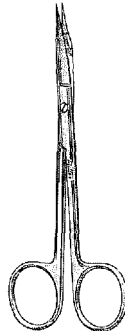
5-SC-284



5-SC-304



5-SC-306



5-SC-320

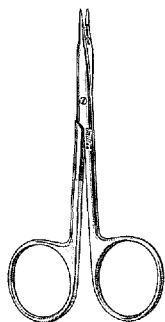
5-SC-283 METZENBAUM Scissors 4½" (11.4 cm), straight, delicate

5-SC-284 METZENBAUM Scissors 4½" (11.4 cm), curved, delicate

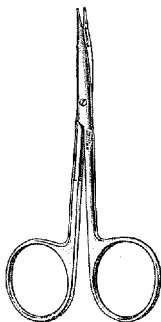
5-SC-304 Iris Scissors 4½" (11.4 cm), straight

5-SC-306 Iris Scissors 4½" (11.4 cm), curved

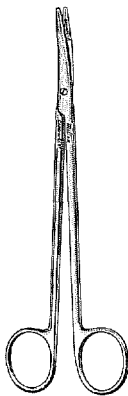
5-SC-320 GOLDMAN-FOX Scissors 5" (12.7 cm), curved



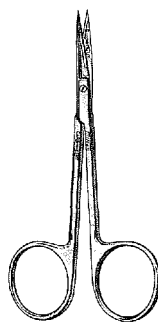
18-SC-1472



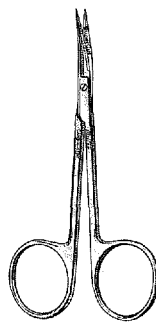
18-SC-1476



5-SC-182TC



5-SC-304TC



5-SC-306TC

18-SC-1472

STEVENS Tenotomy Scissors 4½" (11.4 cm), straight

18-SC-1476

STEVENS Tenotomy Scissors 4½" (11.4 cm), curved

5-SC-182TC

METZENBAUM Scissors 7" (17.8 cm), curved, SuperCut Carb-N-Sert Blades

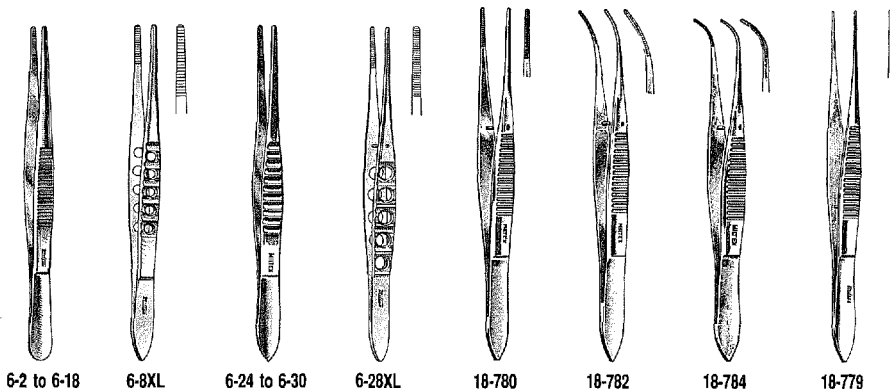
5-SC-304TC

Iris Scissors 4½" (11.4 cm), straight, SuperCut Carb-N-Sert Blades

5-SC-306TC

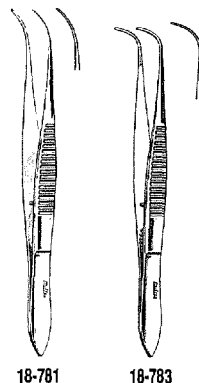
Iris Scissors 4½" (11.4 cm), curved, SuperCut Carb-N-Sert Blades

Dressing and Tissue Forceps



DRESSING FORCEPS, SERRATED TIPS

Standard Pattern Serrated Handles	Standard Pattern Lightweight with Fenestrated Handles	Length	Delicate Pattern Fluted Handles	Delicate Pattern Lightweight with Fenestrated Handles
6-2	—	4" (10.2 cm)	—	—
6-4	—	4½" (11.4 cm)	6-24	—
6-6	—	5" (12.7 cm)	6-26	—
6-8	6-8XL	5½" (14 cm)	6-28	6-28XL
6-10	—	6" (15.2 cm)	6-30	—
6-12	—	7" (17.8 cm)	—	—
6-14	—	8" (20.3 cm)	—	—
6-16	—	10" (25.4 cm)	—	—
6-18	—	12" (30.5 cm)	—	—



EYE DRESSING FORCEPS 4" (10.2cm), SERRATED TIPS

Standard Pattern
0.8 mm wide tips

18-780 Straight
18-782 Half curved
18-784 Full curved

Extra Delicate Pattern
0.5 mm wide tips

18-779 Straight
18-781 Half curved
18-783 Full curved



6-40 to 6-86



6-44XL



6-90 to 6-96



TISSUE FORCEPS, 1 X 2 TEETH

Standard Pattern Serrated Handles	Standard Pattern Lightweight with Fenestrated Handles	Length	Delicate Pattern Fluted Handles
6-40	—	4½" (11.4 cm)	6-90
6-42	—	5" (12.7 cm)	6-92
6-44	6-44XL	5½" (14 cm)	6-94
6-46	—	6" (15.2 cm)	6-96
6-47	—	7" (17.8 cm)	—
6-48	—	8" (20.3 cm)	—
6-50	—	10" (25.4 cm)	—
6-52	—	12" (30.5 cm)	—
6-60	Tissue Forceps	4½" (11.4 cm)	2 x 3 teeth
6-62	Tissue Forceps	5" (12.7 cm)	2 x 3 teeth
6-64	Tissue Forceps	5½" (14 cm)	2 x 3 teeth
6-66	Tissue Forceps	6" (15.2 cm)	2 x 3 teeth
6-72	Tissue Forceps	5" (12.7 cm)	3 x 4 teeth
6-74	Tissue Forceps	5½" (14 cm)	3 x 4 teeth
6-76	Tissue Forceps	6" (15.2 cm)	3 x 4 teeth
6-82	Tissue Forceps	5" (12.7 cm)	4 x 5 teeth
6-84	Tissue Forceps	5½" (14 cm)	4 x 5 teeth
6-86	Tissue Forceps	6" (15.2 cm)	4 x 5 teeth

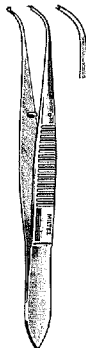
Dressing and Tissue Forceps



18-786
18-787



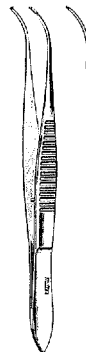
18-788



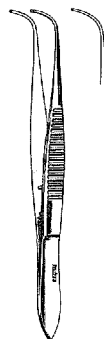
18-790



18-785



18-789



18-791

IRIS TISSUE FORCEPS 4" (10.2 cm), 1 x 2 TEETH

Standard Pattern
0.8 mm wide tips

- 18-786** Straight
- 18-787** Straight (Non Magnetic)
- 18-788** Half curved
- 18-790** Full curved

Extra Delicate Pattern
0.5 mm wide tips

- 18-785** Straight
- 18-789** Half curved
- 18-791** Full curved



6-100



**6-104
6-109**



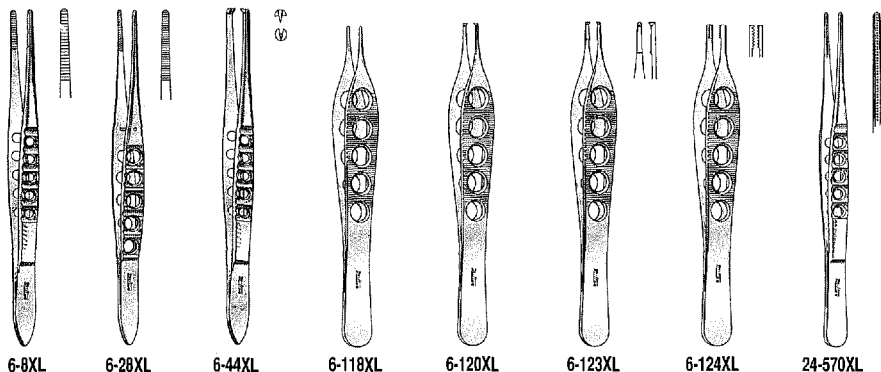
**6-106
6-108
6-109A**



6-107

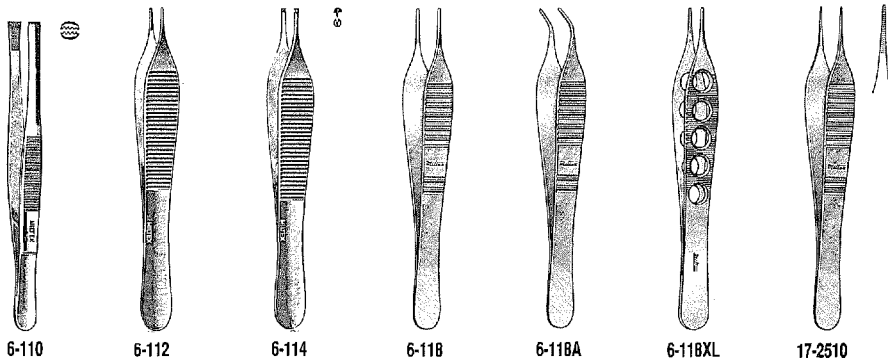
6-100	Dressing Forceps 5" (12.7 cm), curved narrow tips
6-104	SEMKEN Dressing Forceps 5" (12.7 cm), serrated
6-106	SEMKEN Tissue Forceps 5" (12.7 cm), 1 x 2 teeth
6-107	SEMKEN Tissue Forceps 5" (12.7 cm), 1 x 2 teeth, curved tips
6-108	SEMKEN Tissue Forceps 5" (12.7 cm), 2 x 3 teeth
6-109	SEMKEN Dressing Forceps 6" (15.2 cm), serrated
6-109A	SEMKEN Tissue Forceps 6" (15.2 cm), 1 x 2 teeth

Dressing and Tissue Forceps



Lightweight Forceps with Fenestrated Handles provide the user with a firm, non-slip grip, reducing hand fatigue.

- 6-8XL** Dressing Forceps 5½" (14 cm), standard pattern
- 6-28XL** Dressing Forceps 5½" (14 cm), delicate pattern
- 6-44XL** Tissue Forceps 5½" (14 cm), 1 x 2 teeth, standard pattern
- 6-118XL** ADSON Dressing Forceps 4¾" (12.1 cm), serrated
- 6-120XL** ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth
- 6-123XL** ADSON Tissue Forceps 4¾" (12.1 cm), w/platform, 1 x 2 teeth
- 6-124XL** BROWN-ADSON Tissue Forceps 4¾" (12.1 cm), 7 x 7 side grasping teeth
- 24-570XL** DeBAKEY Tissue Forceps 6" (15.2 cm), atraumatic teeth, 1.5 mm wide tips



- 6-110** STILLE Pattern Tissue Forceps 5" (12.7 cm), 4 x 5 teeth
- 6-112** HUDSON (EWALD) Dressing Forceps 4¾" (12.1 cm), serrated
- 6-114** HUDSON (EWALD) Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth
- 6-118** ADSON Dressing Forceps 4¾" (12.1 cm), serrated, delicate
- 6-118A** ADSON Dressing Forceps 4¾" (12.1 cm), serrated, delicate, angled
- 6-118XL** ADSON Dressing Forceps 4¾" (12.1 cm), serrated, lightweight, fenestrated handles
- 17-2510** Micro ADSON Dressing Forceps 4¾" (12.1 cm), serrated tips, 0.5 mm wide

Dressing and Tissue Forceps



6-120
6-122



6-120A



6-120XL



6-121



17-2500



6-123



6-123XL

- 6-120 ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth, delicate
- 6-120A ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth, delicate, angled
- 6-120XL ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth, lightweight, fenestrated handles
- 6-121 ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth and cross serrated tips, delicate
- 17-2500 Micro ADSON Tissue Forceps 4¾" (12.1 cm), tips 0.5 mm wide, 1 x 2 teeth

- 6-122 ADSON Tissue Forceps 4¾" (12.1 cm), 2 x 3 teeth, delicate
- 6-123 ADSON Tissue and Suture Forceps 4¾" (12.1 cm), 1 x 2 teeth with tying platform
- 6-123XL ADSON Tissue Forceps 4¾" (12.1 cm), w/platform, 1 x 2 teeth, lightweight, fenestrated handles

- 6-124 BROWN-ADSON Tissue Forceps 4¾" (12.1 cm), 7 x 7 side grasping teeth
- 6-124XL BROWN-ADSON Tissue Forceps 4¾" (12.1 cm), 7 x 7 side grasping teeth, lightweight, fenestrated handles

- 6-125 DeBAKEY-ADSON Tissue Forceps 4¾" (12.1 cm), atraumatic tips 1.5 mm wide



6-124



6-124XL



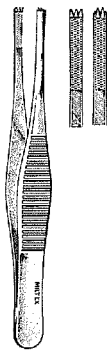
6-125



Dressing and Tissue Forceps



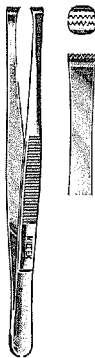
6-126



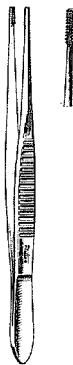
6-128



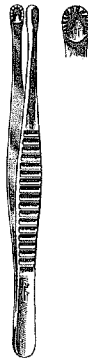
6-132



6-134
6-136



6-138 to 6-141



6-142 to 6-145

6-126 BROWN-ADSON Tissue Forceps $4\frac{3}{4}$ " (12.1 cm), 7 x 7 side grasping teeth, angular

6-128 HEANEY Tissue Forceps $5\frac{1}{2}$ " (14 cm), 2 x 3 teeth and cross serrated tips

6-132 STONE Tissue Forceps 6" (15.2 cm), 4 x 5 teeth

6-134 MARTIN Tissue Forceps 6" (15.2 cm), 7 x 8 teeth

6-136 MARTIN Tissue Forceps $7\frac{1}{2}$ " (19.1 cm), 7 x 8 teeth

6-138 BROWN Tissue Forceps 6" (15.2 cm), 8 x 8 side grasping teeth

6-140 BROWN Tissue Forceps 8" (20.3 cm), 8 x 8 side grasping teeth

6-141 BROWN Tissue Forceps 10" (25.4 cm), 8 x 8 side grasping teeth

6-142 RUSSIAN Tissue Forceps 6" (15.2 cm)

6-144 RUSSIAN Tissue Forceps 8" (20.3 cm)

6-145 RUSSIAN Tissue Forceps 10" (25.4 cm)

6-148 BONNEY Tissue Forceps 7" (17.8 cm), 1 x 2 teeth and serrated tips

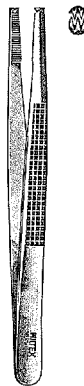
6-150 BONNEY Tissue Forceps 7" (17.8 cm), 2 x 2 teeth and serrated tips

6-154 POTTS-SMITH Dressing Forceps 7" (17.8 cm), serrated

6-156 POTTS-SMITH Dressing Forceps $8\frac{3}{4}$ " (21 cm), serrated

6-158 POTTS-SMITH Dressing Forceps $9\frac{1}{2}$ " (24.1 cm), serrated

6-159 POTTS-SMITH Dressing Forceps 12" (30.5 cm), serrated



6-148
6-150



6-154 to 6-159

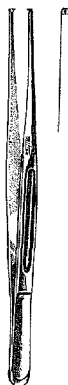
Dressing and Tissue Forceps



6-160 to 6-164A



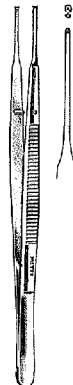
6-166



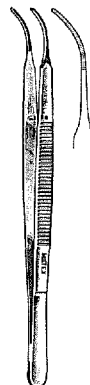
6-168



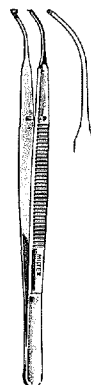
6-180



6-182



6-184



6-186

6-160 POTTS-SMITH Tissue Forceps 7" (17.8 cm), 1 x 2 teeth and serrated tips

6-162 POTTS-SMITH Tissue Forceps 8 1/4" (21 cm), 1 x 2 teeth and serrated tips

6-164 POTTS-SMITH Tissue Forceps 9 1/2" (24.1 cm), 1 x 2 teeth and serrated tips

6-164A POTTS-SMITH Tissue Forceps 12" (30.5 cm), 1 x 2 teeth and serrated tips

6-166 CUSHING Dressing Forceps 7" (17.8 cm), serrated, Gutch handle, scraper end

6-168 CUSHING Tissue Forceps 7" (17.8 cm), 1 x 2 teeth, Gutch handle, scraper end

6-180 GERALD Dressing Forceps 7" (17.8 cm), straight, serrated

6-182 GERALD Tissue Forceps 7" (17.8 cm), straight, 1 x 2 teeth

6-184 GERALD Dressing Forceps 7" (17.8 cm), curved, serrated

6-186 GERALD Tissue Forceps 7" (17.8 cm), curved, 1 x 2 teeth

6-188 CUSHING Dressing Forceps 7" (17.8 cm), serrated, scraper end

6-189 CUSHING Tissue Forceps 7" (17.8 cm), 1 x 2 teeth, scraper end



6-188



6-189



Dressing and Tissue Forceps



6-190



6-192



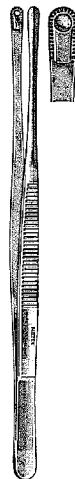
6-197
6-198



6-200 to 6-204

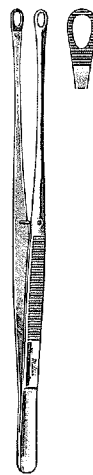


6-210



6-212

- 6-190 CUSHING Dressing Forceps 7 1/4" (18.4 cm), bayonet, serrated, scraper end
6-192 CUSHING Tissue Forceps 7 1/4" (18.4 cm), bayonet, 1 x 2 teeth, scraper end
6-197 GRUENWALD (JANSEN) Bayonet Dressing Forceps 6 1/2" (16.5 cm), serrated
6-198 ADSON Bayonet Dressing Forceps 8 1/4" (21 cm), serrated
6-200 KELLY Tissue Forceps 9" (22.9 cm), 1 x 2 teeth, slotted Gutch handle
6-202 KELLY Tissue Forceps 9" (22.9 cm), 2 x 3 teeth, slotted Gutch handle
6-204 KELLY Tissue Forceps 9" (22.9 cm), 3 x 4 teeth, slotted Gutch handle
6-210 MAYO RUSSIAN Tissue Forceps 9" (22.9 cm), fenestrated jaws, slotted grooved handles
6-212 DAVIS Tissue Forceps 10" (25.4 cm)
6-214 SINGLEY Tissue Forceps 9" (22.9 cm), fenestrated serrated jaws
16-80 WANGENSTEEN Tissue Forceps 9" (22.9 cm), rounded jaws with fine cross serrations

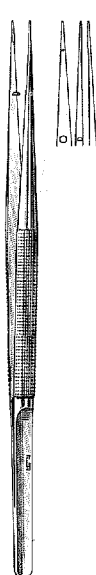


6-214

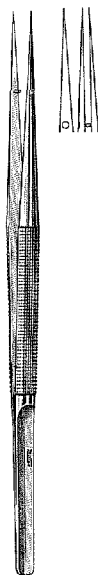


16-80

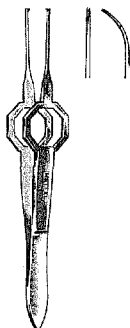
Dressing and Tissue Forceps



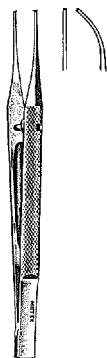
17-1100



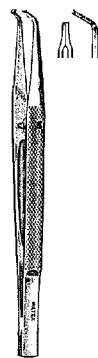
17-1150



18-796
18-798



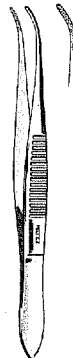
18-620
18-624



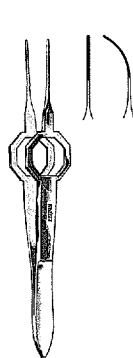
18-632



18-793



18-794



18-795
18-795A

17-1100

RHOTON Micro Suture Forceps 7" (17.8 cm), straight, with 0.7 mm tying platform

17-1150

RHOTON Micro Forceps 7" (17.8 cm), straight, 0.3 mm tips

18-620

KIRBY Iris Tissue Forceps 4" (10.2 cm), straight, 1 x 2 teeth

18-624

KIRBY Iris Tissue Forceps 4" (10.2 cm), curved, 1 x 2 teeth

18-632

KIRBY Tissue Forceps 4" (10.2 cm), angled tips with 1 x 2 teeth

18-793

O'CONNOR Iris Tissue Forceps 3 3/4" (9.5 cm), angular jaws 0.5 x 9 mm with 1 x 2 teeth

18-794

BRACKEN Iris Dressing Forceps 4" (10.2 cm), with fine cross-serrated tips

18-795

FOERSTER Eye Dressing Forceps 3 3/4" (9.5 cm), octagonal grip, straight, serrated tips 0.5 mm wide

18-795A

FOERSTER Eye Dressing Forceps 3 3/4" (9.5 cm), octagonal grip, full curved, serrated tips 0.5 mm wide

18-796

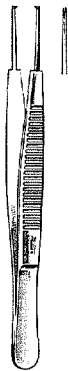
FOERSTER Iris Tissue Forceps 3 3/4" (9.5 cm), octagonal grip, straight, 1 x 2 teeth, 0.5 mm wide

18-798

FOERSTER Iris Tissue Forceps 3 3/4" (9.5 cm), octagonal grip, full curved, 1 x 2 teeth, 0.5 mm wide



Dressing and Tissue Forceps



18-804



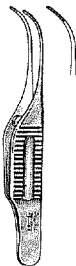
18-814

18-816

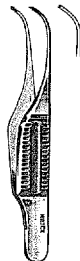


18-818

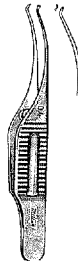
18-820



18-825

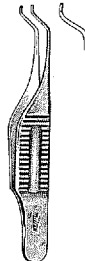


18-834



18-827

18-828



18-829

18-804 STEVENS Iris Tissue Forceps 4" (10.2 cm), straight, 1 x 2 teeth, 1 mm wide

18-814 GRAEFE Eye Dressing Forceps 2 3/4" (7 cm), straight, serrated

18-816 GRAEFE Iris Tissue Forceps 2 3/4" (7 cm), straight, 1 x 2 teeth

18-818 GRAEFE Eye Dressing Forceps 2 3/4" (7 cm), curved, serrated

18-820 GRAEFE Iris Tissue Forceps 2 3/4" (7 cm), curved, 1 x 2 teeth

18-825 GILL (CHANDLER) Iris Dressing Forceps 3" (7.6 cm), fine cross serrated tips, 0.6 mm wide

18-834 GILL Iris Tissue Forceps 2 5/8" (7.3 cm), tips 0.6 mm wide, with 1 x 2 teeth

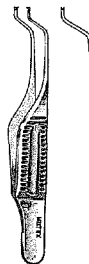
18-827 TROUTMAN-BARRAQUER Colibri Type Tissue Forceps 3" (7.6 cm), with 1 x 2 teeth, 0.4 mm, set at 45° angle, with tying platform

18-828 TROUTMAN-BARRAQUER Colibri Type Tissue Forceps 3" (7.6 cm), with 1 x 2 teeth, 0.12 mm, set at 45° angle, with tying platform

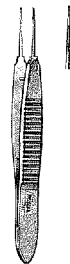
18-829 BOTVIN Iris Dressing Forceps 2 5/8" (7.3 cm), fine cross serrated tips, 0.5 mm wide

18-830 GILL HESS Iris Forceps 2 3/4" (7 cm), with 1 x 2 teeth forward 0.5 mm

18-835 BONN Micro Tissue Forceps 2 3/4" (7 cm), 1 x 2 teeth 0.12 mm, with tying platform



18-830

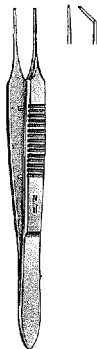


18-835

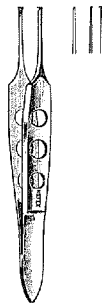
Dressing and Tissue Forceps



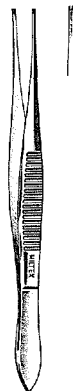
18-836



18-837
18-838



18-866 to 18-868



18-840



18-850
18-852

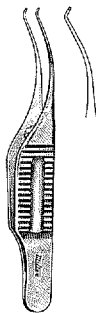


18-854

- 18-836** BONN Micro Tissue Forceps 3¾" (9.5 cm), 1 x 2 teeth 0.12 mm, with tying platform
- 18-837** McPHERSON Micro Tissue Forceps 3½" (8.9 cm), straight, 1 x 2 teeth 0.2 mm, with tying platform
- 18-838** McPHERSON Micro Tissue Forceps 3½" (8.9 cm), angled, 1 x 2 teeth 0.2 mm, with tying platform
- 18-866** BISHOP-HARMON Dressing Forceps 3¾" (8.6 cm), fine cross serrated tips 0.5 mm wide
- 18-867** BISHOP-HARMON Micro Tissue Forceps 3¾" (8.6 cm), delicate 0.3 mm 1 x 2 teeth
- 18-868** BISHOP-HARMON Tissue Forceps 3¾" (8.6 cm), standard 0.7 mm 1 x 2 teeth
- 18-840** Strabismus Tissue Forceps 4" (10.2 cm), 1 mm wide tips with 1 x 2 teeth
- 18-850** GRAEFE Tissue Forceps 4¾" (11.2 cm), standard jaws 4.5 mm wide, with fine teeth
- 18-852** GRAEFE Tissue Forceps 4¾" (11.2 cm), standard jaws 4.5 mm wide, with fine teeth, Non-Magnetic
- 18-854** GRAEFE Tissue Forceps 4¾" (11.2 cm), standard jaws 4.5 mm wide, with fine teeth, with catch



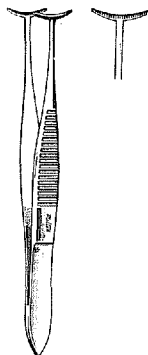
Dressing and Tissue Forceps



18-880
18-881



18-883



18-896
18-897



18-912



18-914

- 18-880** PIERSE Colibri Type Tissue Forceps 3 1/4" (8.3 cm), tips 0.12 mm
18-881 PIERSE Colibri Type Tissue Forceps 3 1/4" (8.3 cm), tips 0.3 mm
18-883 CASTROVIEJO Colibri Type Tissue Forceps 4" (10.2 cm), tips 0.12 mm, with tying platform
18-896 GREEN Tissue Forceps 4" (10.2 cm), T-shape, 12 mm wide 19 x 20 teeth
18-897 GREEN Tissue Forceps 4" (10.2 cm), T-shape, 5 mm wide 8 x 9 teeth
18-912 LESTER Tissue Forceps 3 3/4" (9.5 cm), delicate 1 x 2 teeth, 0.6 mm wide
18-914 LESTER Tissue Forceps 3 3/4" (9.5 cm), delicate 2 x 3 teeth, 1 mm wide

Dressing and Tissue Forceps

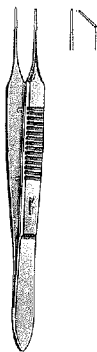
Miltex
M



18-916



18-946
18-947



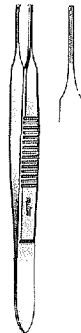
18-948
18-949



18-956
18-958



18-962
18-964



18-966

18-916 HARMON Tissue Forceps 3" (7.6 cm), 4 x 5 teeth, delicate 2.5 mm wide tips

18-946 HARMS Suturing Forceps 4½" (10.5 cm), straight, with 11 mm wide handles, tying platform, 0.6 mm wide at tip

18-947 HARMS Suturing Forceps 4½" (10.5 cm), curved, with 11 mm wide handles, tying platform, 0.6 mm wide at tip

18-948 McPHERSON Micro Iris Suturing Forceps 3½" (8.9 cm), straight, tying platform 0.3 x 5 mm, no teeth

18-949 McPHERSON Micro Iris Suturing Forceps 3½" (8.9 cm), angled, tying platform 0.3 x 5 mm, no teeth

18-956 NUGENT Utility Forceps 4¼" (10.8 cm), smooth tips 1.2 mm wide

18-958 NUGENT Utility Forceps 4¼" (10.8 cm), cross serrated tips 1.2 mm wide

18-962 McCULLOUGH Utility Forceps 4" (10.2 cm), smooth tips 1.5mm wide

18-964 McCULLOUGH Utility Forceps 4" (10.2 cm), cross serrated tips 1.5 mm wide

18-966 McCULLOUGH Suturing Forceps 4" (10.2 cm), cross serrated tips 1.5 mm wide with 1 x 2 teeth



Dressing and Tissue Forceps



18-970



18-971



18-978



18-1100



18-1102



18-1104

- 18-970** WILL'S HOSPITAL Utility Forceps 4" (10.2 cm), with cross serrated tying platform 1.2 mm wide
- 18-971** BONACCOLTO Utility Forceps 4" (10.2 cm), longitudinal serrations with cross serrations on tip, 1.2 mm wide with tapered tips
- 18-978** SCHAAF Foreign Body Forceps 3 3/4" (9.5 cm), grooved tips
- 18-1100** LITTAUER Cilia Forceps 3 1/2" (8.9 cm), 4 mm wide jaws with fine horizontal serrations
- 18-1102** BEER Cilia Forceps 3 1/2" (8.9 cm), 4 mm wide smooth jaws
- 18-1104** ZIEGLER Cilia Forceps 3 1/2" (8.9 cm), 2 mm wide smooth jaws

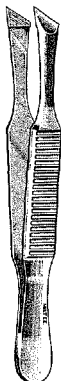
Dressing and Tissue Forceps



18-1106



18-1107



18-1108



18-1110



18-1111



18-1112

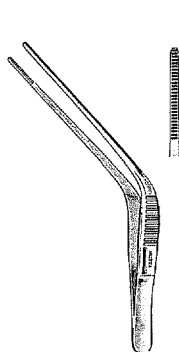


18-1114

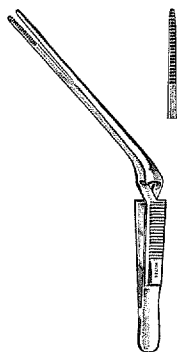
- 18-1106** DOUGLAS Cilia Forceps $3\frac{1}{2}$ " (8.9 cm), thin tips 2.5 mm wide, with fine horizontal serrations
- 18-1107** Swiss Cilia and Suture Forceps $3\frac{3}{4}$ " (9.5 cm), precision fitted diagonal jaws 3 mm wide
- 18-1108** BERGH Cilia Forceps $4\frac{1}{4}$ " (10.8 cm), 10 mm wide jaws with horizontal serrations
- 18-1110** BERGH Cilia Forceps $3\frac{1}{2}$ " (8.9 cm), 5 mm wide jaws with horizontal serrations
- 18-1111** BARRAQUER Cilia and Suture Forceps $4\frac{1}{2}$ " (11.4 cm), with 5 mm smooth platform
- 18-1112** BENNETT Cilia Forceps 3" (7.6 cm), cup shaped jaws 3 mm diameter
- 18-1114** BEAUPRE Cilia Forceps $4\frac{1}{2}$ " (11.4 cm), smooth jaws 12 mm long, 45° angle
- 18-1116** GRADLE Cilia Forceps 4" (10.2 cm), precision ground jaws 1.4 mm wide



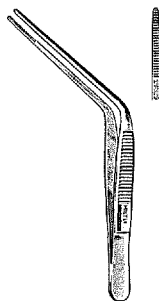
18-1116



19-350



19-356



19-360

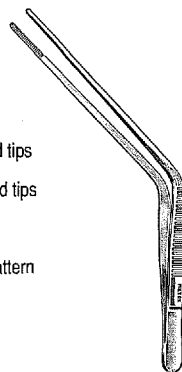


19-370



19-371

- 19-350 WILDE Dressing Forceps 5" (12.7 cm), angular with serrated tips
- 19-356 WILDE Dressing Forceps 5 1/4" (13.3 cm), cross action, angular with serrated tips
- 19-360 BLAKE Dressing Forceps 4 1/2" (11.4 cm), very delicate, angular with serrated tips
- 19-370 LUCAE Dressing Forceps 5 1/2" (14 cm), bayonet shape with serrated tips
- 19-371 JANSEN Dressing Forceps 6 1/4" (15.9 cm), bayonet shape, extra delicate pattern with 2 mm wide serrated tips
- 20-120 WILDE Dressing Forceps 6 1/2" (16.5 cm), angular



20-120

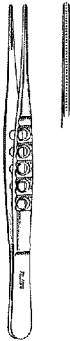
Dressing and Tissue Forceps



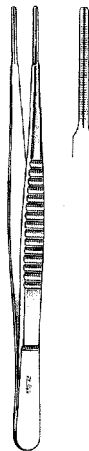
24-550
to
24-556



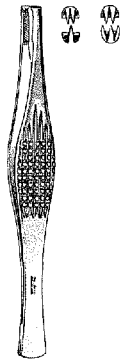
24-570
to
24-574



24-570XL



24-580
24-582



26-956
26-958



33-500

DeBAKEY ATRAUMATIC TISSUE FORCEPS, 2.5 cm wide tips

24-550	6" (15.2 cm)	24-554	9½" (24.1 cm)
24-552	7¾" (19.7 cm)	24-556	12" (30.5 cm)

DeBAKEY ATRAUMATIC TISSUE FORCEPS, 1.5 mm wide jaw tips

24-570	6" (15.2 cm)	
24-570XL	6" (15.2 cm)	lightweight with fenestrated handles
24-572	8" (20.3 cm)	
24-574	9½" (24.1 cm)	

24-580 COOLEY Atraumatic Tissue Forceps 6" (15.2 cm), tips 2 mm wide

24-582 COOLEY Atraumatic Tissue Forceps 8" (20.3 cm), tips 2 mm wide

26-956 FERRIS SMITH Tissue Forceps 7" (17.8 cm), serrated platform tips with 1 x 2 teeth

26-958 FERRIS SMITH Tissue Forceps 7" (17.8 cm), serrated platform tips with 2 x 3 teeth

33-500 MILTEX Depilatory Forceps 5½" (13.3 cm), flat square tips with deep serrations



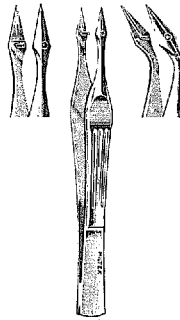
6-300
to
6-304



6-308



6-310



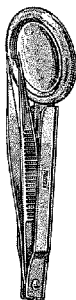
6-312
6-314



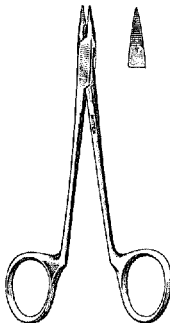
6-316
6-318

6-300	Plain Splinter Forceps 3 1/2" (8.9 cm)
6-302	Plain Splinter Forceps 4" (10.2 cm)
6-304	Plain Splinter Forceps 4 1/2" (11.4 cm)
6-308	CARMALT Splinter Forceps 4 1/4" (10.8 cm), straight
6-310	CARMALT Splinter Forceps 4 1/4" (10.8 cm), curved
6-312	WALTER Splinter Forceps 4 1/4" (10.8 cm), straight
6-314	WALTER Splinter Forceps 4 1/4" (10.8 cm), curved
6-316	FEILCHENFELD Splinter Forceps 3" (7.6 cm)
6-318	FEILCHENFELD Splinter Forceps 4 1/2" (11.4 cm)

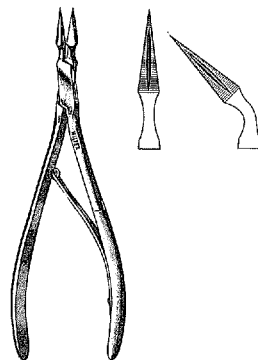
Splinter Forceps



V96-329



6-330



6-336

6-337

V96-329 Splinter Forceps 3" (7.6 cm), with magnifying glass, in carrying case

6-330 Physicians' Splinter Forceps 5" (12.7 cm)

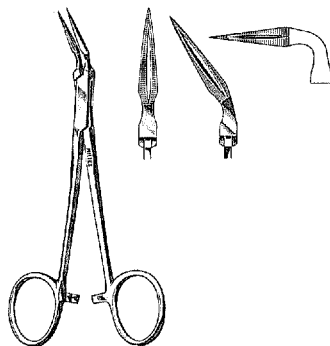
6-336 VIRTUS Splinter Forceps 6" (15.2 cm), straight

6-337 VIRTUS Splinter Forceps 6" (15.2 cm), 45° angle

6-338 WILLIAMS Splinter Forceps 5½" (14 cm), straight

6-340 WILLIAMS Splinter Forceps 5½" (14 cm), 45° angle

6-342 WILLIAMS Splinter Forceps 5½" (14 cm), right angle



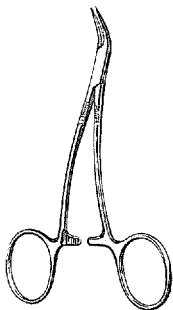
6-338

6-340

6-342



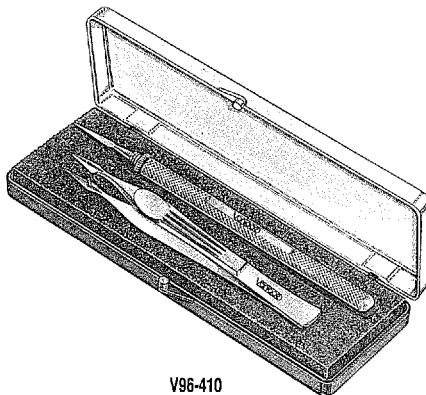
Splinter Forceps



6-350



6-400



V96-410

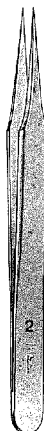
V96-415

- 6-350** PEET Splinter Forceps 4¾" (12.1 cm), double curve
- 6-400** MILTEX Splinter Liberator 5" (12.7 cm), trocar point in reversible handle
- V96-410** Professional Splinter Removal Kit. The Liberator is used to approach the embedded fragment by elevating the epidermis. After the fragment is exposed, the Walter Forceps is used for quick and easy removal of splinter.
- V96-415** Display carton with 12 ea. V96-410 Professional Splinter Removal Kits (not shown)

Splinter Forceps



17-301



17-302



17-303



17-303C



17-303X



17-304

SWISS JEWELER STYLE FORCEPS Non-Magnetic Stainless Steel

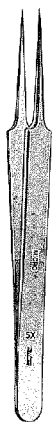
- 17-301 Style 1, fine, 4 3/4" (12.1 cm)
- 17-302 Style 2, strong, fine, 4 3/4" (12.1 cm)
- 17-303 Style 3, narrow, fine, 4 3/4" (12.1 cm)
- 17-303C Style 3C, narrow, fine, 4 3/8" (11.2 cm)
- 17-303X Style 3, micro-fine, 4 3/4" (12.1 cm)
- 17-304 Style 4, fine, 4 3/8" (11.2 cm)
- 17-305 Style 5, super fine, 4 3/8" (11.2 cm)



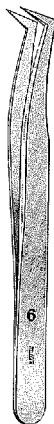
17-305



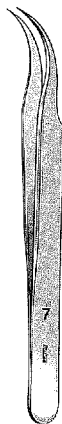
Splinter Forceps



17-305X



17-306



17-307



17-307X



18-980

SWISS JEWELER STYLE FORCEPS Non-Magnetic Stainless Steel

17-305X	Style 5, micro-fine, $4\frac{3}{8}$ " (11.2 cm)
17-306	Style 6, pickup, $4\frac{1}{2}$ " (11.4 cm)
17-307	Style 7, fine curved, $4\frac{1}{2}$ " (11.4 cm)
17-307X	Style 7, micro-fine, curved, $4\frac{1}{2}$ " (11.4 cm)
18-980	THORPE Splinter Forceps 4" (10.2 cm), very sharp points, fine serrated tips

Carb-N-Sert Dressing and Tissue Forceps



CARB-N-SERT DRESSING & TISSUE FORCEPS
with tungsten carbide insert tips permit atraumatic and firm
grasp of tissue. Tips have 4000 teeth per square inch



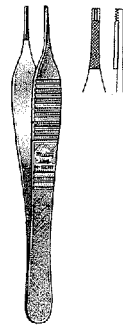
6-30TC



6-118TC



6-123TC



6-124TC

6-30TC Dressing Forceps 6" (15.2 cm), cross serrated tips

6-118TC ADSON Dressing Forceps 4¾" (12.1 cm), cross serrated tips

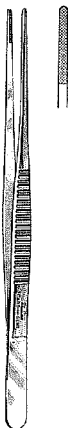
6-123TC ADSON Tissue and Suture Forceps 4¾" (12.1 cm), 1 x 2 teeth
and cross serrated tying platform

6-124TC BROWN-ADSON Tissue and Suture Forceps 4¾" (12.1 cm),
7 x 7 side grasping teeth and cross serrated tying platform



Carb-N-Sert Dressing and Tissue Forceps

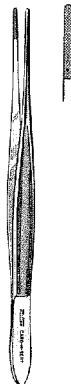
CARB-N-SERT DRESSING & TISSUE FORCEPS
with tungsten carbide insert tips permit atraumatic and firm
grasp of tissue. Tips have 4000 teeth per square inch



6-154TC to 6-158TC



6-165TC



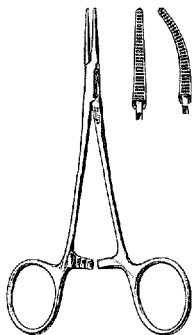
6-166TC



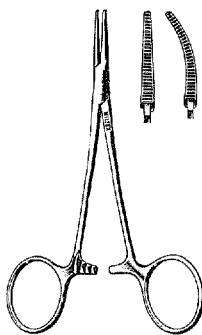
6-198TC

6-154TC	POTTS-SMITH Dressing Forceps 7" (17.8 cm), cross serrated tips
6-156TC	POTTS-SMITH Dressing Forceps 8¼" (21 cm), cross serrated tips
6-158TC	POTTS-SMITH Dressing Forceps 9¾" (24.8 cm), cross serrated tips
6-165TC	EVANS Pelvic Tissue Forceps 10" (25.4 cm), cross serrated tips
6-166TC	CUSHING Dressing Forceps 7" (17.8 cm), Gulch handle, cross serrated tips
6-198TC	ADSON Bayonet Dressing Forceps 8½" (21.6 cm), cross serrated tips

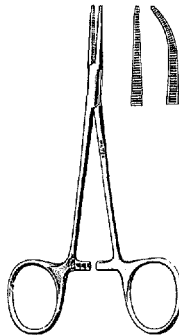
Hemostatic Forceps



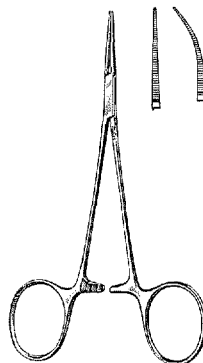
7-2
7-4



18-1934
18-1936

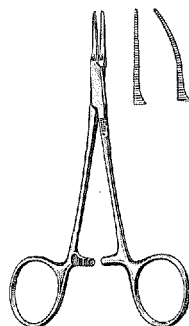


7-8
7-10



17-2600
17-2602

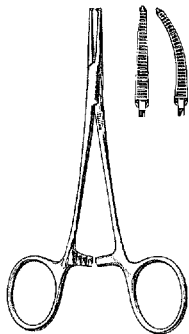
- 7-2 HALSTED Mosquito Forceps 5" (12.7 cm), straight
- 7-4 HALSTED Mosquito Forceps 5" (12.7 cm), curved
- 18-1934 Non-Magnetic HALSTED Mosquito Forceps 5" (12.7 cm)
- 18-1936 Non-Magnetic HALSTED Mosquito Forceps 5" (12.7 cm)
- 7-8 HALSTED Mosquito Forceps 5" (12.7 cm), straight, extra delicate
- 7-10 HALSTED Mosquito Forceps 5" (12.7 cm), curved, extra delicate
- 17-2600 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), straight, extremely delicate
- 17-2602 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), curved, extremely delicate
- 7-11 PACKER Mosquito Forceps 5" (12.7 cm), straight, flat jaws
- 7-12 PACKER Mosquito Forceps 5" (12.7 cm), curved, flat jaws



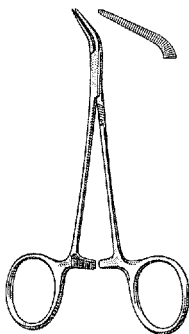
7-11
7-12



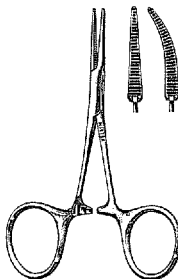
Hemostatic Forceps



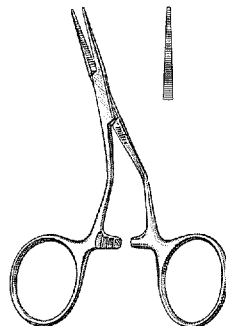
7-14
7-16



7-20

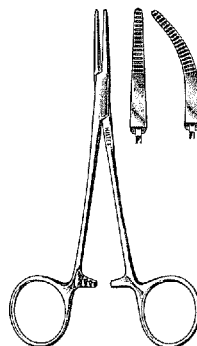


7-24
7-26



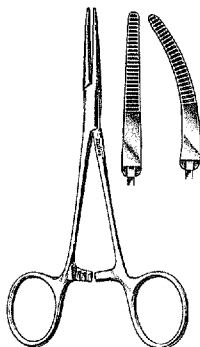
7-24A

- 7-14 HALSTED Mosquito Forceps 5" (12.7 cm), straight, 1 x 2 teeth
- 7-16 HALSTED Mosquito Forceps 5" (12.7 cm), curved, 1 x 2 teeth
- 7-20 HALSTED Mosquito Forceps 5" (12.7 cm), jaws 45° angled on flat, extra delicate
- 7-24 HARTMAN Mosquito Forceps 3½" (8.9 cm), straight
- 7-26 HARTMAN Mosquito Forceps 3½" (8.9 cm), curved
- 7-24A HARTMAN LEE Mosquito Forceps 3½" (8.9 cm), straight jaws, shanks angled on flat
- 7-30 PROVIDENCE HOSPITAL Forceps 5½" (14 cm), straight
- 7-32 PROVIDENCE HOSPITAL Forceps 5½" (14 cm), curved

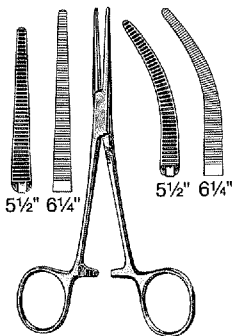


7-30
7-32

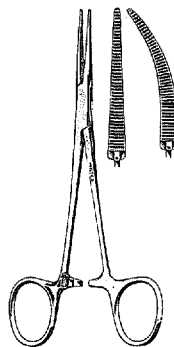
Hemostatic Forceps



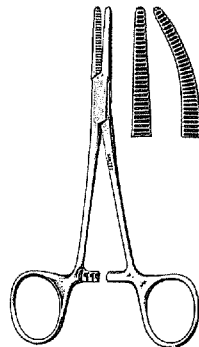
7-36
7-38



7-42 to 7-48

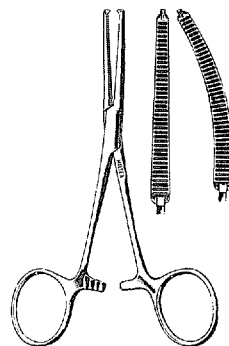


7-50
7-52



7-60
7-62

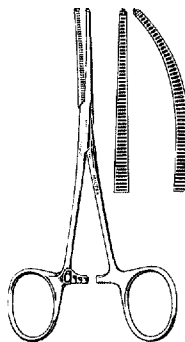
- 7-36 KELLY Forceps 5½" (14 cm), straight
- 7-38 KELLY Forceps 5½" (14 cm), curved
- 7-42 CRILE Forceps 5½" (14 cm), straight
- 7-44 CRILE Forceps 5½" (14 cm), curved
- 7-46 CRILE Forceps 6¼" (15.9 cm), straight
- 7-48 CRILE Forceps 6¼" (15.9 cm), curved
- 7-50 Baby CRILE Forceps 5½" (14 cm), straight, extra delicate
- 7-52 Baby CRILE Forceps 5½" (14 cm), curved, extra delicate
- 7-60 LAHEY Hemostatic Forceps 5½" (14 cm), straight
- 7-62 LAHEY Hemostatic Forceps 5½" (14 cm), curved
- 7-66 KOCHER Forceps 5½" (14 cm), straight, 1 x 2 teeth
- 7-68 KOCHER Forceps 5½" (14 cm), curved, 1 x 2 teeth



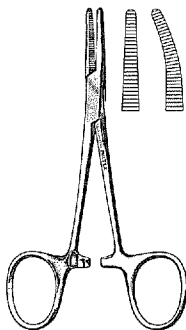
7-66
7-68



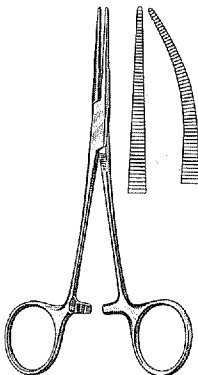
Hemostatic Forceps



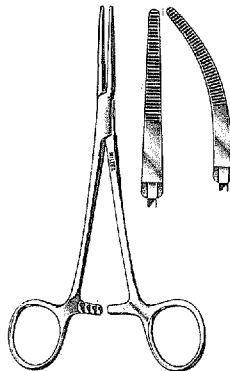
7-70
7-72



7-82
7-84



7-90
7-91



7-92
7-94

7-70 Baby OCHSNER Forceps 5 1/2" (14 cm), straight, 1 x 2 teeth, extra delicate

7-72 Baby OCHSNER Forceps 5 1/2" (14 cm), curved, 1 x 2 teeth, extra delicate

7-82 JONES Forceps 5" (12.7 cm), straight

7-84 JONES Forceps 5" (12.7 cm), curved

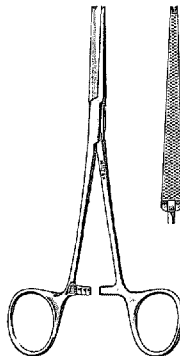
7-90 COLLER Forceps 6 1/4" (15.9 cm), straight, delicate

7-91 COLLER Forceps 6 1/4" (15.9 cm), curved, delicate

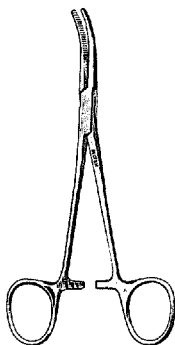
7-92 RANKIN Forceps 6 1/4" (15.9 cm), straight

7-94 RANKIN Forceps 6 1/4" (15.9 cm), curved

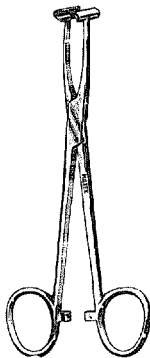
7-98 LOVELACE Hemostatic Forceps 6 1/4" (15.9 cm), straight, cross serrations, 1 x 2 teeth



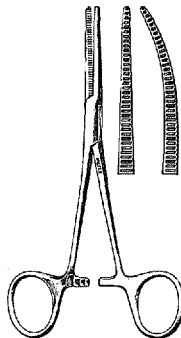
7-98



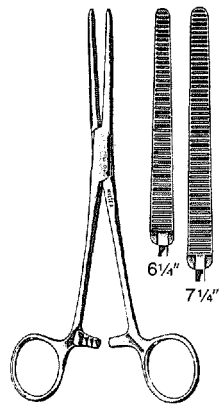
7-102



7-106



7-110
7-112



7-118 to 7-130

- 7-102** DANDY Forceps 5½" (14 cm), curved sideways
7-106 PRATT T-Shape Forceps 6" (15.2 cm)
7-110 Baby PEAN Forceps 5½" (14 cm), straight, extra delicate
7-112 Baby PEAN Forceps 5½" (14 cm), curved, extra delicate

ROCHESTER PEAN FORCEPS

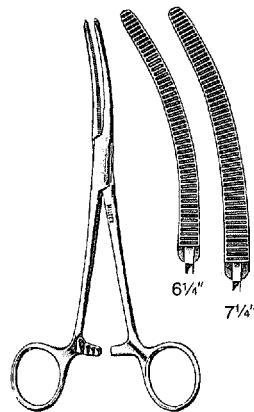
Straight

Length

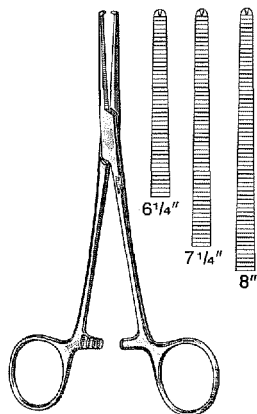
Curved

7-118	5½" (14 cm)
7-120	6¼" (15.9 cm)
7-122	7¼" (18.4 cm)
7-124	8" (20.3 cm)
7-126	9" (22.9 cm)
7-128	10¼" (26 cm)
7-130	12" (30.5 cm)

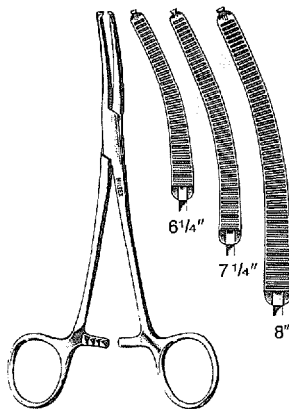
7-136
7-138
7-140
7-142
7-144
7-146
7-148



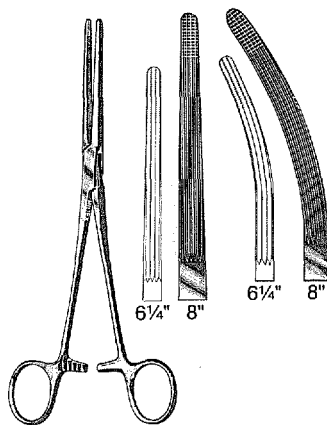
7-136 to 7-148



7-150 to 7-157



7-160 to 7-167



7-170 to 7-182

ROCHESTER OCHSNER FORCEPS, 1 x 2 TEETH

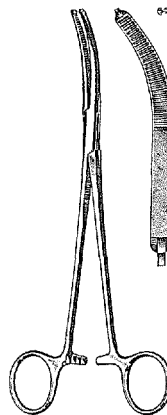
Straight	Length	Curved
7-150	6 1/4" (15.9 cm)	7-160
7-152	7 1/4" (18.4 cm)	7-162
7-154	8" (20.3 cm)	7-164
7-156	9" (22.9 cm)	7-166
7-157	10" (25.4 cm)	7-167

7-170 ROCHESTER CARMALT Forceps 6 1/4" (15.9 cm), straight

7-172 ROCHESTER CARMALT Forceps 6 1/4" (15.9 cm), curved

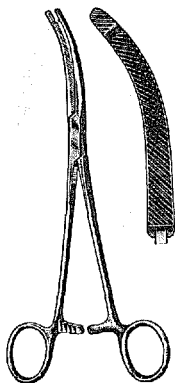
7-180 ROCHESTER CARMALT Forceps 8" (20.3 cm), straight

7-182 ROCHESTER CARMALT Forceps 8" (20.3 cm), straight

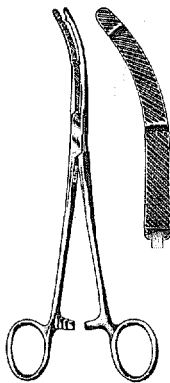
7-190 MICULICZ Hemostatic Forceps 8" (20.3 cm), slightly curved,
1 x 2 teeth


7-190

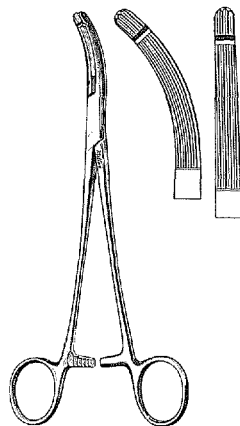
Hemostatic Forceps



30-1700



30-1710
30-1715



30-1716
30-1718

30-1700 HEANEY Forceps 8¼" (21 cm), heavy pattern, single tooth, curved

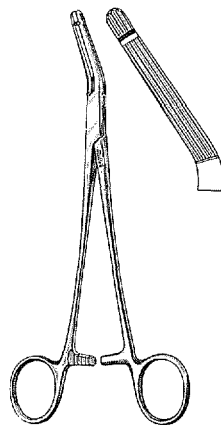
30-1710 HEANEY Forceps 8¼" (21 cm), heavy pattern, double tooth, curved

30-1715 HEANEY Forceps 9¾" (24.8 cm), extra heavy pattern, double tooth, curved

30-1716 HEANEY-BALLENTINE Forceps 8¼" (21 cm), longitudinal serrations, single tooth, curved

30-1718 BALLENTINE Forceps 8½" (21.6 cm), longitudinal serrations, single tooth, straight

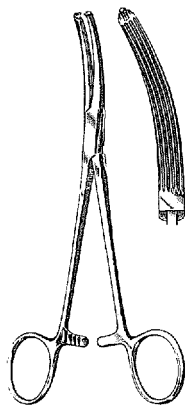
30-1720 GARLAND Forceps 8¼" (21 cm), longitudinal serrations, single tooth, angled on flat



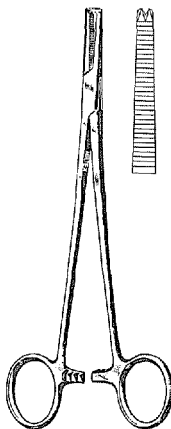
30-1720



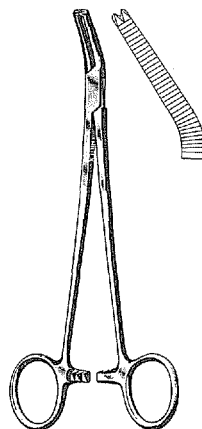
Hemostatic Forceps



30-1730

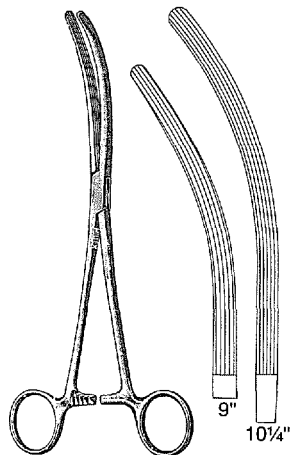


30-1735

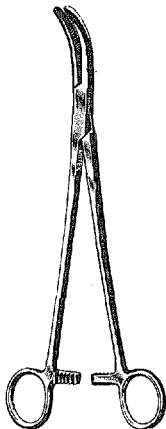


30-1740

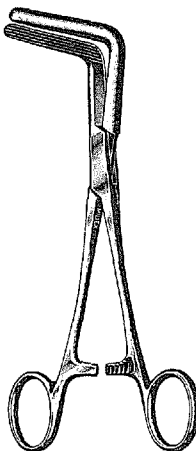
- 30-1730** LONG Forceps 7½" (19.1 cm), longitudinal serrations, 1 x 2 teeth, curved
- 30-1735** PHANEUF Forceps 8" (20.3 cm), horizontal serrated jaws, 1 x 2 teeth, straight
- 30-1740** PHANEUF Forceps 8" (20.3 cm), horizontal serrated jaws, 1 x 2 teeth, angled on flat
- 30-1805** PEAN Forceps 9" (22.9 cm), curved, with longitudinal serrations
- 30-1815** PEAN Forceps 10¼" (26 cm), curved, with longitudinal serrations



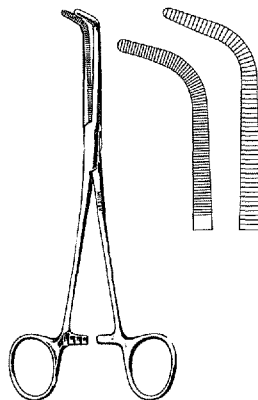
30-1805
30-1815



29-280



29-282



7-200
7-202

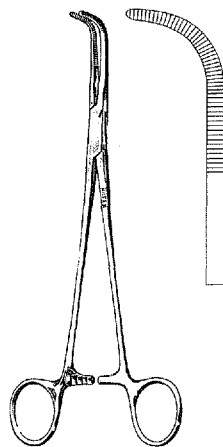
29-280 WERTHEIM Pedicle Clamp 9¾" (24.8 cm),
curved jaws 2" (5.1 cm) long

29-282 WERTHEIM-CULLEN Pedicle Clamp 8½" (21.6 cm),
right angle jaws 2" (5.1 cm) long

7-200 MIXTER Forceps 6¼" (15.9 cm), fully curved

7-202 MIXTER Forceps 7¼" (18.4 cm), fully curved

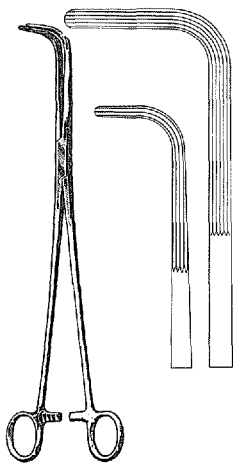
7-206 MIXTER Forceps 9" (22.9 cm), fully curved



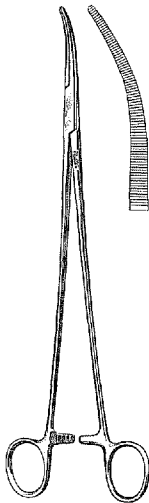
7-206



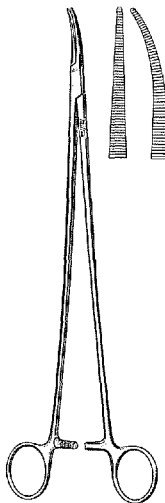
Hemostatic Forceps



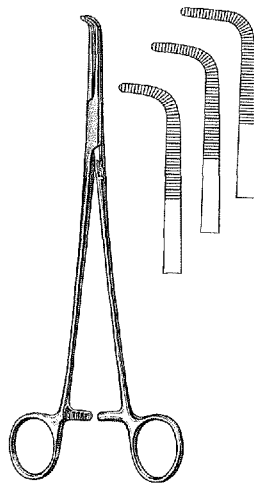
25-812
25-814



25-821

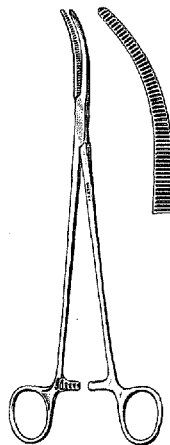


25-834
25-835



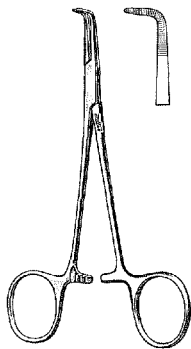
25-836 to 25-838

- 25-812** MIXTER Forceps 9" (22.9 cm), right angle jaws, longitudinal serrations
- 25-814** MIXTER Forceps 11" (27.9 cm), right angle jaws, longitudinal serrations
- 25-821** MILTEX Forceps 11" (27.9 cm), a delicate light-weight instrument with fine serrated 45 mm long jaws
- 25-834** BRIDGE Forceps 11" (27.9 cm), straight, very delicate
- 25-835** BRIDGE Forceps 11" (27.9 cm), curved, very delicate
- 25-836** KANTROWITZ Forceps 7½" (19.1 cm), delicate right angle jaws
- 25-837** KANTROWITZ Forceps 9½" (24.1 cm), delicate right angle jaws
- 25-838** KANTROWITZ Forceps 11" (27.9 cm), delicate right angle jaws
- 25-840** FINOCHIETTO Forceps 9" (22.9 cm), slightly curved jaws

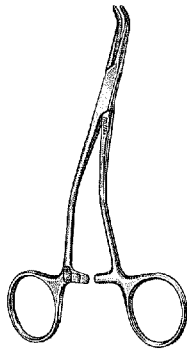


25-840

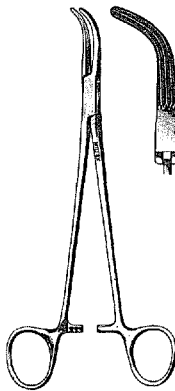
Hemostatic Forceps



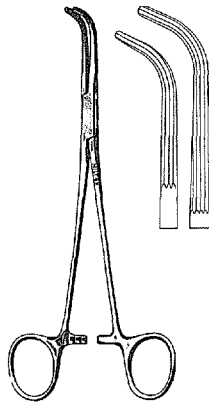
7-210



7-210A

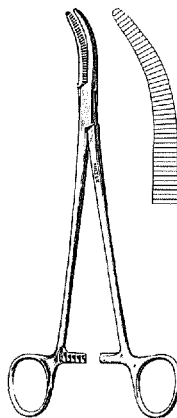


14-46

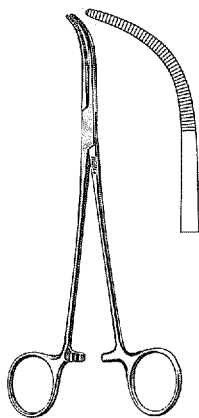


14-48
14-49

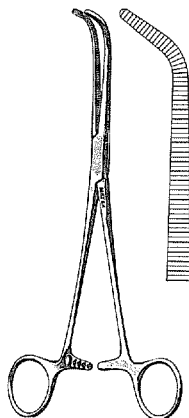
- 7-210** Baby MIXTER Forceps 5¼" (13.3 cm), fully curved, extra delicate
- 7-210A** MIXTER Forceps, Lee modif. 5¼" (13.3 cm), curved jaws and angled shanks, delicate
- 14-46** LOWER Forceps 7" (17.8 cm)
- 14-48** LAHEY Forceps 7½" (19.1 cm)
- 14-49** LAHEY Forceps 9" (22.9 cm)
- 14-50** MOYNIHAN Forceps 8½" (21.6 cm)



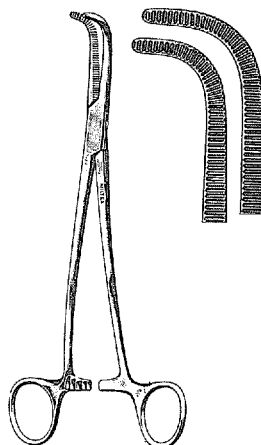
14-50



14-51

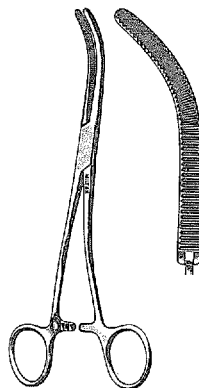


14-52



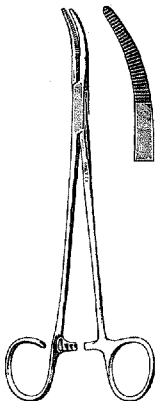
14-56

- 14-51 GREEN Forceps 8½" (21.6 cm), delicate
- 14-52 JOHNS HOPKINS Forceps 8" (20.3 cm)
- 14-56 GRAY Forceps 9" (22.9 cm), serrated, set of two
- 14-62 SHALLCROSS Forceps 7" (17.8 cm)

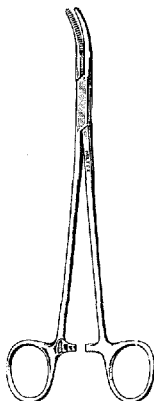


14-62

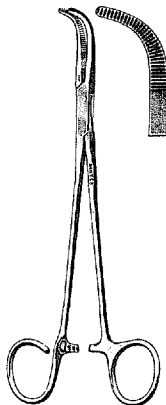
Hemostatic Forceps



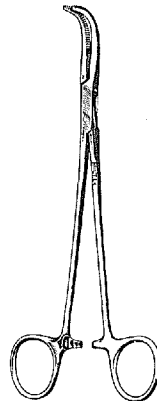
22-660



22-662



22-666



22-668

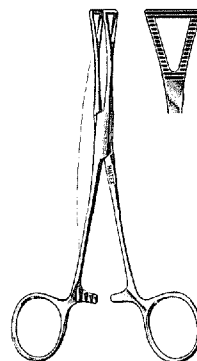
22-660 SCHNIDT Hemostatic Forceps 7 1/2" (19.1 cm), slight curve, open ring

22-662 SCHNIDT Hemostatic Forceps 7 1/2" (19.1 cm), slight curve, closed rings

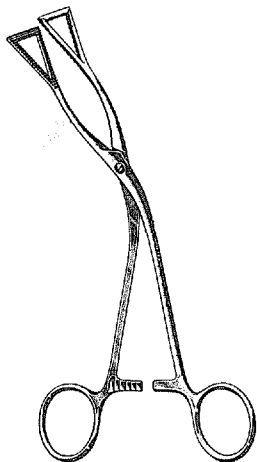
22-666 SAWTELL Hemostatic Forceps 7 1/2" (19.1 cm), full curve, open ring

22-668 SAWTELL Hemostatic Forceps 7 1/2" (19.1 cm), full curve, closed rings

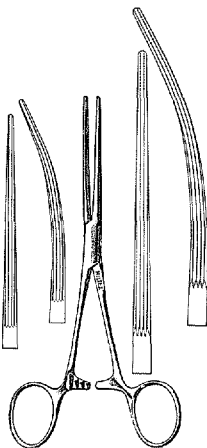
7-220 PENNINGTON Hemostatic Forceps 6" (15.2 cm)



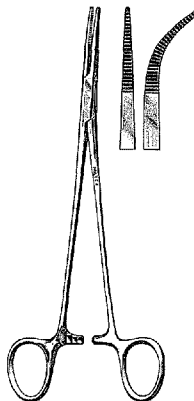
7-220



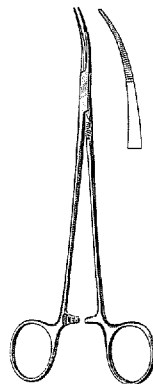
14-66



7-230 to 7-236

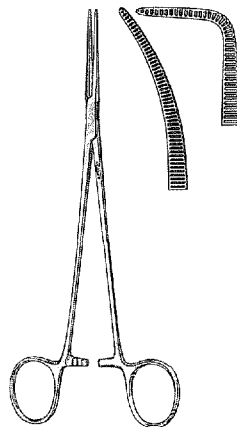


7-240
7-242



17-2603

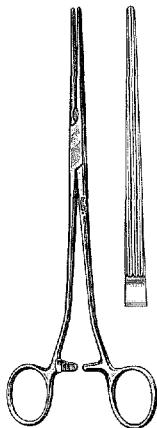
- 14-66 LOVELACE Gall Bladder Forceps 7¼" (18.4 cm), angular, 1" (2.5 cm) wide jaws
- 7-230 BAINBRIDGE Forceps 6" (15.2 cm), straight, longitudinal serrations with cross tip serrations
- 7-232 BAINBRIDGE Forceps 6" (15.2 cm), curved, longitudinal serrations with cross tip serrations
- 7-234 BAINBRIDGE Forceps 7¼" (18.4 cm), straight, longitudinal serrations with cross tip serrations
- 7-236 BAINBRIDGE Forceps 7¼" (18.4 cm), curved, longitudinal serrations with cross tip serrations
- 7-240 ADSON Hemostatic Forceps 7¼" (18.4 cm), straight
- 7-242 ADSON Hemostatic Forceps 7¼" (18.4 cm), curved
- 17-2603 JACOBSON Hemostatic Forceps 7" (17.8 cm), curved, extremely delicate
- 7-250 MOSQUITO Hemostatic Forceps 8¼" (21 cm), straight, delicate
- 7-252 MOSQUITO Hemostatic Forceps 8¼" (21 cm), curved, delicate
- 7-254 MOSQUITO Hemostatic Forceps 8¼" (21 cm), right angle, delicate



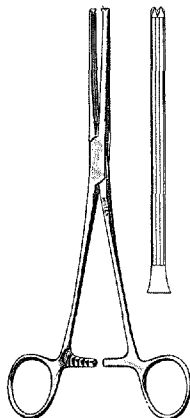
7-250 to 7-254

Hemostatic Forceps

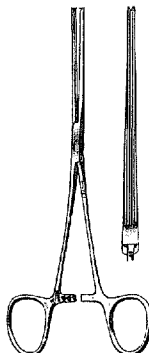
Miltex
M



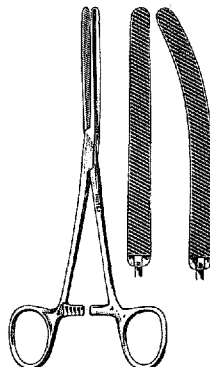
16-99



16-100

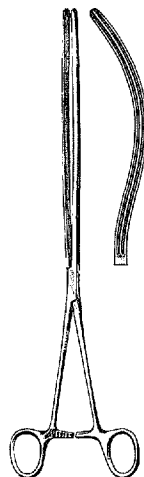


16-102

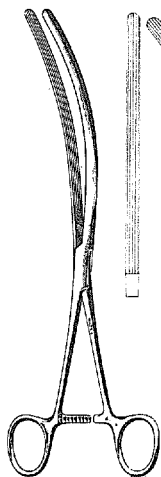


16-108
16-110

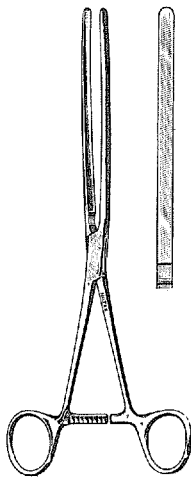
- 16-99** DENNIS Clamp 9" (22.9 cm), longitudinal serrations
- 16-100** ALLEN Clamp 8" (20.3 cm), longitudinal serrations with 1 x 2 teeth
- 16-102** Baby ALLEN Clamp 6½" (16.5 cm), delicate, longitudinal serrations with 1 x 2 teeth
- 16-108** Baby DOYEN Forceps 6½" (16.5 cm), straight, flexible blades with diagonal serrations
- 16-110** Baby DOYEN Forceps 6½" (16.5 cm), curved, flexible blades with diagonal serrations
- 16-120** KOCHER Forceps 10½" (26.7 cm), straight, longitudinal serrations
- 16-122** KOCHER Forceps 10½" (26.7 cm), curved, longitudinal serrations



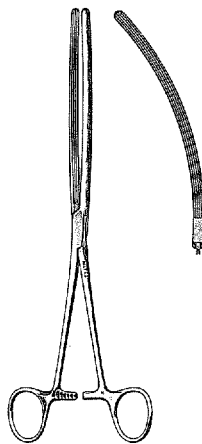
16-120
16-122



16-130
16-132

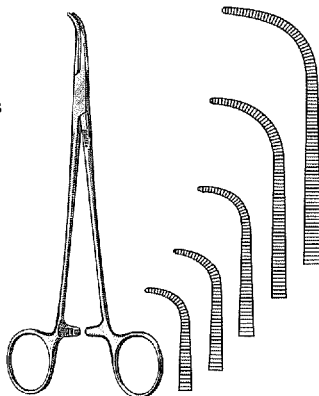


16-140



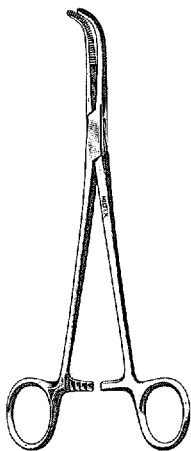
16-160
16-162

- 16-130 MAYO-ROBSON Forceps 10" (25.4 cm), straight, longitudinal serrations
- 16-132 MAYO-ROBSON Forceps 10" (25.4 cm), curved, longitudinal serrations
- 16-140 SCUDDER Forceps 9½" (24.1 cm), straight, smooth solid blades
- 16-160 DOYEN Forceps 9" (22.9 cm), straight, flexible blades with longitudinal serrations
- 16-162 DOYEN Forceps 9" (22.9 cm), curved, flexible blades with longitudinal serrations
- 7-255 GEMINI-MIXTER Forceps 5½" (14 cm), delicate, full curved jaws
- 7-256 GEMINI-MIXTER Forceps 7" (17.8 cm), delicate, full curved jaws
- 7-257 GEMINI-MIXTER Forceps 8" (20.3 cm), delicate, full curved jaws
- 7-258 GEMINI-MIXTER Forceps 9" (22.9 cm), delicate, full curved jaws
- 7-259 GEMINI-MIXTER Forceps 11" (27.9 cm), delicate, full curved jaws

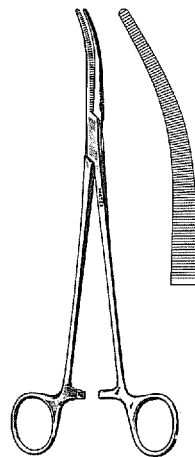
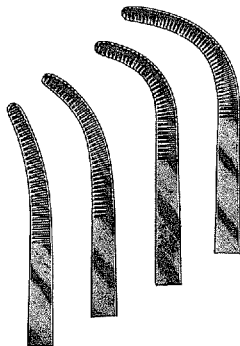


7-255 to 7-259

Hemostatic Forceps

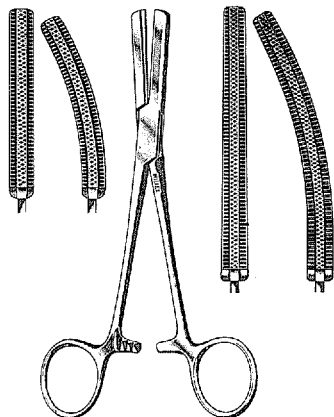


25-780 to 25-786

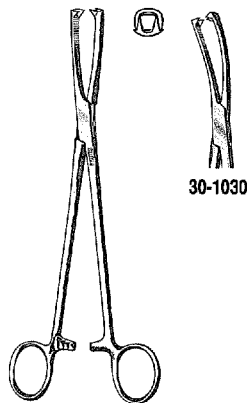


25-800

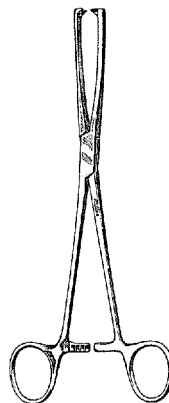
25-780	RUMEL Forceps 9" (22.9 cm), slight curve, 2 $\frac{3}{8}$ " (6.1 cm), long jaws
25-782	RUMEL Forceps 9" (22.9 cm), medium curve, 2 $\frac{3}{8}$ " (6.1 cm), long jaws
25-784	RUMEL Forceps 9" (22.9 cm), full curve, 2 $\frac{3}{8}$ " (6.1 cm), long jaws
25-786	RUMEL Forceps 9" (22.9 cm), angular, 2 $\frac{3}{8}$ " (6.1 cm), long jaws
25-800	SAROT Artery Forceps 9 $\frac{1}{2}$ " (24.1 cm), with 2 $\frac{1}{2}$ " (6.4 cm) long jaws



7-260 to 7-266

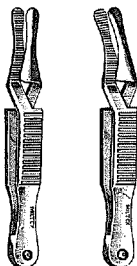


30-1025

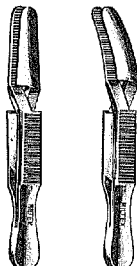


30-1050-6
30-1050-8
30-1050-10

- 7-260** FERGUSON Angiotribe Forceps 6½" (16.5 cm), straight
- 7-262** FERGUSON Angiotribe Forceps 6½" (16.5 cm), curved
- 7-264** FERGUSON Angiotribe Forceps 7½" (19.1 cm), straight
- 7-266** FERGUSON Angiotribe Forceps 7½" (19.1 cm), curved
- 30-1025** JACOBS Forceps 8½" (21.6 cm), straight, serrated jaws, 2 x 2 teeth
- 30-1030** JACOBS Forceps 8½" (21.6 cm), curved sideways, serrated jaws, 2 x 2 teeth
- 30-1050-6** MUSEUX Forceps 9½" (24.1 cm), straight, 2 x 2 teeth, 6 mm wide jaws
- 30-1050-8** MUSEUX Forceps 9½" (24.1 cm), straight, 2 x 2 teeth, 8 mm wide jaws
- 30-1050-10** MUSEUX Forceps 9½" (24.1 cm), straight, 2 x 2 teeth, 10 mm wide jaws



7-280 to 7-298



7-300 to 7-305



7-310



7-315

7-280	JOHNS HOPKINS Bulldog Clamp 1½" (3.8 cm), straight
7-282	JOHNS HOPKINS Bulldog Clamp 2" (5 cm), straight
7-284	JOHNS HOPKINS Bulldog Clamp 2½" (6.3 cm), straight
7-286	JOHNS HOPKINS Bulldog Clamp 3" (7.6 cm), straight
7-288	JOHNS HOPKINS Bulldog Clamp 3½" (8.9 cm), straight
7-290	JOHNS HOPKINS Bulldog Clamp 1½" (3.8 cm), curved
7-292	JOHNS HOPKINS Bulldog Clamp 2" (5 cm), curved
7-294	JOHNS HOPKINS Bulldog Clamp 2½" (6.3 cm), curved
7-296	JOHNS HOPKINS Bulldog Clamp 3" (7.6 cm), curved
7-298	JOHNS HOPKINS Bulldog Clamp 3½" (8.9 cm), curved
7-300	DIEFFENBACH Serrefine 2¼" (5.7 cm), straight
7-302	DIEFFENBACH Serrefine 2¼" (5.7 cm), curved
7-304	DIEFFENBACH Serrefine 1½" (3.8 cm), straight
7-305	DIEFFENBACH Serrefine 1½" (3.8 cm), curved
7-310	DIETHRICH Micro Bulldog Clamp 1⅞" (4.7 cm), straight jaws 8 mm x 1.2 mm
7-315	DIETHRICH Micro Bulldog Clamp 1¾" (4.4 cm), angled jaws 8 mm x 1.2 mm

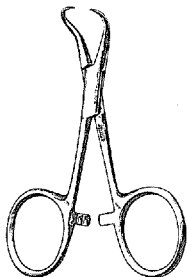
For Atraumatic Bulldog clamps see pages 374 - 376



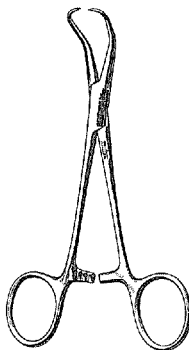
Towel Clamps



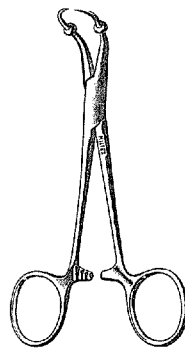
7-500
7-501



7-504

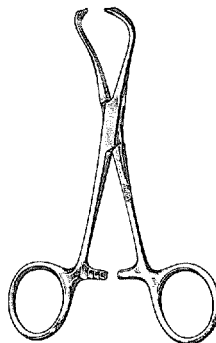


7-506

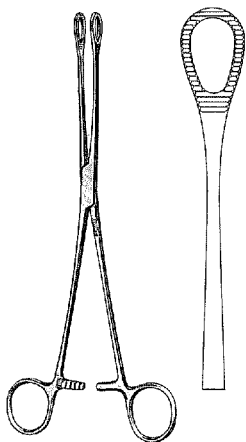


7-510

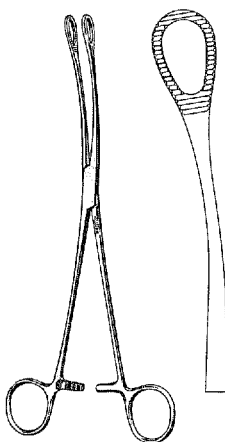
- 7-500 JONES Towel Clamp 3 1/2" (8.9 cm), standard size
7-501 JONES Towel Clamp 2 1/4" (5.7 cm), lightweight
7-504 BACKHAUS Towel Clamp 3 1/2" (8.9 cm)
7-506 BACKHAUS Towel Clamp 5 1/4" (13.3 cm)
7-510 ROEDER Towel Clamp 5 1/4" (13.3 cm), with ball stops
7-514 LORNA Non-Perforating Towel Clamp 3 1/2" (8.9 cm)
7-515 LORNA Non-Perforating Towel Clamp 5 1/4" (13.3 cm)



7-514
7-515



7-600 to 7-606

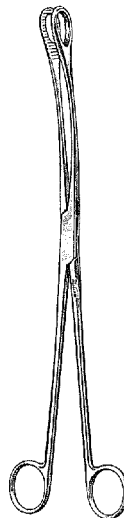


7-610 to 7-616

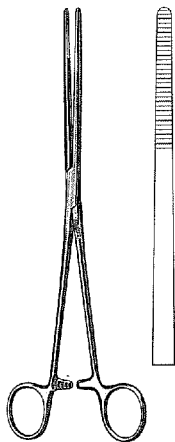
FOERSTER SPONGE FORCEPS

- 7-600 9½" (24.1 cm), straight, serrated jaws
- 7-602 9½" (24.1 cm), straight, smooth jaws
- 7-604 7" (17.8 cm), straight, serrated jaws
- 7-606 7" (17.8 cm), straight, smooth jaws
- 7-610 9½" (24.1 cm), curved, serrated jaws
- 7-612 9½" (24.1 cm), curved, smooth jaws
- 7-614 7" (17.8 cm), curved, serrated jaws
- 7-616 7" (17.8 cm), curved, smooth jaws

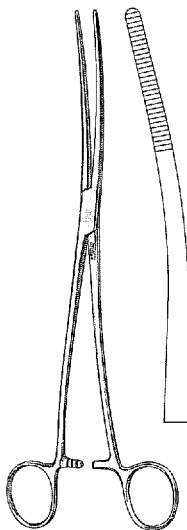
- 30-2505 KELLY Sponge Forceps 12½" (31.8 cm), serrated ring jaws, slightly curved



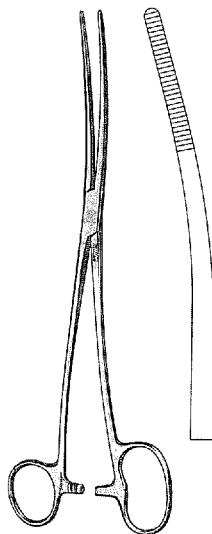
30-2505



7-620



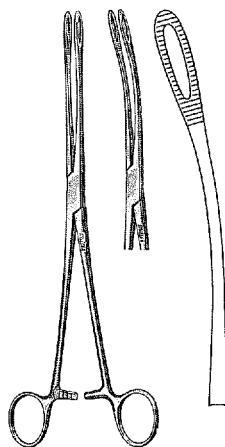
7-622



7-624

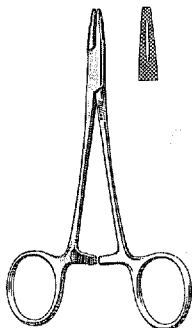
- 7-620 BOZEMAN Sponge Forceps 10 1/2" (26.7 cm), straight
- 7-622 BOZEMAN Sponge Forceps 10 1/2" (26.7 cm), double curved
- 7-624 BOZEMAN Sponge Forceps 10 1/2" (26.7 cm), double curved, with one large finger ring

- 7-630 FLETCHER Sponge Forceps 9 1/2" (24.1 cm), straight
- 7-632 FLETCHER Sponge Forceps 9 1/2" (24.1 cm), curved

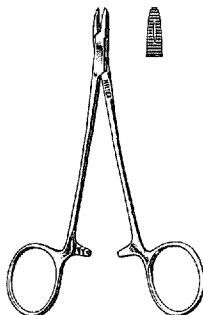


7-630

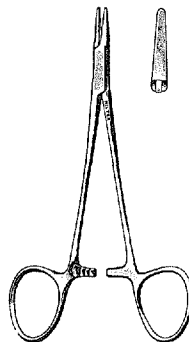
7-632



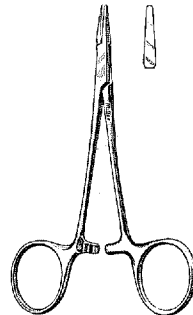
8-2



8-4



8-6



8-7

8-2 COLLIER Needle Holder 5" (12.7 cm),
fenestrated jaws

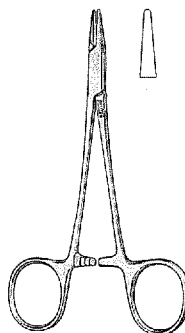
8-4 DERF Needle Holder 4 3/4" (12.1 cm)

8-6 WEBSTER Needle Holder 5" (12.7 cm),
delicate, smooth jaws, standard pattern

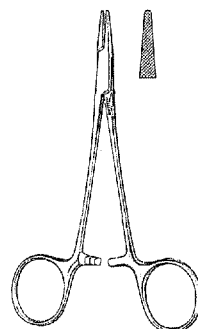
8-7 WEBSTER Needle Holder 4 3/4" (12.1 cm),
extra delicate, smooth jaws

8-8 HALSEY Needle Holder 5" (12.7 cm),
smooth jaws

8D-36 HALSEY Needle Holder 5" (12.7 cm),
serrated jaws



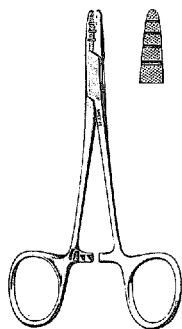
8-8



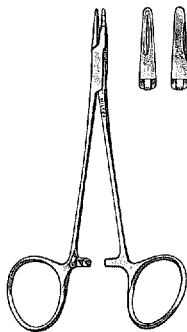
8D-36



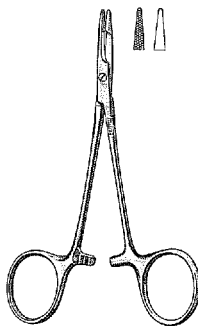
Needle Holders



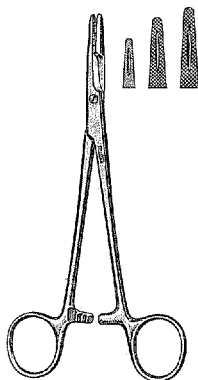
8-10



8-12



8-14
8-14A



8-15 to 8-17

8-10 ABBEY Needle Holder 5" (12.7 cm)

8-12 NEIVERT Needle Holder 5" (12.7 cm), one offset ring

OLSEN-HEGAR NEEDLE HOLDERS combined with Suture Scissors

8-14 4¾" (12.1 cm), extra delicate pattern, serrated jaws

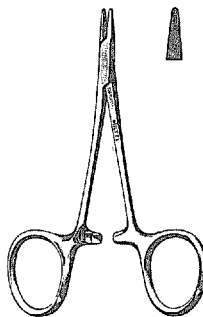
8-14A 4¾" (12.1 cm), extra delicate pattern, smooth jaws

8-15 5½" (14 cm), serrated jaws

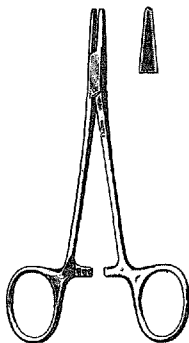
8-16 6½" (16.5 cm), serrated jaws

8-17 7¼" (18.4 cm), serrated jaws

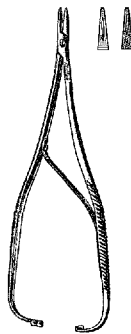
8-20 CONVERSE Needle Holder 4¼" (10.8 cm), longitudinal serrations, large finger rings



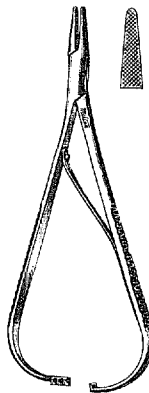
8-20



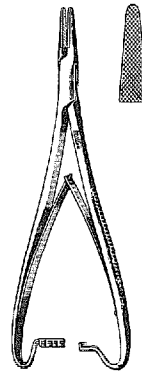
8-22
8-23



8-26



8-28



8-30
8-32

8-22 BROWN Needle Holder 5 1/4" (13.3 cm), convex jaws, fine serrations

8-23 BROWN Needle Holder 6 3/4" (17.1 cm), convex jaws, fine serrations

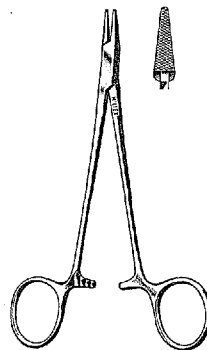
8-26 BOYNTON Needle Holder 5" (12.7 cm), delicate

8-28 MATHIEU Needle Holder 5 1/2" (14 cm), with spring handles

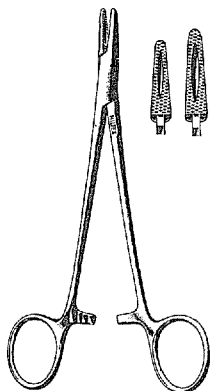
8-30 MATHIEU Needle Holder 6 3/4" (15.9 cm), with spring handles

8-32 MATHIEU Needle Holder 7 1/2" (19.1 cm), with spring handles

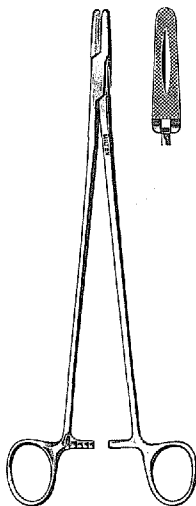
8-40 BAUMGARTNER Needle Holder 5 1/2" (14 cm)



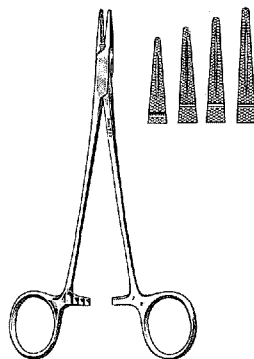
8-40



8-42 to 8-48



8-130



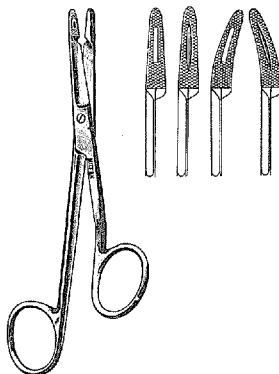
8-50 to 8-53

- 8-42 MAYO-HEGAR Needle Holder 5" (12.7 cm)
- 8-44 MAYO-HEGAR Needle Holder 6" (15.2 cm)
- 8-46 MAYO-HEGAR Needle Holder 7" (17.8 cm)
- 8-48 MAYO-HEGAR Needle Holder 8" (20.3 cm)
- 8-130 MAYO-HEGAR (MASSON) Needle Holder 10½" (26.7 cm)

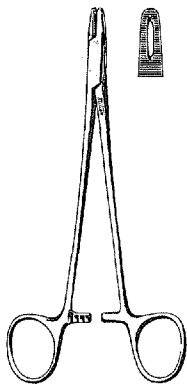
- 8-50 CRILE-WOOD Needle Holder 6" (15.2 cm)
- 8-51 CRILE-WOOD Needle Holder 7" (17.8 cm)
- 8-52 CRILE-WOOD Needle Holder 8" (20.3 cm)
- 8-53 CRILE-WOOD Needle Holder 9" (22.9 cm)

GILLIES-SHEEHAN Needle Holders combined
with Suture Scissors, one fenestrated jaw
and one angled finger ring

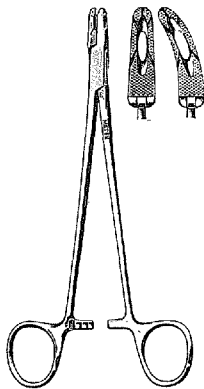
- 8-58 6½" (16.5 cm), straight
- 8-59 6½" (16.5 cm), curved



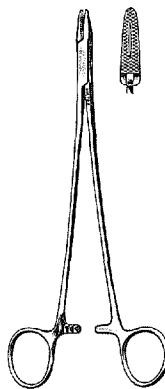
8-58
8-59



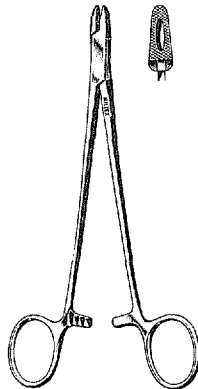
8-70



8-74
8-76

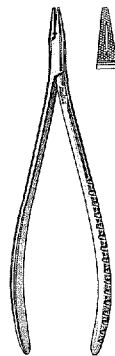


8-80

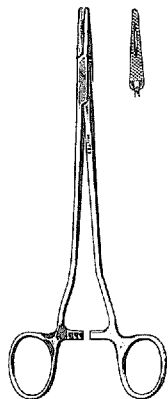


8-84

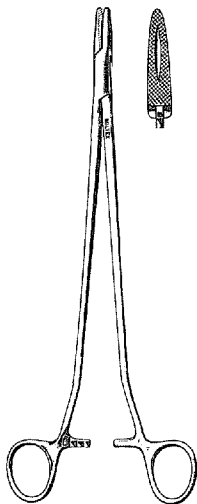
- 8-70 ADSON Needle Holder 7" (17.8 cm), fenestrated jaws
- 8-74 METZENBAUM Needle Holder 7¼" (18.4 cm), straight, fenestrated jaws
- 8-76 METZENBAUM Needle Holder 7¼" (18.4 cm), curved, fenestrated jaws
- 8-80 NEW ORLEANS Needle Holder 7" (17.8 cm)
- 8-84 M.G.H. Needle Holder 7" (17.8 cm)
- 8-94 CRILE Needle Holder 6" (15.2 cm)



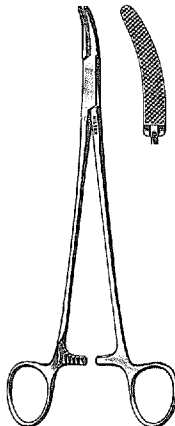
8-94



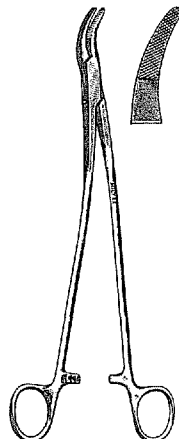
8-96



8-114

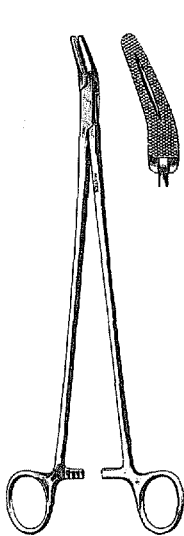


8-100

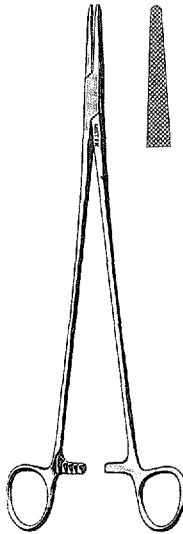


8-102

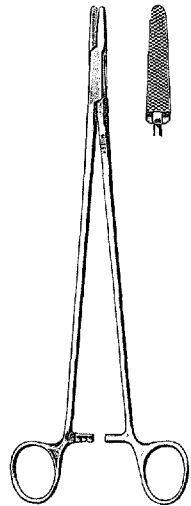
- 8-96 SAROT Needle Holder 7½" (18.1 cm), light model
- 8-114 SAROT Needle Holder 10½" (26.7 cm)
- 8-100 HEANEY Needle Holder 8½" (21.6 cm), curved jaws
- 8-102 STRATTE Needle Holder 9" (22.9 cm), double curved jaws and bent shanks



8-122



8-134

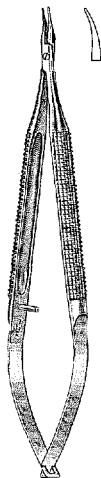


8-136

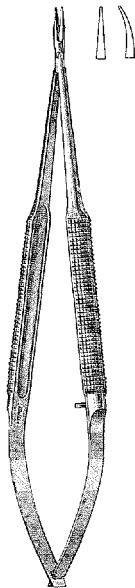
- 8-122 FINOCHIETTO Needle Holder 10½" (26.7 cm), angled jaws
- 8-134 WANGENSTEEN Needle Holder 10¾" (27.3 cm), long jaws
- 8-136 WANGENSTEEN Needle Holder 10½" (26.7 cm), short jaws



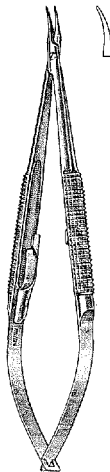
Needle Holders



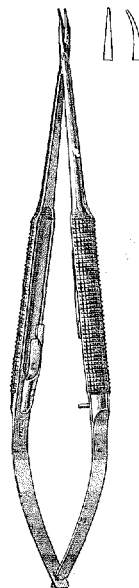
17-1000



**17-980
17-1010**



17-1020

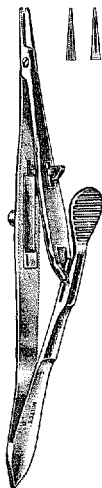


**17-1024
17-1025**

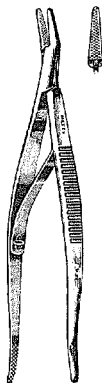
MILTEX Micro Surgery Needle Holders
with round handles, 0.6 mm tips

17-1000	5¼" (13.3 cm), curved jaws
17-980	7⅞" (18.1 cm), straight jaws
17-1010	7⅞" (18.1 cm), curved jaws
17-1020	5¼" (13.3 cm), curved jaws, with lock
17-1024	7⅞" (18.1 cm), straight jaws, with lock
17-1025	7⅞" (18.1 cm), curved jaws, with lock

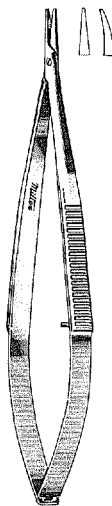
Needle Holders



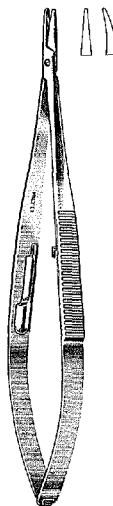
18-1800



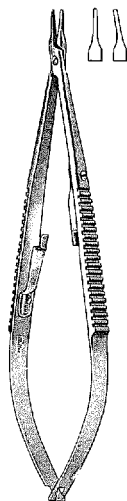
18-1810



18-1820
18-1824

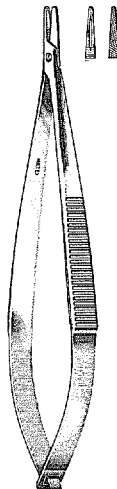


18-1828
18-1832

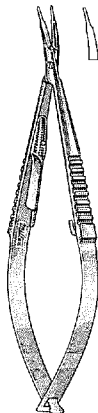


18-1831
18-1833

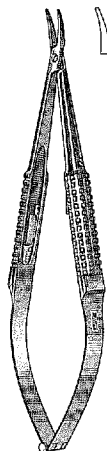
- 18-1800** KALT Needle Holder 5¼" (13.3 cm), standard model, delicate jaws
- 18-1810** GREEN Needle Holder and Suturing Forceps 4¼" (10.8 cm), angled jaws, double end
- 18-1820** CASTROVIEJO Needle Holder 5½" (14 cm), straight, without lock
- 18-1824** CASTROVIEJO Needle Holder 5½" (14 cm), curved, without lock
- 18-1828** CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock
- 18-1832** CASTROVIEJO Needle Holder 5½" (14 cm), curved, with lock
- 18-1831** CASTROVIEJO Needle Holder 5½" (14 cm), straight, extra delicate jaws, with lock
- 18-1833** CASTROVIEJO Needle Holder 5½" (14 cm), curved, extra delicate jaws, with lock



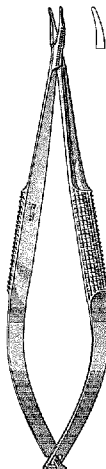
18-1834



18-1837



18-1838
18-1839



18-1840



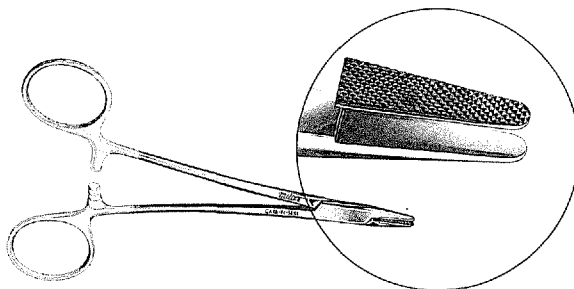
18-1858

- 18-1834** PATON Needle Holder 4½" (11.4 cm), straight, without lock
- 18-1837** McPHERSON Needle Holder for microsurgery 4" (10.2 cm), curved, smooth tapered jaws, with lock
- 18-1838** BARRAQUER Needle Holder 5" (12.7 cm), curved, without lock, 10 mm wide hollow round handles
- 18-1839** BARRAQUER Needle Holder 5" (12.7 cm), curved, with lock, 10 mm wide hollow round handles
- 18-1840** BARRAQUER Needle Holder 5½" (13 cm), curved, delicate tapered jaws, 8 mm wide round handles, without lock
- 18-1858** STEVENS Needle Holder 6½" (16.5 cm), with ratchet lock

Carb-N-Sert Needle Holders



OUR TOP QUALITY LINE OF NEEDLE HOLDERS



Carb-N-Sert jaws are made of tungsten carbide, the hardest steel made for surgical instruments. They are then bonded to needle holders made of the finest quality stainless steel.

- Teeth are precision milled into the tungsten carbide, forming sharp pyramid-shapes to provide a positive non-slip grip on needles and sutures.
- Carb-N-Sert jaws are custom styled with teeth ranging from 2600 p.sq. inch to 16000 p.sq. inch, according to the size of the instrument and the sizes of needles and sutures used. Some needle holder patterns are also available with smooth Carb-N-Sert jaws, designed to hold the smallest sutures in micro-surgical and plastic surgery procedures.
- The edges around the outside of the jaws are chamfered to prevent

accidental cutting of suture material when held in the jaws.

- The edges around the box lock have distinct non-catch bevels, preventing fraying of suture material.
- Finger Rings are well rounded and polished for better "feel" and prevention of finger fatigue.
- Each instrument is satin finished to reduce glare.

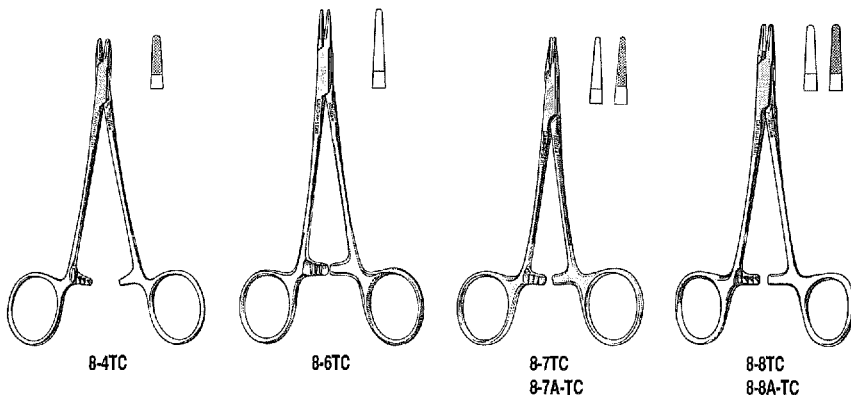
Gold plated finger rings identify these tungsten carbide instruments, and the Miltex catalog number has been etched on each needle holder to facilitate re-ordering.

Carb-N-Sert Needle Holders are specifically designed for precise suturing, thereby facilitating the surgeon's task.



Carb-N-Sert Needle Holders

CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures

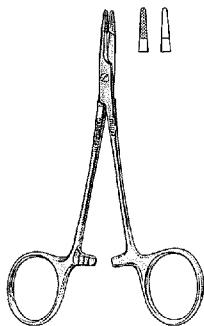


- 8-4TC** DERF Needle Holder $4\frac{3}{4}$ " (12.1 cm), serrated jaws 4000 teeth p. sq. inch
- 8-6TC** WEBSTER Needle Holder $5\frac{1}{4}$ " (13.3 cm), smooth jaws, standard pattern, delicate
- 8-7TC** WEBSTER Needle Holder $4\frac{3}{4}$ " (12.1 cm), smooth jaws, extra delicate
- 8-7A-TC** WEBSTER (JOHNSON) Needle Holder $4\frac{3}{4}$ " (12.1 cm), serrated jaws 4000 teeth p. sq. inch, extra delicate
- 8-8TC** HALSEY Needle Holder 5" (12.7 cm), smooth jaws, standard pattern
- 8-8A-TC** HALSEY Needle Holder 5" (12.7 cm), serrated jaws 4000 teeth p. sq. inch

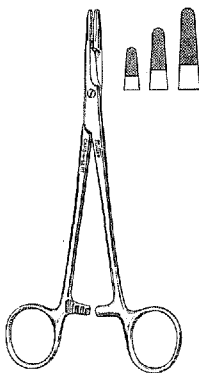
Carb-N-Sert Needle Holders



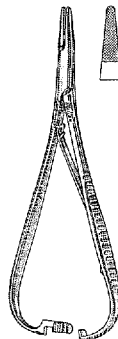
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures



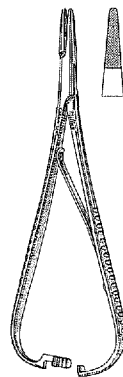
8-14TC
8-14A-TC



8-15TC
8-16TC
8-17TC



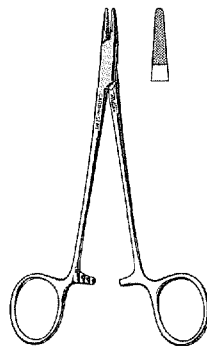
8-28TC



8-30TC

OLSEN-HEGAR NEEDLE HOLDERS combined with Suture Scissors

- 8-14TC** 4¾" (12.1 cm) extra delicate, serrated jaws
4000 teeth p. sq. inch
- 8-14A-TC** 4¾" (12.1 cm), extra delicate, smooth jaws
- 8-15TC** 5½" (14 cm) serrated jaws 2600 teeth p. sq. inch
- 8-16TC** 6½" (16.5 cm) serrated jaws 2600 teeth p. sq. inch
- 8-17TC** 7½" (19.1 cm) serrated jaws 2600 teeth p. sq. inch
- 8-28TC** MATHIEU Needle Holder 5½" (14 cm), serrated jaws
2600 teeth p. sq. inch
- 8-30TC** MATHIEU Needle Holder 6¼" (15.9 cm), serrated jaws
2600 teeth p. sq. inch
- 8-40TC** BAUMGARTNER Needle Holder 5½" (14 cm), serrated
jaws 4000 teeth p. sq. inch

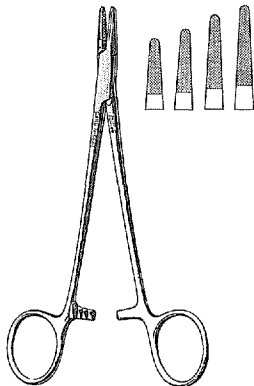


8-40TC

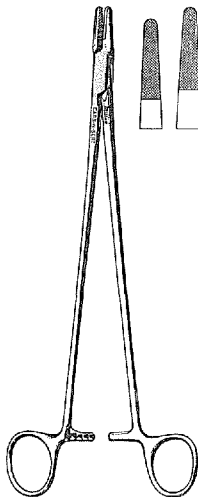


Carb-N-Sert Needle Holders

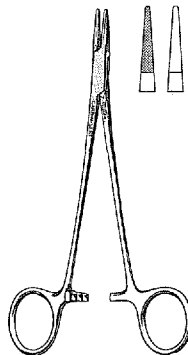
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures



8-42TC to 8-48TC



8-130TC
8-49TC



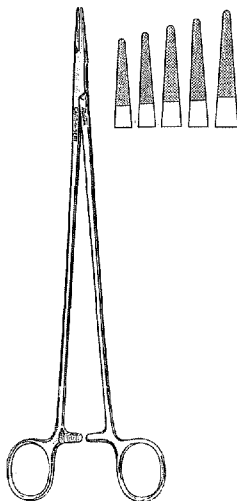
8-50TC
8-50A-TC

8-42TC	MAYO-HEGAR Needle Holder 5" (12.7 cm), serrated jaws 2600 teeth p. sq. inch
8-44TC	MAYO-HEGAR Needle Holder 6" (15.2 cm), serrated jaws 2600 teeth p. sq. inch
8-46TC	MAYO-HEGAR Needle Holder 7" (17.8 cm), serrated jaws 2600 teeth p. sq. inch
8-48TC	MAYO-HEGAR Needle Holder 8" (20.3 cm), serrated jaws 2600 teeth p. sq. inch
8-130TC	MAYO-HEGAR (MASSON) Needle Holder 10½" (26.7 cm), serrated jaws 2600 teeth p. sq. inch
8-49TC	MAYO-HEGAR Needle Holder 12" (30.5 cm), serrated jaws 2600 teeth p. sq. inch
8-50TC	CRILE-WOOD Needle Holder 6" (15.2 cm), serrated jaws 4000 teeth p. sq. inch
8-50A-TC	CRILE-WOOD Needle Holder 6" (15.2 cm), smooth jaws

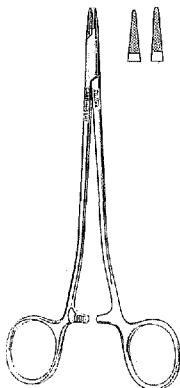
Carb-N-Sert Needle Holders



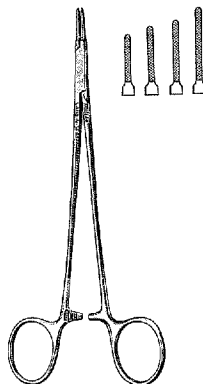
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures



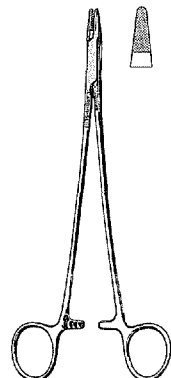
8-51TC to 8-57TC



8-62TC
8-63TC



8-65TC to 8-69TC



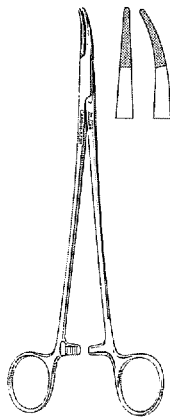
8-81TC

8-51TC	CRILE-WOOD (DeBAKEY) Needle Holder 7" (17.8 cm), serrated jaws 4000 teeth p. sq. inch
8-52TC	CRILE-WOOD (DeBAKEY) Needle Holder 8" (20.3 cm), serrated jaws 2600 teeth p. sq. inch
8-53TC	CRILE-WOOD (DeBAKEY) Needle Holder 9" (22.9 cm), serrated jaws 2600 teeth p. sq. inch
8-55TC	CRILE-WOOD (DeBAKEY) Needle Holder 10½" (26.7 cm), serrated jaws 2600 teeth p. sq. inch
8-57TC	CRILE-WOOD (DeBAKEY) Needle Holder 12" (30.5 cm), serrated jaws 2600 teeth p. sq. inch
8-62TC	COOLEY Needle Holder 6" (15.2 cm), extra delicate, serrated jaws 4000 teeth p. sq. inch
8-63TC	COOLEY Needle Holder 6¾" (17.1 cm), extra delicate, serrated jaws 4000 teeth p. sq. inch
8-65TC	RYDER-Type Intracardiac Needle Holder 5" (12.7 cm), extra delicate, serrated jaws 4000 teeth p. sq. inch
8-66TC	RYDER-Type Intracardiac Needle Holder 6" (15.2 cm), extra delicate, serrated jaws 4000 teeth p. sq. inch
8-67TC	RYDER-Type Intracardiac Needle Holder 7" (17.8 cm), extra delicate, serrated jaws 4000 teeth p. sq. inch
8-69TC	RYDER-Type Intracardiac Needle Holder 9" (22.9 cm), extra delicate, serrated jaws 4000 teeth p. sq. inch
8-81TC	NEW ORLEANS Needle Holder 7" (17.8cm), serrated jaws 2600 teeth p. sq. inch

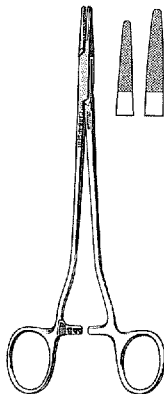


Carb-N-Sert Needle Holders

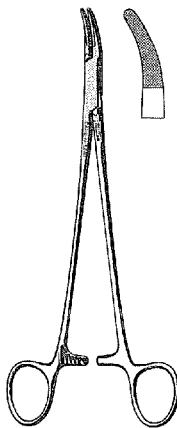
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures



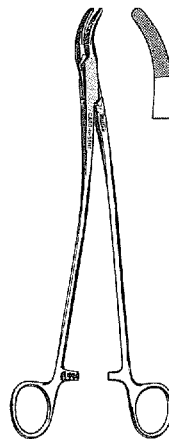
8-82TC
8-83TC



8-96TC
8-114TC



8-100TC



8-102TC

8-82TC JULIAN PATTERN Needle Holder 8¼" (21cm), straight fine tips,
serrated jaws 2600 teeth p. sq. inch

8-83TC JULIAN PATTERN Needle Holder 8¼" (21cm), curved fine tips,
serrated jaws 2600 teeth p. sq. inch

8-96TC SAROT Needle Holder 7¼" (18.4cm), serrated jaws
2600 teeth p. sq. inch

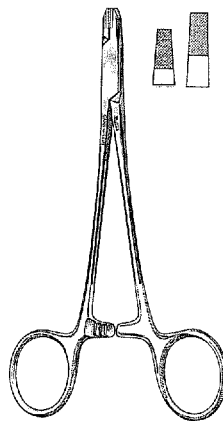
8-114TC SAROT Needle Holder 10½" (26.7cm), serrated jaws
2600 teeth p. sq. inch

8-100TC HEANEY Needle Holder 8½" (21.6 cm), curved, serrated jaws
2600 teeth p. sq. inch

8-102TC STRATTE Needle Holder 9" (22.9cm), serrated jaws
2600 teeth p. sq. inch

22-500TC Wire Twister 6" (15.2 cm)

22-502TC Wire Twister 8" (20.3 cm)

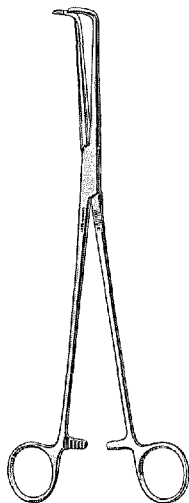


22-500TC
22-502TC

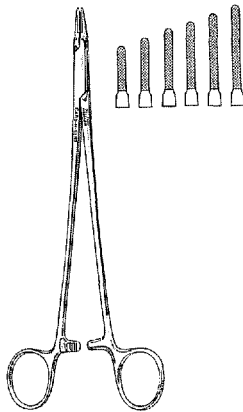
Carb-N-Sert Needle Holders



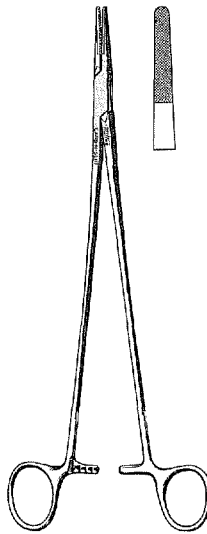
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts insure firm holding of needles and sutures



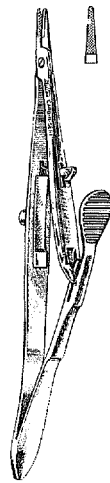
29-310TC



8-101TC to 107TC



8-134TC



18-1800TC

29-310TC BIHRLE Needle Holder/Clamp 11" (27.9 cm)

8-101TC RYDER Needle Holder 5" (12.7 cm), serrated jaws 4000 teeth p. sq. inch

8-103TC RYDER Needle Holder 6" (15.2 cm), serrated jaws 4000 teeth p. sq. inch

8-104TC RYDER Needle Holder 7" (17.8 cm), serrated jaws 4000 teeth p. sq. inch

8-105TC RYDER Needle Holder 8" (20.3 cm), serrated jaws 4000 teeth p. sq. inch

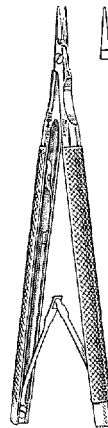
8-106TC RYDER Needle Holder 9" (22.9 cm), serrated jaws 4000 teeth p. sq. inch

8-107TC RYDER Needle Holder 10 1/4" (26 cm), serrated jaws 4000 teeth p. sq. inch

8-134TC WANGENSTEEN Needle Holder 10 3/4" (27.3 cm), serrated jaws 2600 teeth p. sq. inch

18-1800TC KALT Needle Holder 5 1/2" (14 cm), serrated jaws 16000 teeth p. sq. inch

18-1816TC MILTEX-CASTROVIEJO Needle Holder 4 1/8" (10.5 cm), round handles, with lock, delicate smooth jaws

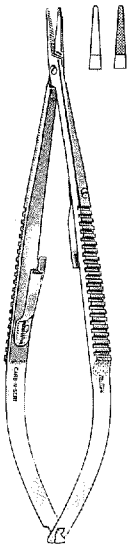


18-1816TC

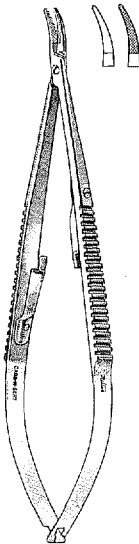


Carb-N-Sert Needle Holders

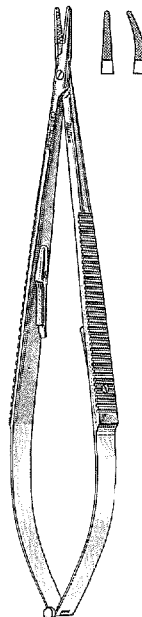
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts insure firm holding of needles and sutures



18-1828TC
18-1828A-TC



18-1832TC
18-1832A-TC



17-1090TC to 17-1092TC

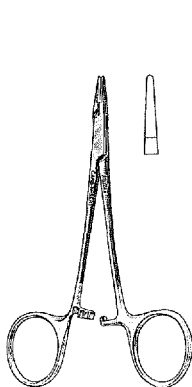
- 18-1828TC** CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock, smooth jaws
18-1828A-TC CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock, serrated jaws 16000 teeth p. sq. inch
18-1832TC CASTROVIEJO Needle Holder 5½" (14 cm), curved, with lock, smooth jaws
18-1832A-TC CASTROVIEJO Needle Holder 5½" (14 cm), curved, with lock, serrated jaws 16000 teeth p. sq. inch
17-1090TC JACOBSON Microvascular Needle Holder 7" (17.8 cm), straight, with lock, serrated jaws 16000 teeth p. sq. inch
17-1091TC JACOBSON Microvascular Needle Holder 7" (17.8 cm), curved, with lock, serrated jaws 16000 teeth p. sq. inch
17-1092TC JACOBSON Microvascular Needle Holder 8½" (21.6 cm), straight, with lock, serrated jaws 16000 teeth p. sq. inch

Carb-N-Sert Needle Holders

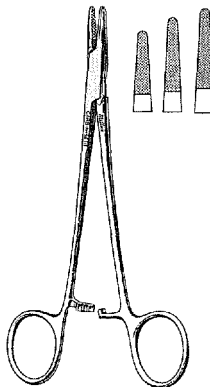


CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures

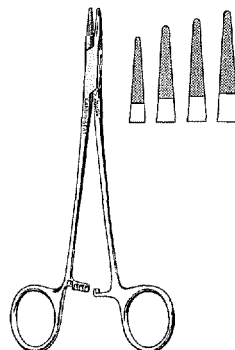
With QUICK-RELEASE RATCHET
(suitable for Left Handers)



8-706TC

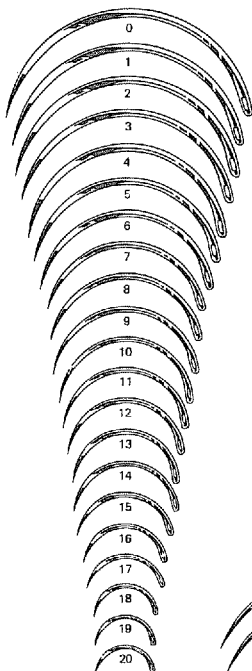


8-744TC to 8-748TC



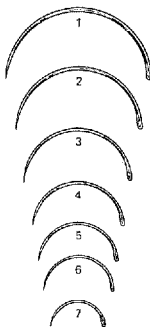
8-750TC to 8-753TC

8-706TC	WEBSTER Quick-Release Needle Holder 5" (12.7 cm), smooth jaws
8-744TC	MAYO-HEGAR Quick-Release Needle Holder 6" (15.2 cm), serrated jaws 2600 teeth p. sq. inch
8-746TC	MAYO-HEGAR Quick-Release Needle Holder 7" (17.8 cm), serrated jaws 2600 teeth p. sq. inch
8-748TC	MAYO-HEGAR Quick-Release Needle Holder 8" (20.3 cm), serrated jaws 2600 teeth p. sq. inch
8-750TC	CRILE-WOOD Quick-Release Needle Holder 6" (15.2 cm), serrated jaws 4000 teeth p. sq. inch
8-751TC	CRILE-WOOD Quick-Release Needle Holder 7" (17.8 cm), serrated jaws 4000 teeth p. sq. inch
8-752TC	CRILE-WOOD Quick-Release Needle Holder 8" (20.3 cm), serrated jaws 4000 teeth p. sq. inch
8-753TC	CRILE-WOOD Quick-Release Needle Holder 9" (22.9 cm), serrated jaws 4000 teeth p. sq. inch

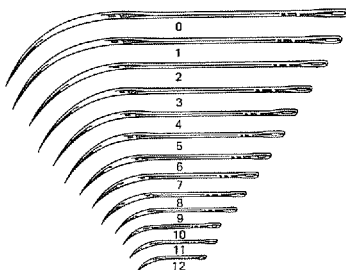


MS-192
REGULAR SURGEON'S
1/2 Circle
Cutting Edge

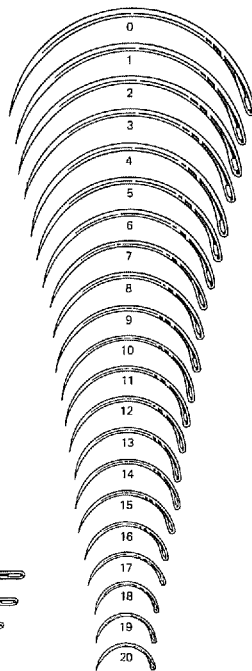
MS-192S
Same as above
with Spring Eye



MS-150
ROUND BODIED
1/2 Circle
Taper Point



MS-141
REGULAR SURGEON'S
Half Curved
Cutting Edge

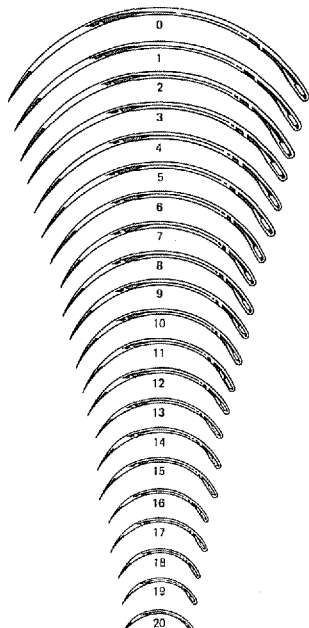


MS-192A
REGULAR SURGEON'S
1/2 Circle
Taper Point

All needles shown actual size

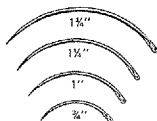
Needles are packed in packages of 12.

Surgical Needles

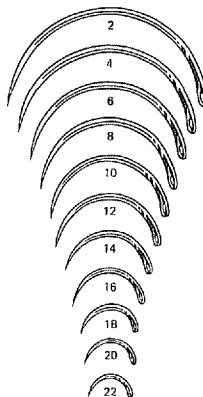


MS-140
REGULAR SURGEON'S
3/8 Circle
Cutting Edge

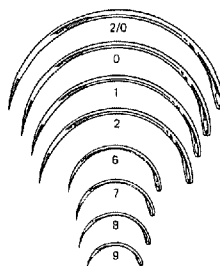
MS-140S
Same as above
with Spring Eye



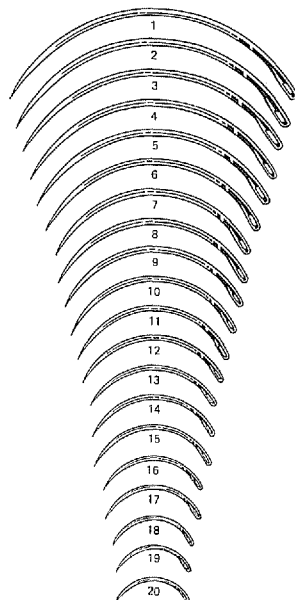
MS-153
MAYO INTESTINAL
3/8 Circle
Taper Point



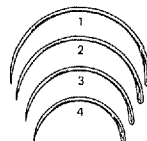
MS-126
FERGUSON
1/2 Circle
Taper Point



MS-450
FISTULA
1/2 Circle
Cutting Edge



MS-140A
REGULAR SURGEON'S
3/8 Circle
Taper Point



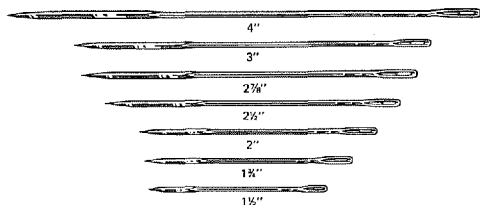
MS-179
MURPHY'S INTESTINAL
1/2 Circle
Taper Point

All needles shown actual size.

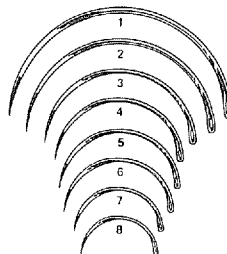
Needles are packed in packages of 12.



Surgical Needles

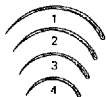


MS-431
KEITH ABDOMINAL
Straight
Triangular Point



MS-117
MARTIN'S UTERINE
1/2 Circle
Cutting Edge

Eye Needles



MS-172
EYE NEEDLE
3/8 Circle
Cutting Edge



MS-175
EYE NEEDLE
1/2 Circle
Cutting Edge

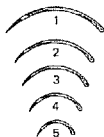


MS-177
JAMESON STRABISMUS
Cutting Edge



MS-176
EYE NEEDLE
1/2 Circle
Taper Point

Dental Needles



MS-155
LANE CLEFT PALATE
3/8 Circle
Cutting Edge

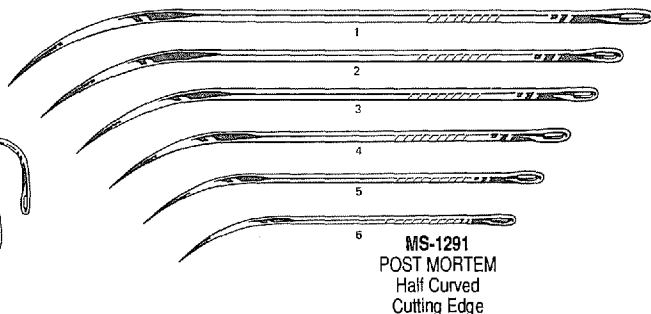
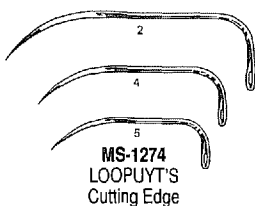
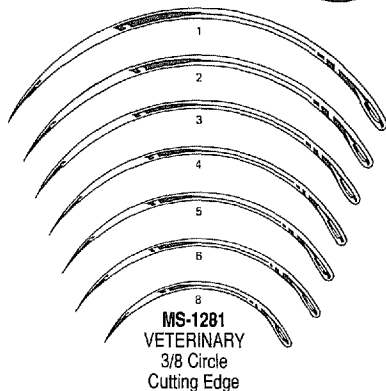
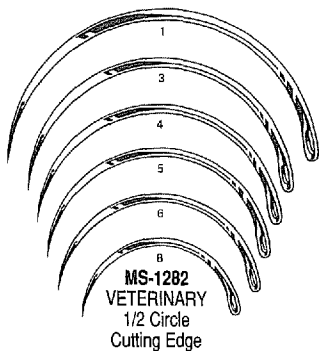


MS-156
LANE CLEFT PALATE
1/2 Circle
Cutting Edge



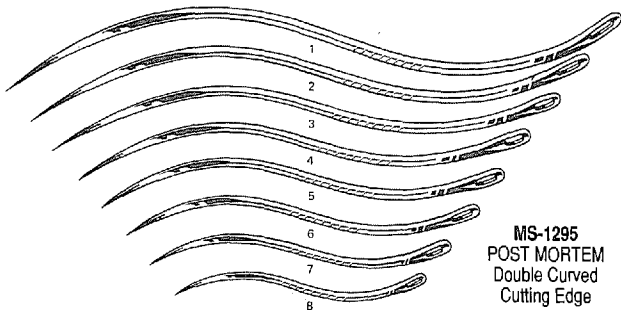
MSRC-14
MSRC-18
DENTAL
REVERSE CUTTING EDGE
1/2 Circle

Needles are packed in packages of 12.



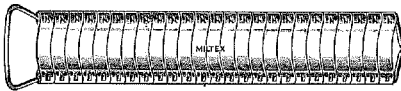
All needles have Regular eyes,
unless otherwise noted.

Needles are packed
in packages of 12.

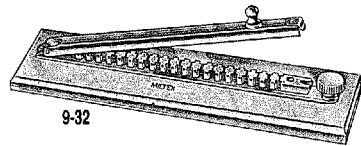




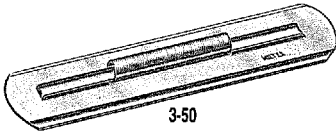
Suture Sundries



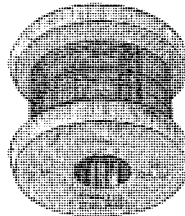
9-1 to 9-10



9-32



3-50



9-40 to 9-44

MICHEL WOUND CLIPS (100 to an envelope, 1000 to a box), stainless

9-1	size 7.5 mm	9-6	size 16 mm
9-2	size 11 mm	9-8	size 18 mm
9-4	size 14 mm	9-10	size 22 mm

9-32 McKENZIE Brain Clip Holding Rack, for 20 clips

3-50 Sterilizing Spiral Rack for Surgical Needles

BABCOCK SUTURE WIRE, Stainless Steel Type AISI 316-L

B&S Gauge	Diameter	1 oz. (28 g) Spools	4 oz. (113 g) Spools
18	.040" (1 mm)	9-40-18	9-44-18
20	.032" (.8 mm)	9-40-20	9-44-20
22	.025" (.6 mm)	9-40-22	9-44-22
24	.020" (.5 mm)	9-40-24	9-44-24
25	.018" (.45 mm)	9-40-25	9-44-25
26	.016" (.4 mm)	9-40-26	9-44-26
28	.012" (.3 mm)	9-40-28	9-44-28
30	.010" (.25 mm)	9-40-30	9-44-30
32	.008" (.2 mm)	9-40-32	9-44-32
34	.006" (.15 mm)	9-40-34	9-44-34
36	.005" (.13 mm)	9-40-36	—



9-50



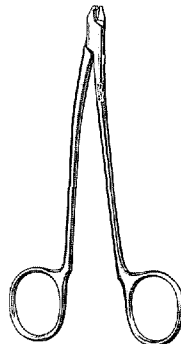
9-52



9-54

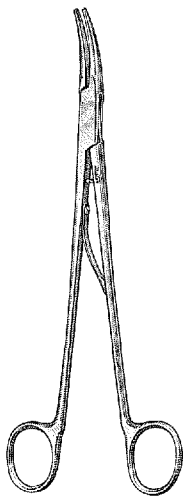


9-60

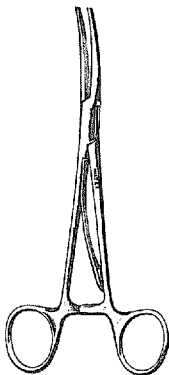


9-62

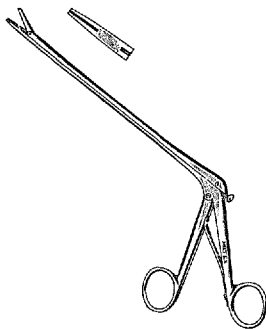
- 9-50 MICHEL Clip Applying Forceps 4¾" (12.1 cm)
- 9-52 HEGENBARTH Clip Applying Forceps 4¾" (12.1 cm), cross action
- 9-54 WACHENFELD Clip Applying-Removing Forceps 4¾" (12.1 cm), cross action
- 9-60 MICHEL Clip Applying-Removing Forceps 5" (12.7 cm), double ended
- 9-62 MILTEX Skin Staple Removing Forceps 5½" (14 cm)



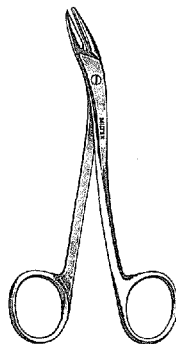
9-74



9-80



9-90



9-94

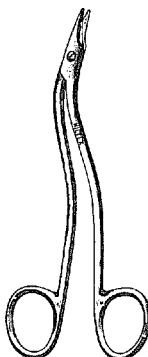
- 9-74 SMITHWICK Clip Applying Forceps 9" (22.9 cm), curved jaws, straight handles
- 9-80 MCKENZIE Clip Applying Forceps 6" (15.2 cm), curved jaws, straight handles
- 9-90 SCOVILLE Clip Applying Forceps 6" (15.2 cm) shaft
- 9-94 RICHTER HEATH Clip Removing Forceps 5½" (14 cm)



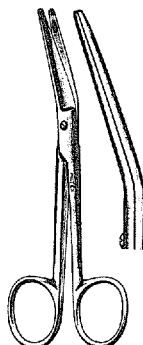
17-303



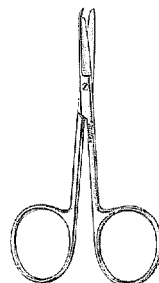
18-1107



9-96



9-98



9-100

17-303 Suture Forceps (style 3), narrow, fine 4 3/4" (12.1 cm)

18-1107 Swiss Cilia and Suture Forceps 3 3/4" (9.5 cm), precision fitted diagonal jaws 3 mm wide

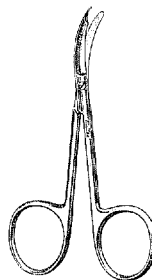
9-96 HEATH Suture Scissors 6 1/8" (15.4 cm), serrated blade

9-98 NEW'S Suture Scissors 5 1/2" (14 cm), angled on flat

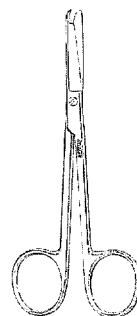
9-100 SPENCER Stitch Scissors 3 1/2" (8.9 cm), delicate

9-101 SHORTBENT Stitch Scissors 3 1/2" (8.9 cm), curved, delicate

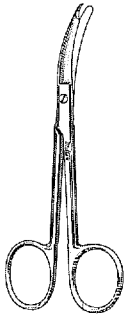
9-102 LITTAUER JR. Stitch Scissors 4 1/2" (11.4 cm), light pattern



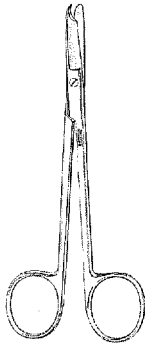
9-101



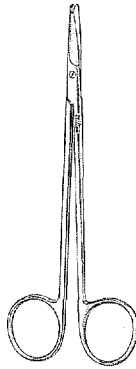
9-102



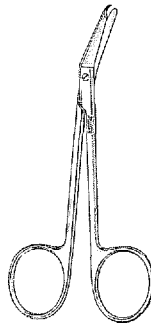
9-103



9-104

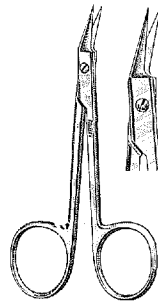


9-106

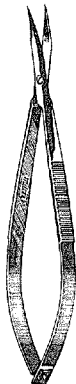


9-108

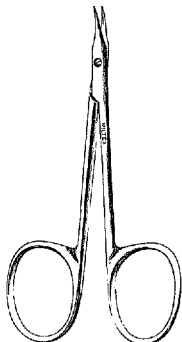
- 9-103 NORTHBENT Stitch Scissors $4\frac{3}{4}$ " (12.1 cm), curved, light pattern
- 9-104 LITTAUER Stitch Scissors $5\frac{1}{2}$ " (14 cm), standard pattern
- 9-106 LONG Oral Surgery Stitch Scissors 6" (15.2 cm)
- 9-108 MILTEX Stitch Scissors $4\frac{1}{2}$ " (11.4 cm), angled, delicate
- 9-110 O'BRIEN Stitch Scissors $3\frac{3}{4}$ " (9.5 cm), angled, sharp points



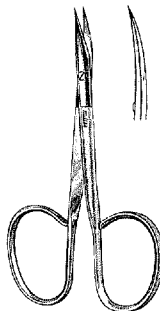
9-110



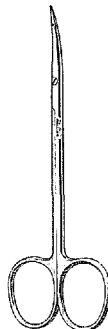
18-1486



18-1652



18-1653*

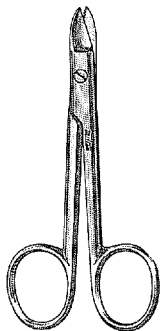


21-536

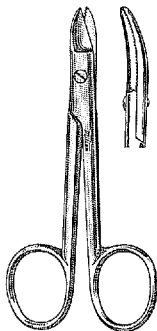
- 18-1486** WESTCOTT Stitch Scissors 4½" (11.4 cm), curved, sharp points
- 18-1652** Eye Suture (GRADLE) Scissors 3¾" (9.5 cm), slightly curved, sharp points
- 18-1653*** Eye Suture Scissors 4" (10.2 cm), slightly curved, sharp points, ribbon type
- 21-536** LITTLER Suture Carrying Scissors 4¾" (11.8 cm), with suture hole in blades, curved

For a complete selection of Carb-N-Sert Eye Scissors with Tungsten Carbide blades and Super Cut Scissors see pages 58, 62 and 63.

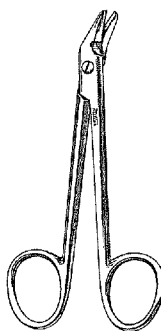
*Ribbon type scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



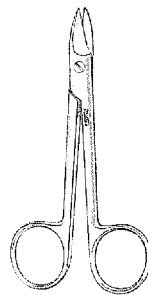
9-120
9D-121



9-122
9D-123



9-124
9-124TC



9D-132
9D-133

WIRE CUTTING SCISSORS 4 $\frac{3}{4}$ " (12.1 cm)

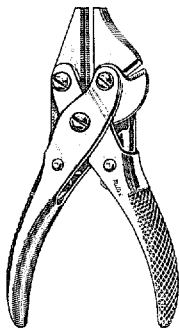
9-120	Straight, one serrated blade
9D-121	Straight
9-122	Curved, one serrated blade
9D-123	Curved
9-124	Angled to side, one serrated blade
9-124TC	Angled to side, one serrated blade, Carb-N-Sert inserts

WIRE CUTTING SCISSORS 4 $\frac{1}{4}$ " (10.8 cm)

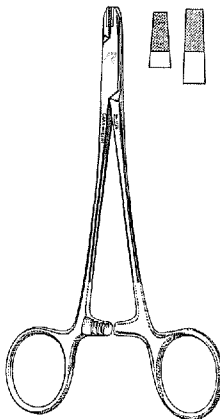
9D-132	Straight, one serrated blade
9D-133	Straight
9D-134	Curved, one serrated blade
9D-135	Curved



9D-134
9D-135



9-128



22-500TC
22-502TC



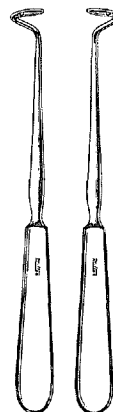
27-176TC

9-128 Double Action Parallel Pliers and Wire Cutter
4½" (11.4 cm), nickel plated

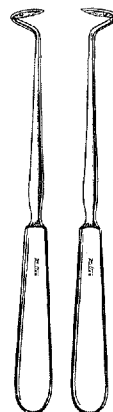
22-500TC Wire Twister 6" (15.2 cm), CARB-N-SERT jaws
22-502TC Wire Twister 8" (20.3 cm), CARB-N-SERT jaws

27-176TC MILTEX Pin Puller 5½" (14 cm), CARB-N-SERT cross serrated
top jaw measures 1 cm in length. Grooved cross serrated
opposing jaw (groove measures 1 cm in length).

9-140 DESCHAMPS Ligature Carrier 8" (20.3 cm), blunt, left
9-142 DESCHAMPS Ligature Carrier 8" (20.3 cm), blunt, right
9-146 DESCHAMPS Ligature Carrier 8" (20.3 cm), sharp, left
9-148 DESCHAMPS Ligature Carrier 8" (20.3 cm), sharp, right

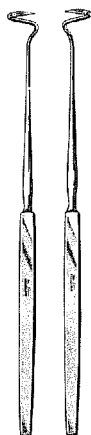


9-140
9-142



9-146
9-148

For additional Orthopedic Pin & Wire instruments see pages 443,444



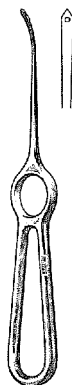
9-154
9-156



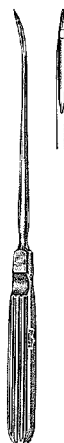
12-90
12-92



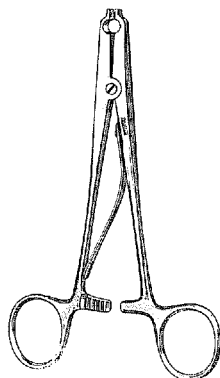
21-900



21-901



21-902



26-590

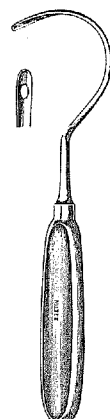
- 9-154 DUPUYS-WEISS Ligature Carrier 8½" (21.6 cm), right
- 9-156 DUPUYS-WEISS Ligature Carrier 8½" (21.6 cm), left
- 12-90 LAHEY Ligature Carrier 7½" (19.1 cm), curved left
- 12-92 LAHEY Ligature Carrier 7½" (19.1 cm), curved right
- 21-900 OBWEGESER Mandibular Awl for wire suturing 5½" (14 cm), slightly curved
- 21-901 OBWEGESER Maxillary Awl for wire suturing 7" (17.8 cm), strong curve
- 21-902 OBWEGESER Zygomatic Arch Awl for wire suturing 9" (22.9 cm), slightly curved
- 26-590 RANEY Scalp Clip Applying Forceps 6¼" (15.9 cm)
- 26-591 RANEY Reusable Scalp Clips, black finish (pkg. of 12)
- 26-660 ADSON Aneurysm Needle 9" (22.9 cm)
- 27-110 Bone Wire Guide 8¾" (22.2 cm), U.S. Pattern



26-591



26-660



27-110



10-2 to 10-14



10-22 to 10-34



10-38



10-69 to 10-76



10-79 to 10-84



28-100

PROBES, DOUBLE ENDED, Malleable

Nickel-Silver

10-2-NS	4½" (11.4 cm)
10-4-NS	5" (12.7 cm)
10-6-NS	5½" (14 cm)
10-8-NS	6" (15.2 cm)
10-10-NS	7" (17.8 cm)
10-12-NS	8" (20.3 cm)
10-14-NS	10" (25.4 cm)

Sterling

10-2-ST	
10-4-ST	
10-6-ST	
10-8-ST	
10-10-ST	
10-12-ST	
10-14-ST	

Stainless

10-22-SS	4½" (11.4 cm)
10-24-SS	5" (12.7 cm)
10-26-SS	5½" (14 cm)
10-28-SS	6" (15.2 cm)
10-30-SS	7" (17.8 cm)
10-32-SS	8" (20.3 cm)
10-34-SS	10" (25.4 cm)

Sterling

10-22-ST	
10-24-ST	
10-26-ST	
10-28-ST	
10-30-ST	
10-32-ST	
10-34-ST	

10-38

Probe with Myrtle Leaf 5" (12.7 cm)

PROBES WITH EYE, Malleable

GROOVED DIRECTORS

With Tongue Tie

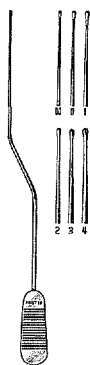
10-69	4½" (11.4 cm)
10-70	5" (12.7 cm)
10-72	5½" (14 cm)
10-74	6" (15.2 cm)
10-76	8" (20.3 cm)

With Probe Tip and Tongue Tie

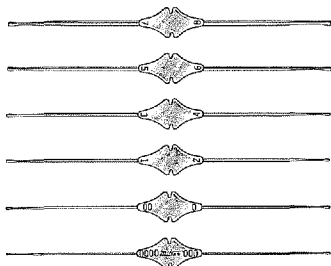
10-79	
10-80	
10-82	
10-84	
—	

28-100

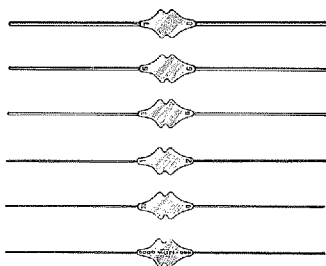
LARRY Probe and Grooved Director 7" (17.8 cm)



18-710 to 18-720



18-722 to 18-732



18-740 to 18-750

FRENCH PATTERN LACRIMAL PROBES 5" (12.7 cm)

Bayonet shape

18-710	size 00	18-716	size 2
18-712	size 0	18-718	size 3
18-714	size 1	18-720	size 4

WILLIAMS LACRIMAL PROBES 5" (12.7 cm), sterling

18-722	size 0000-000	18-728	size 3-4
18-724	size 00-0	18-730	size 5-6
18-726	size 1-2	18-732	size 7-8

BOWMAN LACRIMAL PROBES 5" (12.7 cm), sterling

18-740	size 0000-000	18-746	size 3-4
18-742	size 00-0	18-748	size 5-6
18-744	size 1-2	18-750	size 7-8

19-210 BUCK (SPENCER) Ear Probe
5½" (14 cm), sterling shaft

20-100 THEOBALD (FISH) Sinus Probe
6" (15.2 cm), sterling

20-102 SKILLERN Sinus Probe 6½" (16.5 cm),
graduated, sterling

28-104 BARR Fistula Probe, with 8" (20.3 cm)
sterling shaft, eye at tip, 11½" (29.2 cm) overall



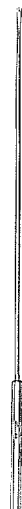
19-210



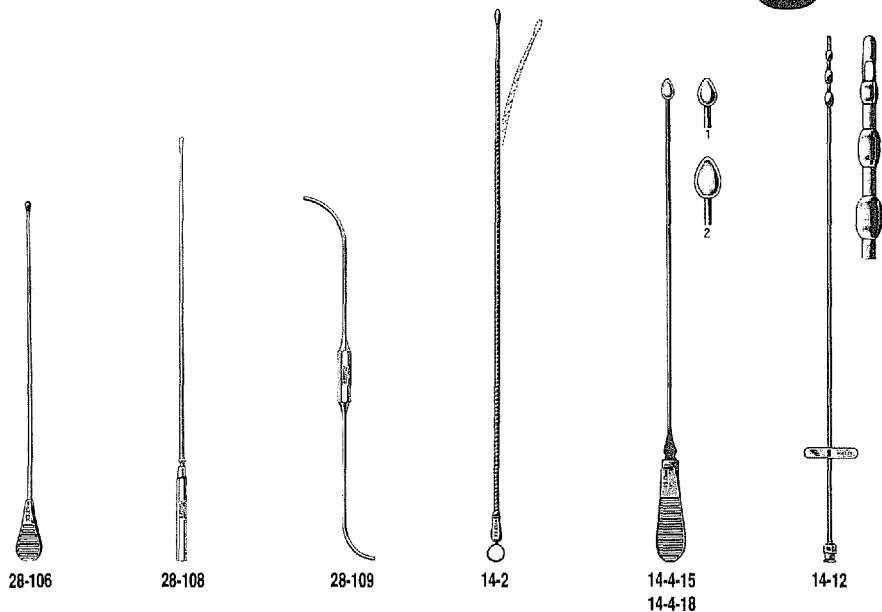
20-100



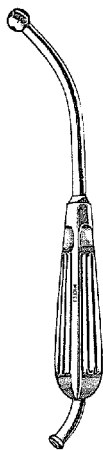
20-102



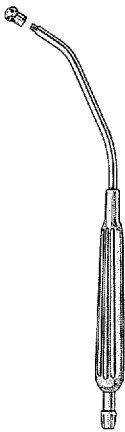
28-104



- 28-106** BUIE Fistula Probe, with 5½" (14 cm) sterling shaft, 6¾" (17.1 cm) overall
- 28-108** PRATT Rectal Probe, with 7¾" (19.7 cm) sterling shaft, 11" (27.9 cm) overall
- 28-109** BARR Double Ended Probe 7" (17.8 cm), rigid
- 14-2** OCHSNER (FINGER) Gall Duct Probe, cannulated flexible spiral 14" (35.6 cm) with stylet
- 14-4-15** MAYO Common Duct Probe 10" (25.4 cm), malleable shaft, 15 French (5 mm)
- 14-4-18** MAYO Common Duct Probe 10" (25.4 cm), malleable shaft, 18 French (5.9 mm)
- 14-12** MIXTER Irrigating Dilaprobe 12" (30.5 cm), malleable, with Luer Lock, silver plated



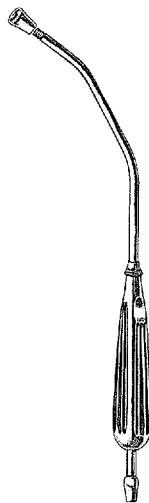
2-100



2-109



2-110
2-110SS

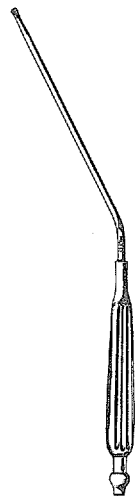


2-104
2-104SS

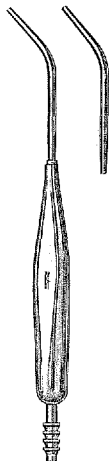


2-106
2-106SS

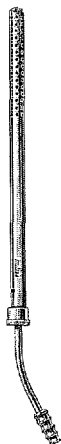
- 2-100** PYNCHON Suction Tube 11" (27.9 cm), tip with large openings, with removable tubing connection, chrome
- 2-109** YANKAUER Pediatric Suction Tube 8½" (21.6 cm), with removable tip, delicate pattern
- 2-110** ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern, chrome
- 2-110SS** ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern
- 2-104** YANKAUER Suction Tube 11¾" (29.8 cm), with removable tip and tubing connection, chrome
- 2-104SS** YANKAUER Suction Tube 11¾" (29.8 cm), with removable tip and tubing connection
- 2-106** Tip for Yankauer Suction Tube, chrome
- 2-106SS** Tip for Yankauer Suction Tube
- 10-220** ANTHONY Suction Tube 10" (25.4 cm), lumen 2 mm, chrome



10-220



20-466



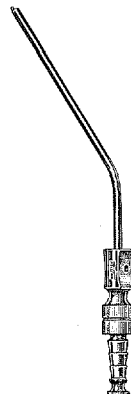
10-310



10-312



19-562 to 19-565



19-570 to 19-577

20-466 COUPLAND Suction Tube 10" (25.4 cm), with 2 interchangeable tips 1.5 and 2 mm, chrome

10-310 POOLE Suction Tube 23 Fr. (7.6 mm), curved

10-312 POOLE Suction Tube 30 Fr. (9.9 mm), straight

HOUSE SUCTION-IRRIGATION TUBES, 9 cm working length

19-562 1.8 mm Suction Tube and 1.8 mm Irrigating Tube

19-563 2.5 mm Suction Tube and 2 mm Irrigating Tube

19-564 3 mm Suction Tube and 2 mm Irrigating Tube

19-565 4.5 mm Suction Tube and 2 mm Irrigating Tube

FRAZIER FERGUSON SUCTION TUBES, with finger cut-off, angled

19-570 6 French (2 mm)

19-575 10 French (3.3 mm)

19-572 7 French (2.3 mm)

19-576 11 French (3.6 mm)

19-573 8 French (2.6 mm)

19-577 12 French (4 mm)

19-574 9 French (3 mm)

20-460 FRAZIER FERGUSON Suction Tube 9 French (3 mm), straight, with finger cut-off



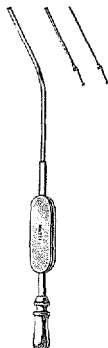
20-460



Suction Tubes



19-580 to 19-584



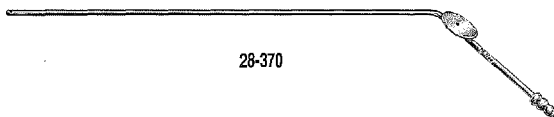
19-1820



19-589

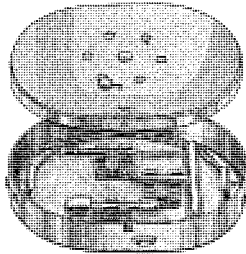


26-780
26-782



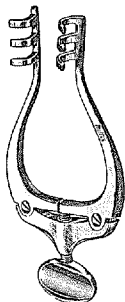
28-370

- 19-580** BARON Suction Tube 3 French (1 mm), with finger cut-off, 7.5 cm tube
19-582 BARON Suction Tube 5 French (1.7 mm), with finger cut-off, 7.5 cm tube
19-584 BARON Suction Tube 7 French (2.3 mm), with finger cut-off, 7.5 cm tube
19-1820 Ear Suction Tube with 2 interchangeable tips 20 ga. and 22 ga.
19-589 ANTHONY Suction Tube 6½" (16.5 cm), with 3 mm lumen
26-780 ADSON Suction Tube 6" (15.2 cm), with finger valve and obturator, 11 Fr. (3.6 mm)
26-782 ADSON Suction Tube 8" (20.3 cm), with finger valve and obturator, 15 Fr. (5 mm)
28-370 BUIE Suction Tube 16" (40.6 cm), with finger valve, 15 Fr. (5 mm)

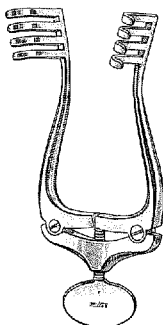


10-290
10-291

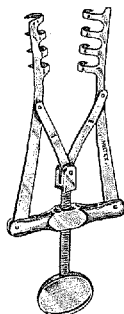
- 10-290** NABATOFF Vein Stripper Set, including 2 probe tips, 9 mm, 12 mm and 15 mm olives, and handle with screws on either end of 34" (86.4 cm) cable. Complete in sterilizer case.
- 10-291** NABATOFF Vein Stripper Set, without sterilizer case.



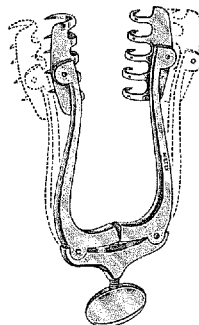
11-2



11-4



11-6

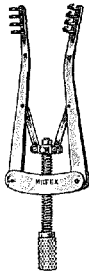


11-8

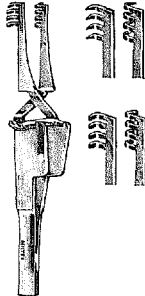
- 11-2** JANSEN Retractor 4¼" (10.8 cm), spread 3" (7.6 cm), 3 x 3 blunt prongs
10 mm deep, standard model
- 11-4** JANSEN Retractor 4½" (11.4 cm), spread 3" (7.6 cm), 4 x 4 blunt prongs
20 mm deep
- 11-6** ALLPORT Retractor 4" (10.2 cm), spread 2½" (6.4 cm), 4 x 4 sharp prongs
- 11-8** JANSEN-WAGNER Retractor 5" (12.7 cm), 5 x 5 sharp prongs, self-adjusting
- 11-10** DAVIS Retractor 4½" (11.4 cm), 3 x 3 blunt prongs



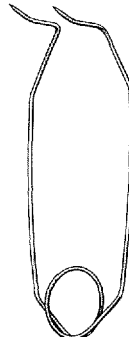
11-10



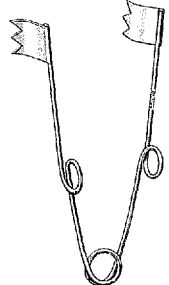
11-12
11-13



11-14
11-16



11-17
11-18

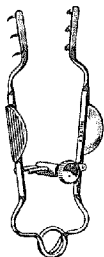


11-19

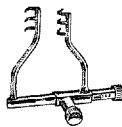
- 11-12 ALM Retractor 2 $\frac{3}{4}$ " (7 cm), spread 2 $\frac{1}{4}$ " (5.7 cm), prongs $\frac{1}{8}$ " (.32 cm) deep
- 11-13 ALM Retractor 3 $\frac{3}{8}$ " (9.8 cm), spread 3" (7.6 cm), prongs $\frac{1}{2}$ " (1.3 cm) deep
- 11-14 MILTEX Cross Action Retractor 4" (10.2 cm), sharp prongs
- 11-16 MILTEX Cross Action Retractor 4" (10.2 cm), blunt prongs
- 11-17 FARR Wire Retractor 5 $\frac{1}{2}$ " (14 cm), prongs $\frac{3}{4}$ " (1.9 cm)
- 11-18 FARR Wire Retractor 5 $\frac{1}{2}$ " (14 cm), prongs 1 $\frac{1}{8}$ " (2.8 cm)
- 11-19 Spring Wire Retractor 3 $\frac{1}{4}$ " (8.3 cm), with blades 10 mm wide x 13 mm deep



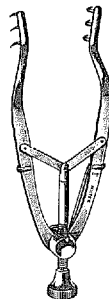
18-80



18-84



18-88

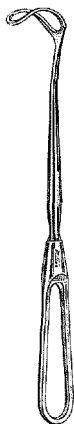


18-96

- 18-80** AGRICOLA Retractor 1½" (3.8 cm), 3 x 3 pointed prongs 4 mm deep, non-magnetic
- 18-84** MELLER Retractor 2½" (7.3 cm), 3 x 3 prongs 3 mm deep, non-magnetic
- 18-88** GOLDSTEIN Retractor 1½" (2.8 cm), 3 x 3 pointed prongs 5 mm deep, non-magnetic
- 18-96** STEVENSON Retractor 3¼" (8.3 cm), 3 x 3 prongs 3 mm deep, non-magnetic



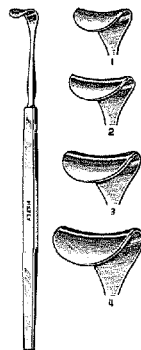
11-20



11-22



11-23

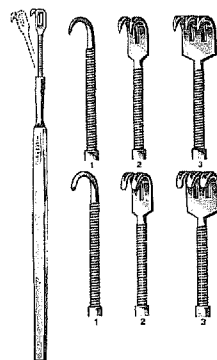


18-110 to 18-116

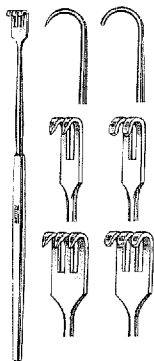


11D-27

- 11-20 LAHEY Retractor 7 1/4" (19.7 cm)
- 11-22 GREEN Retractor 8 1/2" (21.6 cm)
- 11-23 LITTLE Retractor 7 3/4" (19.7 cm)
- 18-110 DESMARRES Retractor 5 1/2" (14 cm), size 1, 11 mm
- 18-112 DESMARRES Retractor 5 1/2" (14 cm), size 2, 13 mm
- 18-114 DESMARRES Retractor 5 1/2" (14 cm), size 3, 15 mm
- 18-116 DESMARRES Retractor 5 1/2" (14 cm), size 4, 17 mm
- 11D-27 Flexible Neck Rake Retractor 5" (12.7 cm), 3 sharp prongs
- 11-30 Flexible Neck Rake Retractor 6" (15.2 cm), 1 sharp prong
- 11-32 Flexible Neck Rake Retractor 6" (15.2 cm), 2 sharp prongs
- 11-34 Flexible Neck Rake Retractor 6" (15.2 cm), 3 sharp prongs
- 11-36 Flexible Neck Rake Retractor 6" (15.2 cm), 1 blunt prong
- 11-38 Flexible Neck Rake Retractor 6" (15.2 cm), 2 blunt prongs
- 11-40 Flexible Neck Rake Retractor 6" (15.2 cm), 3 blunt prongs



11-30 to 11-40



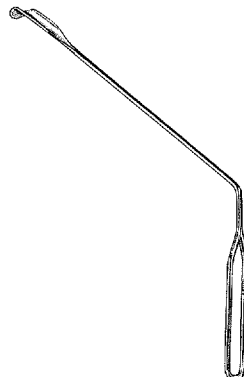
11-50 to 11-60



18-100
18-102

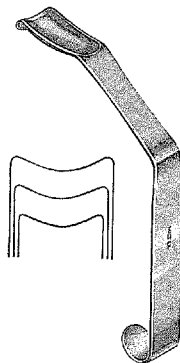


18-439

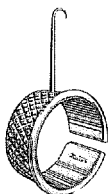


20-835

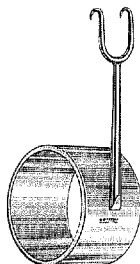
- 11-50** Rigid Neck Rake Retractor 6" (15.2 cm), 1 sharp prong
- 11-52** Rigid Neck Rake Retractor 6" (15.2 cm), 2 sharp prongs
- 11-54** Rigid Neck Rake Retractor 6" (15.2 cm), 3 sharp prongs
- 11-56** Rigid Neck Rake Retractor 6" (15.2 cm), 1 blunt prong
- 11-58** Rigid Neck Rake Retractor 6" (15.2 cm), 2 blunt prongs
- 11-60** Rigid Neck Rake Retractor 6" (15.2 cm), 3 blunt prongs
- 18-100** KNAPP (ROLLET) Retractor 5¼" (13.3 cm), with 4 sharp prongs
- 18-102** KNAPP Retractor 5¼" (13.3 cm), with 4 blunt prongs
- 18-439** McGANNON Retractor 5" (12.7 cm), fenestrated blade 2.5 mm wide
- 20-835** LOTHROP Retractor 6" (20.3 cm) shaft, grooved blade 40 x 18 mm with 5 mm lip
- 20-836** LOVE Retractor, 18 mm wide blade
- 20-838** LOVE Retractor, 20 mm wide blade
- 20-840** LOVE Retractor, 22 mm wide blade



20-836 to 20-840



21-107



21-108



21-148

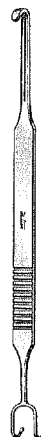


21-150



21-163

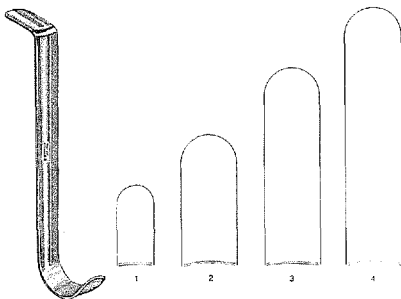
- 21-107** MILLARD Thimble Retractor, $\frac{5}{8}$ " (1.6 cm) working length, sharp single hook
- 21-108** COTTLE Thumb Retractor, $1\frac{1}{2}$ " (3.8 cm) working length, sharp double hook 8 mm wide
- 21-148** FOMON Retractor $6\frac{1}{2}$ " (16.5 cm), two ball end prongs 11 mm wide
- 21-150** COTTLE Retractor $5\frac{1}{2}$ " (14 cm), four blunt prongs, 2 center prongs recessed
- 21-163** CONVERSE Alar Retractor 4" (10.2 cm), double end, with blunt double hooks 10 mm and 14 mm wide
- 21-165** COTTLE Knife Guide and Retractor 8" (20.3 cm), double end, ball tip prongs 10 mm wide, and 5 mm wide slotted hook



21-165



21-176



21-182 to 21-185

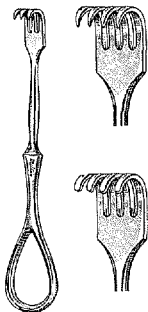


21-188



21-190

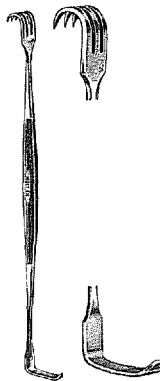
- 21-176** NEIVERT Knife Guide and Retractor 6½" (16.5 cm), double end, open blade 14 mm wide
- 21-182** CONVERSE Blade Retractor 3¾" (9.5 cm), size 1
- 21-183** CONVERSE Blade Retractor 3¾" (9.5 cm), size 2
- 21-184** CONVERSE Blade Retractor 3¾" (9.5 cm), size 3
- 21-185** CONVERSE Blade Retractor 3¾" (9.5 cm), size 4
- 21-188** AUFRICHT Retractor-Speculum 6½" (16.5 cm), solid blade 45 mm long
- 21-190** AUFRICHT Retractor 7" (17.8 cm), fenestrated blade 45 mm long



11-42 to 11-49



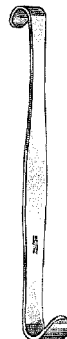
11-73



11-74
11-76



11-78

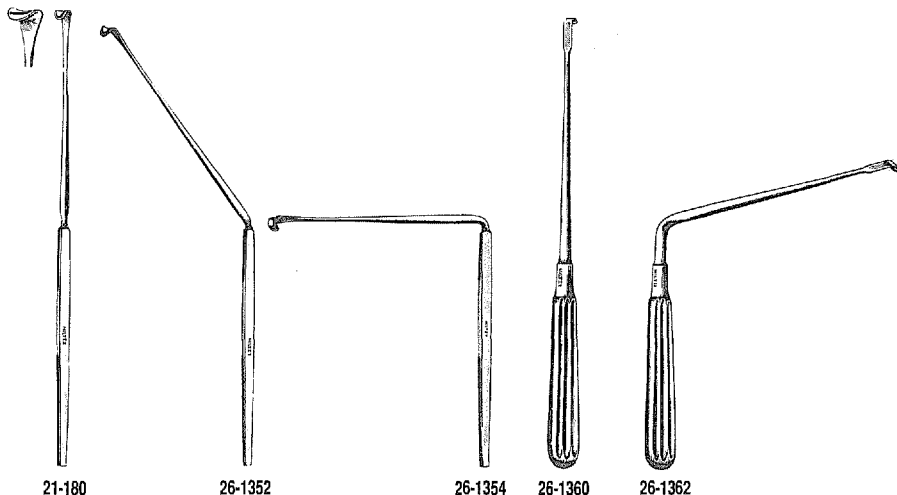


11-79

VOLKMAN FINGER RETRACTORS 4½" (11.4 cm)

Sharp		Blunt
11-42	2 prongs	11-46
11-43	3 prongs	11-47
11-44	4 prongs	11-48
11-45	6 prongs	11-49

- 11-73** RAGNELL Retractor 6" (15.2 cm), double end 3 x 8 mm and 5 x 15 mm blades, delicate
- 11-74** SENN Retractor 6¾" (16.2 cm), sharp, double end
- 11-76** SENN Retractor 6¾" (16.2 cm), blunt, double end
- 11-78** CRILE Retractor 4½" (11.4 cm), double end 3 x 11 mm and 6 x 20 mm blades
- 11-79** LUER S-Shape Retractor 5½" (14 cm), double end 10 x 5 mm and 14 x 9 mm



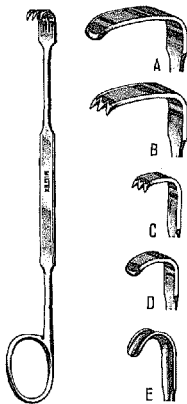
- 21-180** LOVE Nerve Retractor 8½" (21.6 cm), straight, 7 mm blade
26-1352 LOVE Nerve Root Retractor 8½" (21.6 cm), angled 45°, 7 mm blade
26-1354 LOVE Nerve Root Retractor 8½" (21.6 cm), angled 90°, 7 mm blade
26-1360 SCOVILLE Nerve Root Retractor 9" (22.9 cm), straight, 8 mm wide blade
26-1362 SCOVILLE Nerve Root Retractor 9" (22.9 cm), angular, 8 mm wide blade
11-80 MATHIEU Retractor 6½" (16.5 cm), sharp, double end
11-81 MATHIEU Retractor 6½" (16.5 cm), blunt, double end



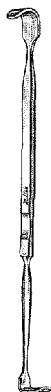
11-80
11-81



11-82



11-88 to 11-96

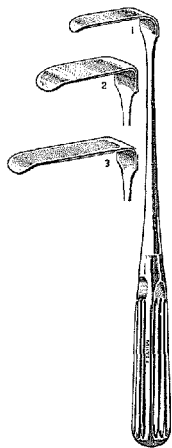


23-1047

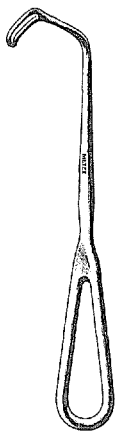


23-1049

- 11-82** MEYERDING Skin Hook and Retractor 6¼" (15.9 cm), double end
- 11-88** MEYERDING Finger Retractor 7" (17.8 cm), style A. Blade ¼" (.64 cm) x 1½" (1.7 cm)
- 11-90** MEYERDING Finger Retractor 7" (17.8 cm), style B. Blade ⅜" (.48 cm) x ⅝" (1.6 cm)
- 11-92** MEYERDING Finger Retractor 7" (17.8 cm), style C. Blade ⅜" (.32 cm) x ¼" (.64 cm)
- 11-94** MEYERDING Finger Retractor 7" (17.8 cm), style D. Blade ⅜" (.24 cm) x ⅜" (1 cm)
- 11-96** MEYERDING Finger Retractor 7" (17.8 cm), style E. Blade ¼" (.64 cm) x ⅞" (2.2 cm)
- 23-1047** LUKENS Retractor 6¾" (17.1 cm), 10 mm wide curved and 7 mm wide angular blades
- 23-1049** JACKSON Retractor 7" (17.8 cm), double end, 2 blunt prongs ⅝" (2.4 cm) wide, and solid blade ⅜" (1 cm) wide



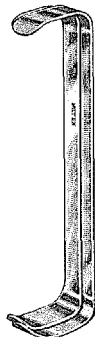
25-272
25-274



11-100



11-102



11-110
11-112



11-114
11-116

25-272 SAUERBRUCH Retractor 9" (22.9 cm), blade $\frac{3}{8}$ " (2.2 cm) x $2\frac{1}{4}$ " (5.7 cm)

25-274 SAUERBRUCH Retractor 9" (22.9 cm), blade $\frac{3}{4}$ " (1.9 cm) x $2\frac{7}{8}$ " (7.3 cm)

11-100 CUSHING Decompression Retractor $8\frac{1}{2}$ " (21.6 cm)

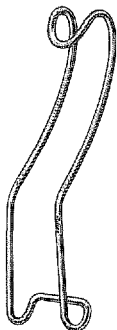
11-102 CUSHING Vein Retractor 9" (22.9 cm), blade 11 x 13 mm

11-110 FARABEUF Retractors 6" (15.2 cm), double end, set of two

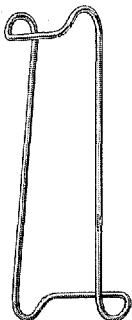
11-112 Baby FARABEUF Retractors $4\frac{3}{4}$ " (12.1 cm), double end, set of two

11-114 PARKER Retractors 5" (12.7 cm), double end, set of two

11-116 PARKER Retractors $7\frac{1}{4}$ " (18.4 cm), double end, set of two



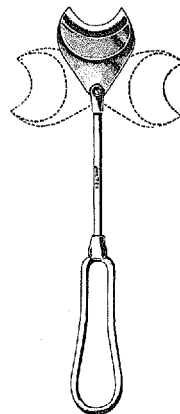
22-200



22D-202



22D-209



22-210

- 22-200** MILTEX Lip Retractor 6" (15.2 cm), double end 25 mm and 36 mm wide
- 22D-202** COLUMBIA Lip Retractor 5½" (14 cm), double end 37 mm and 50 mm wide
- 22D-209** UNIVERSITY OF MINNESOTA Cheek Retractor 5½" (14 cm), double end 14 mm and 20 mm wide
- 22-210** Cheek Retractor 7¾" (19.7 cm), with swivel blade 35 mm wide
- 22-854** HURD Tonsil Dissector and Pillar Retractor 9" (22.9 cm), standard pattern, 9 x 25 mm blade



22-854



Retractors



22-856



22-890



11-118



11-120



11-122

22-856 MORRISON-HURD Tonsil Dissector and Pillar Retractor 9" (22.9 cm), flat handle, 8 x 25 mm serrated blade

22-890 COLVER Tonsil Examining Retractor 8" (20.3 cm), blunt tip

11-118 MAYO-COLLINS Retractor 6" (15.2 cm), double end, set of two

11-120 GOELET Retractor 7½" (19.1 cm), double end

11-122 U.S. ARMY Retractor 8½" (21.6 cm), double end, set of two

11-130 Ribbon Retractor ¾" (1.9 cm) x 13" (33 cm), malleable

11-132 Ribbon Retractor 1" (2.5 cm) x 13" (33 cm), malleable

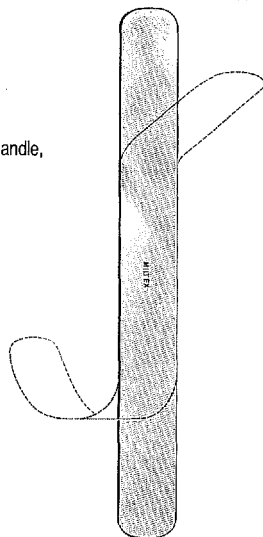
11-134 Ribbon Retractor 1¼" (3.2 cm) x 13" (33 cm), malleable

11-136 Ribbon Retractor 1½" (3.8 cm) x 13" (33 cm), malleable

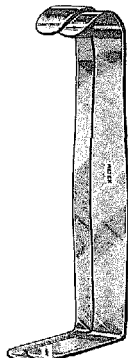
11-140 Ribbon Retractor 2" (5.1 cm) x 13" (33 cm), malleable

11-144 Pediatric Ribbon Retractor ⅝" (1.6 cm) x 8" (20.3 cm), malleable

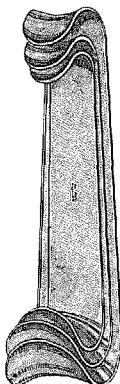
11-146 Pediatric Ribbon Retractor 1" (2.5 cm) x 8" (20.3 cm), malleable



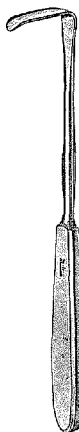
11-130 to 11-146



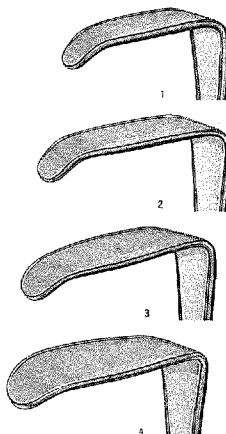
11-150



11-152 to 11-155



11-160 to 11-166

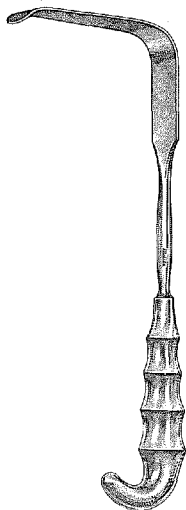


11-180 to 11-184

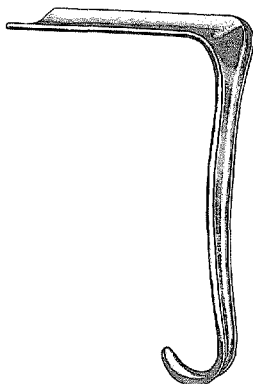
11-150	PARKER-MOTT Retractors 6" (15.2 cm), double end, set of two
11-152	ROUX Retractors 6 $\frac{1}{4}$ " (16.8 cm), double end, set of three
11-153	ROUX Retractor 5 $\frac{1}{4}$ " (13.3 cm), small $\frac{3}{4}$ " (1.9 cm) x 1" (2.5 cm)
11-154	ROUX Retractor 5 $\frac{1}{4}$ " (14.6 cm), medium $\frac{7}{8}$ " (2.2 cm) x 1 $\frac{1}{2}$ " (3.5 cm)
11-155	ROUX Retractor 6 $\frac{1}{4}$ " (16.8 cm), large 1" (2.5 cm) x 1 $\frac{1}{4}$ " (4.1 cm)
11-160	LANGENBECK Retractor 8" (20.3 cm), blade $\frac{3}{8}$ " (1 cm) x 1 $\frac{1}{4}$ " (3.2 cm)
11-162	LANGENBECK Retractor 8" (20.3 cm), blade $\frac{3}{8}$ " (1 cm) x 1 $\frac{1}{2}$ " (3.8 cm)
11-164	LANGENBECK Retractor 8" (20.3 cm), blade $\frac{1}{2}$ " (1.3 cm) x 1 $\frac{1}{2}$ " (3.8 cm)
11-166	LANGENBECK Retractor 8" (20.3 cm), blade $\frac{3}{8}$ " (1.6 cm) x 1 $\frac{1}{2}$ " (3.8 cm)
11-180	HEANEY Retractor 10 $\frac{1}{2}$ " (26.7 cm), blade 1" (2.5 cm) x 1 $\frac{3}{4}$ " (4.4 cm)
11-182	HEANEY Retractor 10 $\frac{1}{2}$ " (26.7 cm), blade 1 $\frac{1}{8}$ " (2.8 cm) x 2 $\frac{1}{8}$ " (7.3 cm)
11-184	HEANEY Retractor 10 $\frac{1}{2}$ " (26.7 cm), blade 1 $\frac{1}{8}$ " (2.8 cm) x 3 $\frac{1}{4}$ " (8.3 cm)



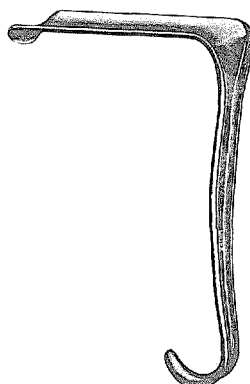
Retractors



11-185



30-300 to 30-310



30-320 to 30-330

11-185 HEANEY-SIMON Retractor 11½" (29.2 cm), blade 1" (2.5 cm) x 4½" (11.4 cm)

30-300 JACKSON Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3" (7.6 cm)

30-305 JACKSON Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3½" (8.9 cm)

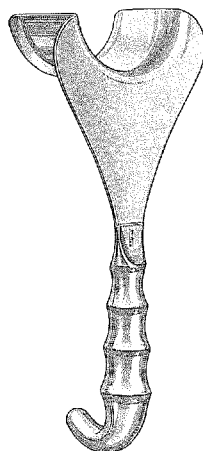
30-310 JACKSON Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 4" (10.2 cm)

30-320 EASTMAN Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3" (7.6 cm)

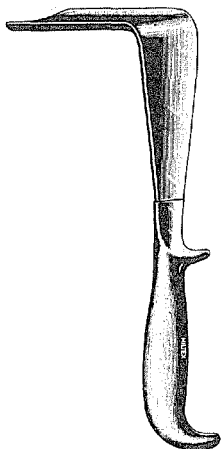
30-325 EASTMAN Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3½" (8.9 cm)

30-330 EASTMAN Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 4" (10.2 cm)

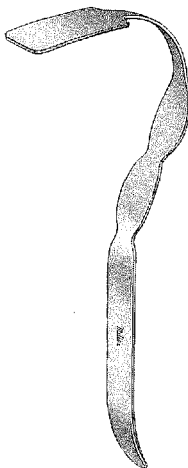
30-340 DE LEE Universal Retractor 9½" (24.1 cm), Blade 2¾" (7 cm) x 2" (5.1 cm)



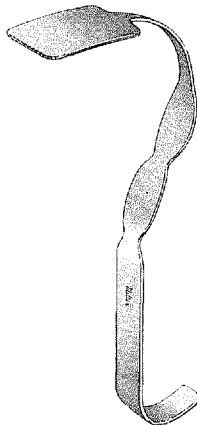
30-340



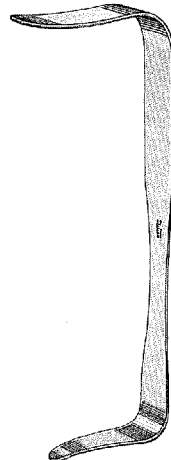
30-395 to 30-415



11-192



11-194



11-200

- 30-395 DOYEN Retractor 9" (22.9 cm), Blade 1 1/4" (4.4 cm) x 2 1/2" (6.4 cm)
- 30-406 DOYEN Retractor 9" (22.9 cm), Blade 2 1/8" (5.4 cm) x 3" (7.6 cm)
- 30-415 DOYEN Retractor 9" (22.9 cm), Blade 2 1/4" (5.7 cm) x 3 1/2" (8.9 cm)

11-192 JUNG Mini-Chole Retractor 10 1/2" (26.7 cm), 3 cm width blade

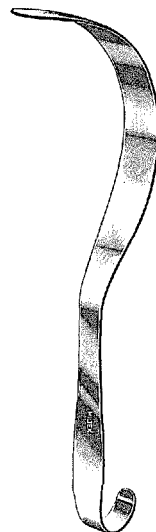
11-194 JUNG Mini-Chole Retractor 9" (22.9 cm), 4 cm width blade

11-196 JUNG Mini-Chole Retractors, set of 2 each of 3 cm width blade and 1 each of 4 cm width blade

11-200 DEAYER Retractor 1" (2.5 cm) x 9" (22.9 cm)

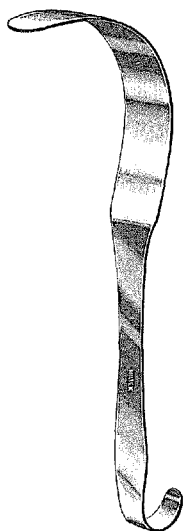
11-202 DEAYER Retractor 1" (2.5 cm) x 12" (30.5 cm)

11-204 DEAYER Retractor 1" (2.5 cm) x 13" (33 cm)

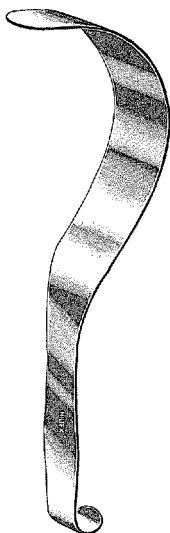


11-202

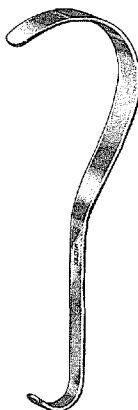
11-204



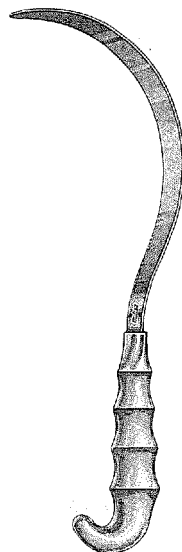
11-206



11-208
11-210

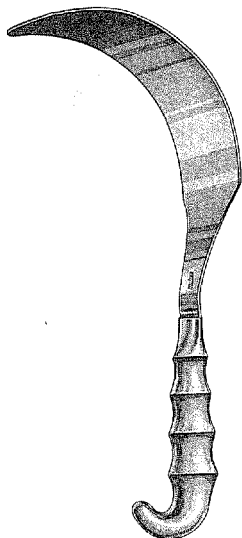


11-218 to 11-220

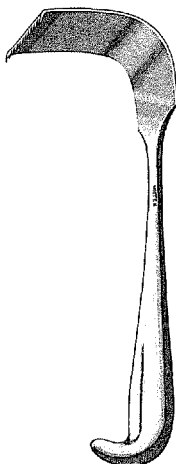


11-221 to 11-223

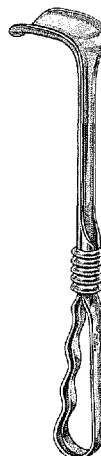
11-206	DEAYER Retractor 1 1/2" (3.8 cm) x 12" (30.5 cm)
11-208	DEAYER Retractor 2" (5.1 cm) x 12" (30.5 cm)
11-210	DEAYER Retractor 3" (7.6 cm) x 12" (30.5 cm)
11-218	Pediatric DEAYER Retractor 5/8" (1.6 cm) x 8 1/2" (21.6 cm)
11-219	Pediatric DEAYER Retractor 3/4" (1.9 cm) x 7" (17.8 cm)
11-220	Pediatric DEAYER Retractor 7/8" (2.2 cm) x 8" (20.3 cm)
11-221	DEAYER Retractor with Hollow Grip Handle 1" (2.5 cm) x 12" (30.5 cm)
11-222	DEAYER Retractor with Hollow Grip Handle 1" (2.5 cm) x 13" (33 cm)
11-223	DEAYER Retractor with Hollow Grip Handle 1 1/2" (3.8 cm) x 12" (30.5 cm)



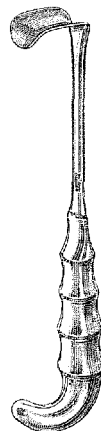
11-224 to 11-225



11-240 to 11-244

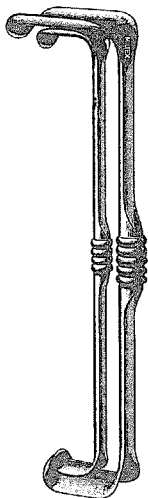


11-246 to 11-249

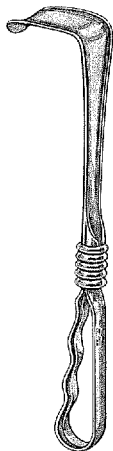


11-250 to 11-256

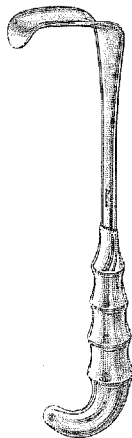
11-224	DEAVER Retractor with Hollow Grip Handle, 2" (5.1 cm) x 12" (30.5 cm)
11-224A	DEAVER Retractor with Hollow Grip Handle, 3" (7.6 cm) x 12" (30.5 cm)
11-225	DEAVER Retractor with Hollow Grip Handle, 4" (10.2 cm) x 12" (30.5 cm)
11-240	MEYERDING Retractor 9½" (24.1 cm), large blade, 3½" (8.9 cm) x 2" (5.1 cm)
11-242	MEYERDING Retractor 9½" (24.1 cm), medium blade, 3" (7.6 cm) x 1" (2.5 cm)
11-244	MEYERDING Retractor 9½" (24.1 cm), small blade, 2" (5.1 cm) x ¾" (1.6 cm)
11-246	RICHARDSON Retractor 9½" (24.1 cm), Loop Handle, 1" (2.5 cm) x ¾" (1.9 cm)
11-247	RICHARDSON Retractor 9½" (24.1 cm), Loop Handle, 1¼" (3.2 cm) x 1" (2.5 cm)
11-248	RICHARDSON Retractor 9½" (24.1 cm), Loop Handle, 1½" (3.8 cm) x 1½" (3.8 cm)
11-249	RICHARDSON Retractor 9½" (24.1 cm), Loop Handle, 2" (5.1 cm) x ¾" (1.9 cm)
11-250	RICHARDSON Retractor 9½" (24.1 cm), Hollow Grip Handle, 1" (2.5 cm) x ¾" (1.9 cm)
11-252	RICHARDSON Retractor 9½" (24.1 cm), Hollow Grip Handle, 1¼" (3.2 cm) x 1" (2.5 cm)
11-254	RICHARDSON Retractor 9½" (24.1 cm), Hollow Grip Handle, 1½" (3.8 cm) x 1" (2.5 cm)
11-256	RICHARDSON Retractor 9½" (24.1 cm), Hollow Grip Handle, 2" (5.1 cm) x ¾" (1.9 cm)



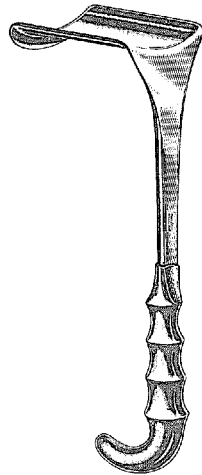
11-260 to 11-260B



11-266 to 11-269

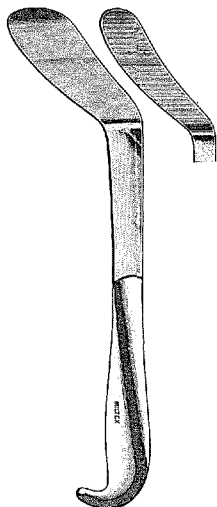


11-270 to 11-274

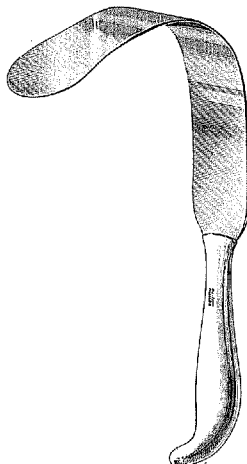


11-276

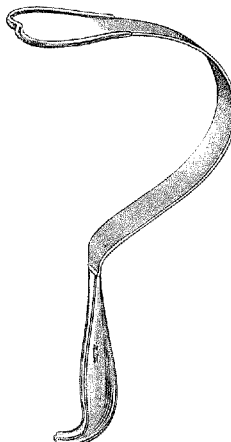
- 11-260 RICHARDSON-EASTMAN Retractor, double end, set of two
- 11-260A RICHARDSON-EASTMAN Retractor, double end, 11" (27.9 cm), large size
- 11-260B RICHARDSON-EASTMAN Retractor, double end, 10" (25.4 cm), small size
- 11-266 KELLY Retractor 9 3/4" (24.8 cm), Loop Handle, 2" (5.1 cm) x 1 1/2" (3.8 cm)
- 11-267 KELLY Retractor 9 3/4" (24.8 cm), Loop Handle, 2 1/2" (6.4 cm) x 2" (5.1 cm)
- 11-268 KELLY Retractor 9 3/4" (24.8 cm), Loop Handle, 3" (7.6 cm) x 2 1/2" (6.4 cm)
- 11-269 KELLY Retractor 9 3/4" (24.8 cm), Loop Handle, 3 1/2" (8.9 cm) x 2 3/4" (7 cm)
- 11-270 KELLY Retractor 9 1/2" (24.1 cm), Hollow Grip Handle, 2" (5.1 cm) x 1 1/2" (3.8 cm)
- 11-272 KELLY Retractor 10" (25.4 cm), Hollow Grip Handle, 2 1/2" (6.4 cm) x 2" (5.1 cm)
- 11-274 KELLY Retractor 10" (25.4 cm), Hollow Grip Handle, 3" (7.6 cm) x 2 1/2" (6.4 cm)
- 11-276 KELLY Retractor 10" (25.4 cm), Hollow Grip Handle, 3 1/2" (8.9 cm) x 2 3/4" (7 cm)



11-290
11-292



11-300

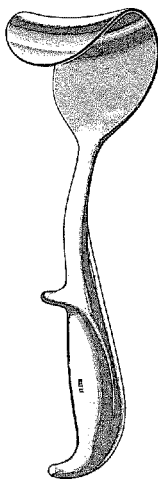


11-314 to 11-318



11-342

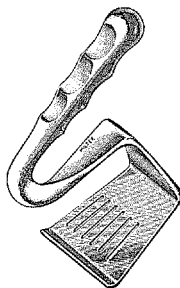
- 11-290** MURPHY Gall Bladder Retractor 10½" (26.7 cm), blade 1¼" (3.2 cm) wide
- 11-292** MURPHY Gall Bladder Retractor 10½" (26.7 cm), blade 2" (5.1 cm) wide
- 11-300** FOSS Gall Bladder Retractor 10" (25.4 cm), blade 1¾" (4.4 cm) wide
- 11-314** HARRINGTON Retractor 12" (30.5 cm), blade 2½" (6.4 cm) wide
- 11-316** HARRINGTON Retractor 12" (30.5 cm), blade 1½" (3.8 cm) wide
- 11-318** HARRINGTON Retractor 9½" (24.1 cm), blade 1" (2.5 cm) wide
- 11-342** FRITSCH Abdominal Retractor 9½" (24.1 cm), Hollow Grip Handle, 3" (7.6 cm) blade



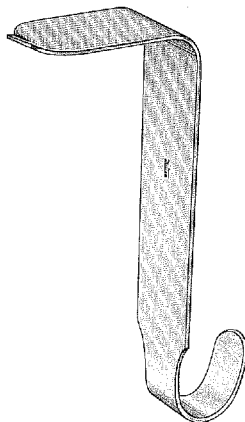
11-346



25-302



25-306

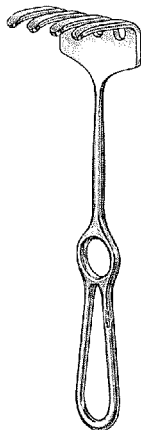


26-91
26-92

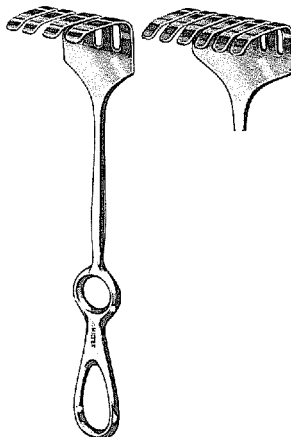
- 11-346** MAYO Abdominal Retractor 10" (25.4 cm), blade $2\frac{3}{4}$ " (7 cm) wide
- 25-302** ALLISON Lung Retractor $12\frac{3}{4}$ " (32.4 cm), standard size 2" (5.1 cm) wide blade
- 25-306** DAVIDSON Scapula Retractor, blade $3\frac{1}{2}$ " (8.9 cm) wide x $3\frac{1}{4}$ " (8.3 cm) deep
- 26-91** TAYLOR Spinal Retractor $7\frac{1}{4}$ " (18.4 cm), blade $1\frac{1}{4}$ " (3.2 cm) x 3" (7.6 cm)
- 26-92** TAYLOR Spinal Retractor 8" (20.3 cm), blade $1\frac{1}{4}$ " (3.2 cm) x 4" (10.2 cm)



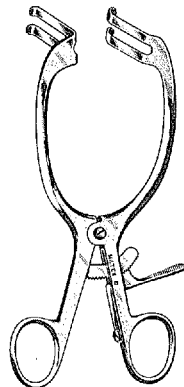
28-70 to 28-74



11-349

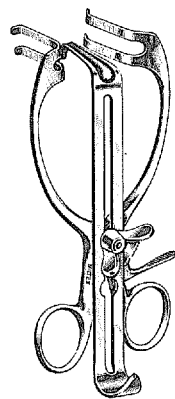


11-350
11-352

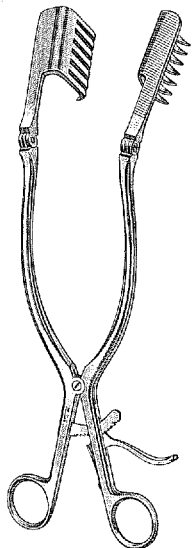


11-360

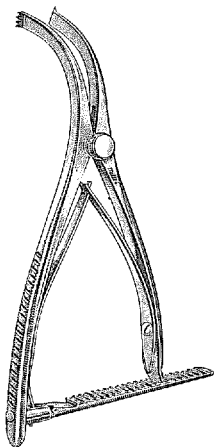
- 28-70** SAWYER Retractor 11" (27.9 cm), blade $\frac{7}{8}$ " (2.2 cm) x $2\frac{1}{2}$ " (6.4 cm)
28-72 SAWYER Retractor 11" (27.9 cm), blade $1\frac{1}{8}$ " (2.8 cm) x 3" (7.6 cm)
28-74 SAWYER Retractor 11" (27.9 cm), blade $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{2}$ " (8.9 cm)
11-349 OLLIER Retractor $8\frac{1}{2}$ " (21.6 cm), blunt, 4 prongs $2\frac{1}{4}$ " (5.7 cm) x $1\frac{3}{4}$ " (4.4 cm)
11-350 ISRAEL Retractor 9" (22.9 cm), blunt, 4 prongs $1\frac{1}{2}$ " (3.8 cm) x $1\frac{1}{8}$ " (4.1 cm)
11-352 ISRAEL Retractor 9" (22.9 cm), blunt, 6 prongs $2\frac{1}{4}$ " (5.7 cm) x $1\frac{3}{4}$ " (4.4 cm)
11-360 MAYO-ADAMS Retractor $6\frac{3}{4}$ " (17.1 cm), with grip lock
11-362 MAYO-ADAMS Retractor $6\frac{3}{4}$ " (17.1 cm), with center blade and grip lock



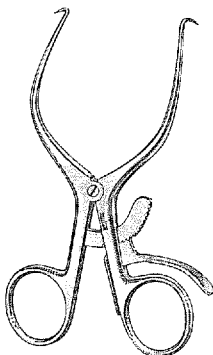
11-362



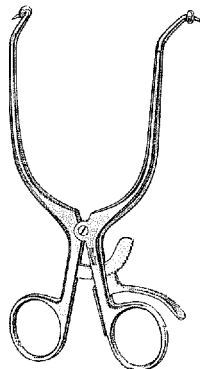
26-1973



26-2000
26-2001
26-2005

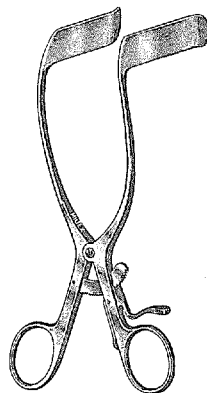


11-365
11-366

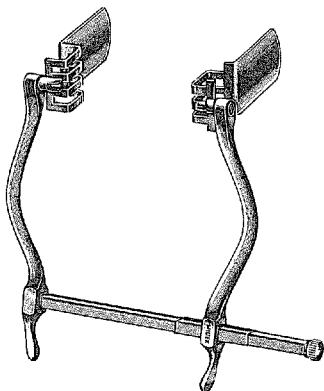


11-368

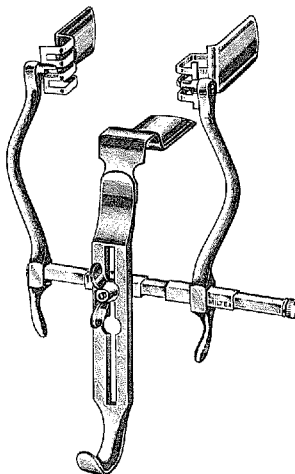
- 26-1973** BECKMAN-EATON Laminectomy Retractor 12 $\frac{3}{4}$ " (32.4 cm), hinged, sharp 7 x 7 teeth 1 $\frac{3}{4}$ " (4.4 cm) wide x 2" (5.1 cm) deep
- 26-2000** INGE Lamina Spreader 6" (15.2 cm), jaws open to 1 $\frac{1}{8}$ " (2.8 cm)
- 26-2001** INGE Lamina Spreader 6" (15.2 cm), jaws open to 1 $\frac{1}{8}$ " (2.8 cm), without teeth
- 26-2005** INGE Lamina Spreader 9 $\frac{1}{2}$ " (24.1 cm), jaws open to 1 $\frac{3}{4}$ " (4.4 cm), smooth handles
- 11-365** Pediatric GELPI Retractor 5 $\frac{1}{2}$ " (14 cm), with grip lock
- 11-366** GELPI Retractor 6 $\frac{3}{4}$ " (17.1 cm), with grip lock
- 11-368** GELPI Retractor 6 $\frac{3}{4}$ " (17.1 cm), with ball stops and grip lock
- 11-374** RIGBY Appendectomy Retractor 6 $\frac{3}{4}$ " (17.1 cm), with grip lock



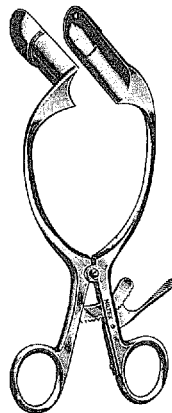
11-374



11-390



11-392



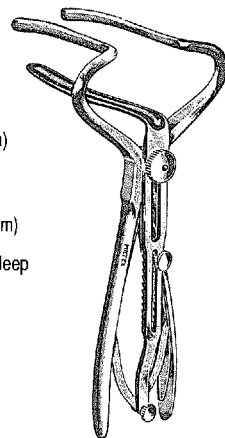
28-6

11-390 MASSON-JUDD Bladder Retractor with 2 swivel blades 1" (2.5 cm) x 2 $\frac{3}{4}$ " (7 cm)

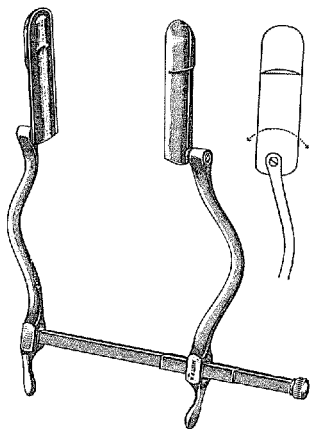
11-392 MASSON-JUDD Bladder Retractor with 2 swivel blades and center blade 1" (2.5 cm) x 2 $\frac{3}{4}$ " (7 cm)

28-6 BARR Anal Retractor 8" (20.3 cm), self-retaining, blades 2 $\frac{3}{4}$ " (7 cm) x $\frac{7}{8}$ " (2.2 cm)

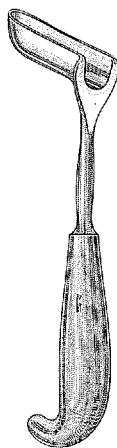
28-8 COOK Rectal Retractor 8" (20.3 cm), triple bladed, self-retaining, 4" (10.2 cm) deep blades, lower blade $\frac{1}{2}$ " (1.3 cm) wide



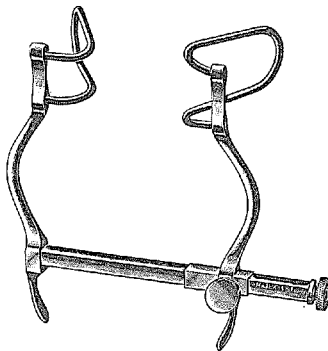
28-8



28-64
28-65

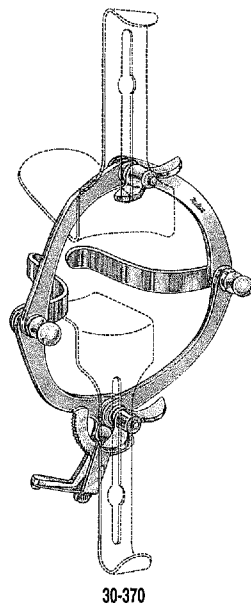
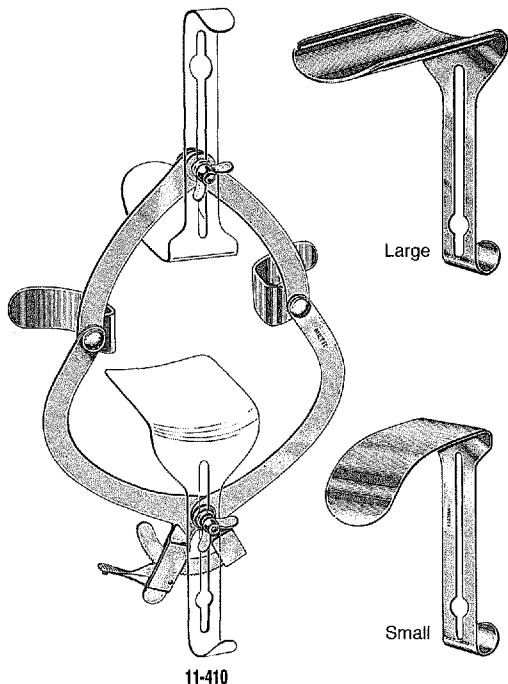


28-68
28-69



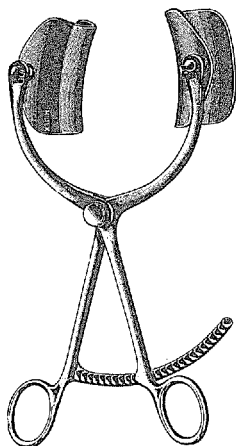
11-400 to 11-404

- 28-64** SMITH (BUIE) Anal Retractor, self-retaining, swivel blades 2½" (6.4 cm) x ⅞" (2.2 cm) open to 4" (10.2 cm)
- 28-65** SMITH (BUIE) Anal Retractor, self-retaining, extra long swivel blades 4" (10.2 cm) x ⅞" (2.2 cm) open to 4" (10.2 cm)
- 28-68** HILL-FERGUSON Retractor 8½" (21.6 cm), small blade 2.2 x 6.4 cm
- 28-69** HILL-FERGUSON Retractor 8¾" (21 cm), large blade 3 x 7.6 cm
- 11-400** GOSSET Retractor 4" (10.2 cm) spread, 1" (2.5 cm) x 1½" (3.8 cm) blades
- 11-402** GOSSET Retractor 5½" (14 cm) spread, 1" (2.5 cm) x 2½" (6.4 cm) blades
- 11-404** Pediatric GOSSET Retractor 3½" (8.9 cm) spread, ¾" (1.9 cm) x 1" (2.5 cm) blades, light pattern

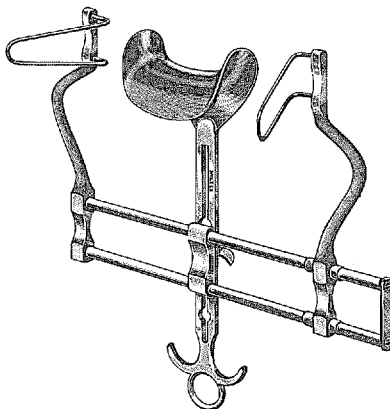


11-410 O'SULLIVAN-O'CONNOR Abdominal Retractor, with 3 interchangeable blades, two small size $1\frac{1}{4}"$ (4.4 cm) x $3\frac{1}{4}"$ (8.3 cm), one large size $2\frac{3}{4}"$ (7 cm) x $4\frac{1}{4}"$ (10.8 cm)

30-370 O'SULLIVAN-O'CONNOR Vaginal Retractor, with 3 interchangeable blades, $\frac{1}{2}"$ (1.3 cm) x $1\frac{7}{8}"$ (4.7 cm), $1\frac{1}{2}"$ (3.8 cm) x $3\frac{1}{2}"$ (8.9 cm) and $1\frac{3}{4}"$ (4.4 cm) x $3\frac{1}{2}"$ (8.9 cm)



11-414



11-420

11-421

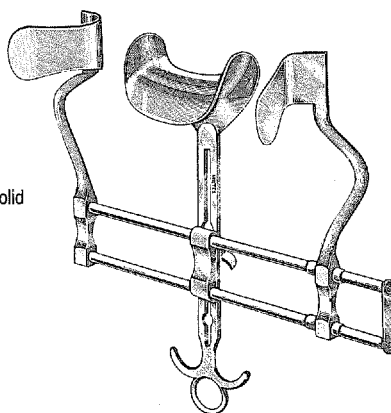
11-414 COLLIN Abdominal Retractor 9" (22.9 cm), with 2 swivel blades

BALFOUR ABDOMINAL RETRACTORS
with fenestrated side blades $2\frac{1}{2}$ " (6.4 cm) deep and solid center blade 3" (7.6 cm) x $1\frac{3}{4}$ " (4.4 cm) deep

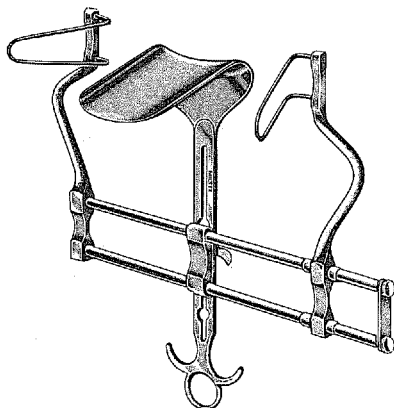
11-420 7" (17.8 cm) spread (standard size)

11-421 10" (25.4 cm) spread

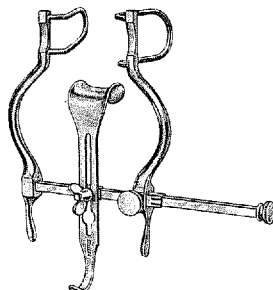
11-424 BALFOUR Abdominal Retractor, with solid side blades $2\frac{3}{4}$ " (7 cm) deep and solid center blade 3" (7.6 cm) x $1\frac{3}{4}$ " (4.4 cm) deep, 7" (17.8 cm) spread



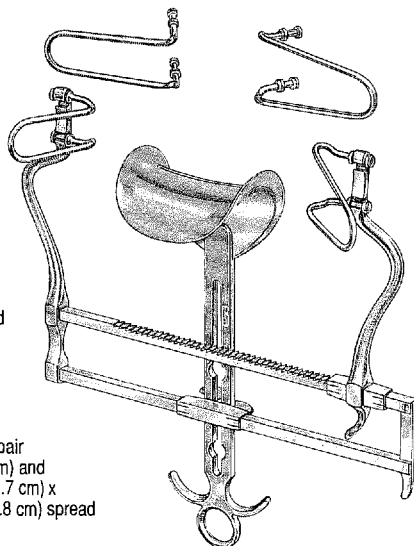
11-424



11-428

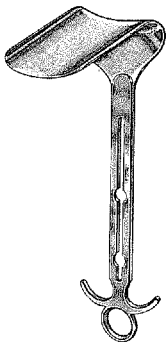


11-430

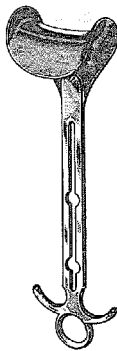


11-432

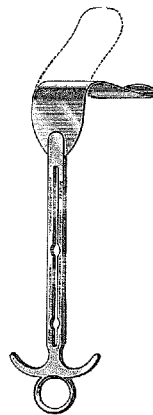
- 11-428 BALFOUR Abdominal Retractor, with fenestrated side blades 4" (10.2 cm) deep solid center blade 2¾" (7 cm) x 4" (10.2 cm) deep, 7" (17.8 cm) spread
- 11-430 Pediatric BALFOUR Abdominal Retractor, with fenestrated side blades and solid center blade 1" (2.5 cm) deep, 4" (10.2 cm) spread, light pattern
- 11-432 BALFOUR Abdominal Retractor with ratchet bar, 2 pair interchangeable fenestrated side blades 2¼" (5.7 cm) and 3½" (8.9 cm) deep and 2 solid center blades 2¾" (6.7 cm) x 1¾" (4.4 cm) and 3¼" (8.3 cm) x 2¾" (7 cm), 7" (17.8 cm) spread



11-442

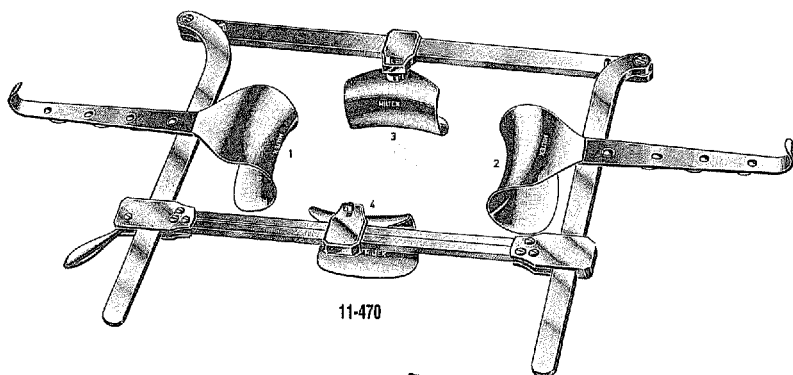


11-440
11-444
11-446

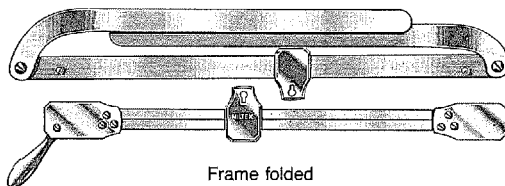
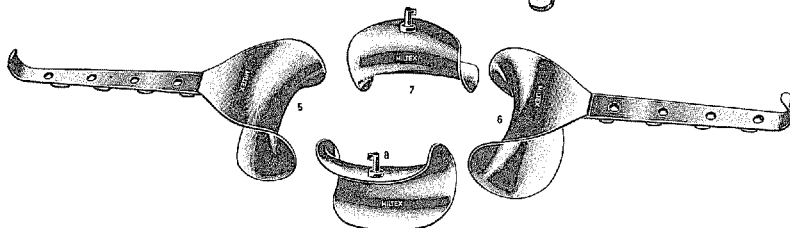


11-448

- 11-440** BALFOUR Center Blade, standard size 3" (7.6 cm) x 1 1/4" (4.4 cm) deep
- 11-442** BALFOUR Center Blade, extra deep model, 2 3/4" (7 cm) x 4" (10.2 cm) deep
- 11-444** BALFOUR Center Blade, 2 5/8" (6.7 cm) x 1 1/4" (4.4 cm) deep
- 11-446** BALFOUR Center Blade, 3 1/4" (8.3 cm) x 2 3/4" (7 cm) deep
- 11-448** BALFOUR Center Blade, 2" (5.1 cm) x 5" (12.7 cm) deep, malleable



11-470



Frame folded

11-470

FRANZ Abdominal Retractor, with 8 interchangeable blades, folding for easy storage.

Blades No. 1 and 2 – 2" (5.1 cm) x 1¼" (4.4 cm) deep

Blades No. 3 and 4 – 2½" (6.4 cm) x 1¼" (3.2 cm) deep

Blades No. 5 and 6 – 3" (7.6 cm) x 2" (5.1 cm) deep

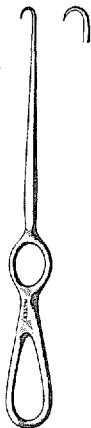
Blades No. 7 and 8 – 3½" (8.9 cm) x 1¼" (3.2 cm) deep



Retractors



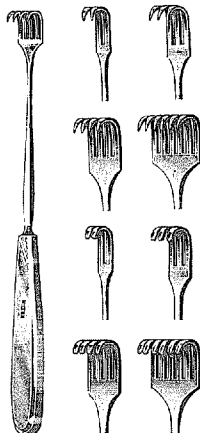
11-500



11-502



27-230
27-232



11-504 to 11-516



11-530 to 11-544

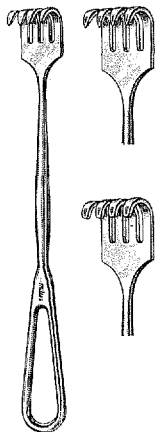
- 11-500** VOLKMAN Hook 8½" (21.6 cm), sharp, hollow handle
11-502 VOLKMAN Hook 8½" (21.6 cm), sharp, ring handle
27-230 VOLKMAN Hook Retractor 9" (22.9 cm), sharp point 15 mm deep
27-232 VOLKMAN Hook Retractor 9" (22.9 cm), blunt tip 15 mm deep

VOLKMAN RETRACTORS 8½" (21.6 cm), Hollow Handle

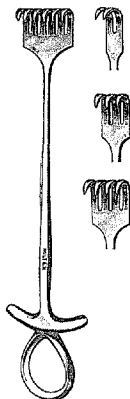
Sharp		Blunt
11-504	2 prongs	11-512
11-506	3 prongs	11-514
11-508	4 prongs	11-516

VOLKMAN RETRACTORS 8" (20.3 cm), Ring Handle

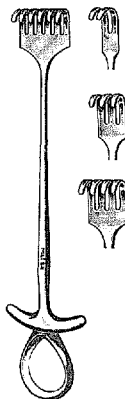
Sharp		Blunt
11-530	2 prongs	11-538
11-532	3 prongs	11-540
11-534	4 prongs	11-542
11-536	6 prongs	11-544



11-546 to 11-554



11-560 to 11-566



11-568 to 11-574



11-580
11-582

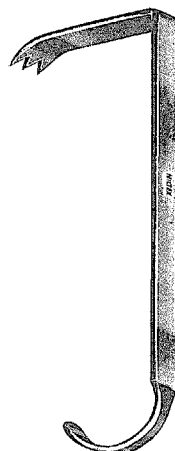
VOLKMAN RETRACTORS 8¾" (22.2 cm), USA Pattern Ring Handle

Sharp		Blunt
11-546	2 prongs	11-551
11-547	3 prongs	11-552
11-548	4 prongs	11-553
11-549	6 prongs	11-554

MURPHY RETRACTORS 7½" (19.1 cm)

Sharp		Blunt
11-560	2 prongs	11-568
11-562	3 prongs	11-570
11-564	4 prongs	11-572
11-566	6 prongs	11-574

- 11-580 BENNETT Tibia Retractor 9½" (24.1 cm), small blade 1¾" (4.4 cm) wide
 11-582 BENNETT Tibia Retractor 9½" (24.1 cm), large blade 2½" (6.4 cm) wide
 11-590 HIBBS Retractor 9¼" (23.5 cm), blade 1" (2.5 cm) x 3" (7.6 cm) deep



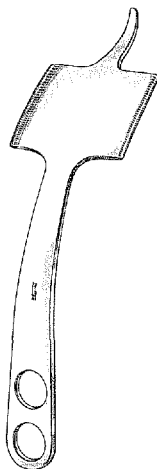
11-590



27-213
27-214



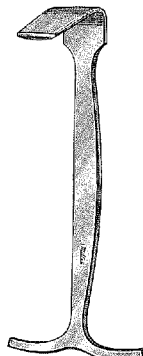
27-215 to 27-218



27-219



27-223



27-224

27-213 MINI-HOHMANN Retractor 6¼" (15.9 cm), blade 6 mm wide

27-214 MINI-HOHMANN Retractor 6¼" (15.9 cm), blade 8 mm wide

27-215 HOHMANN Retractor 9¼" (23.5 cm), blade 10 mm wide

27-216 HOHMANN Retractor 9¼" (23.5 cm), blade 18 mm wide

27-217 HOHMANN Retractor 9¼" (23.5 cm), blade 25 mm wide

27-218 HOHMANN Retractor 9¼" (23.5 cm), blade 43 mm wide

27-219 HOHMANN Retractor 9¾" (24.8 cm), blade 70 mm wide

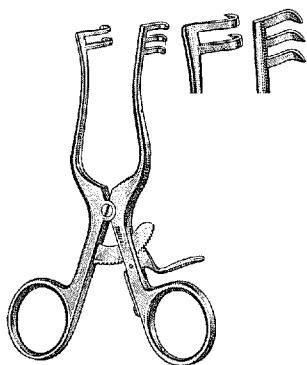
27-223 BLOUNT Knee Retractor 7" (17.8 cm), blade 1¼" (4.4 cm) deep,
¾" (1.6 cm) wide tapering to ¾" (.48 cm)

27-224 SMILLIE Meniscus Hook Retractor 5¾" (14.6 cm), blade
¾" (1.9 cm) x 1½" (3.5 cm)

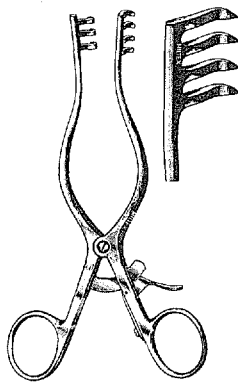
27-225 HAYS Hand and Finger Retractor 6" (15.2 cm), angled blade
1½" (3.8 cm) long, ¾" (1 cm) wide tapering to ½" (.32 cm)



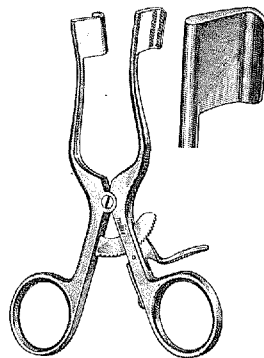
27-225



11-600 to 11-602



11-608 to 11-610
11-614 to 11-622



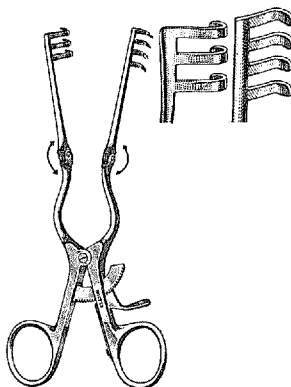
11-611

WEITLANER RETRACTORS

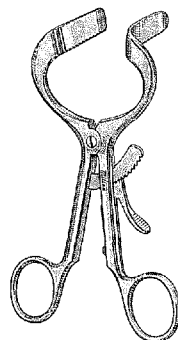
Sharp	Size	Blunt
11-600	4" (10.2 cm) 2 x 3 teeth	11-602
11-608	5½" (14 cm) 3 x 4 teeth	11-610
—	5½" (14 cm) solid blades	11-611
11-614	6½" (16.5 cm) 3 x 4 teeth	11-616
11-617	8" (20.3 cm) 3 x 4 teeth	11-618
11-620	9½" (24.1 cm) 3 x 4 teeth	11-622

BECKMAN-WEITLANER RETRACTORS with Hinged Blades

Sharp	Size	Blunt
11-630-SH	5½" (14 cm) 3 x 4 teeth	11-630-BL
11-634-SH	6½" (16.5 cm) 3 x 4 teeth	11-634-BL
11-642-SH	9" (22.9 cm) 3 x 4 teeth	11-642-BL

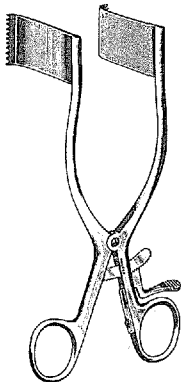


11-630 to 11-642

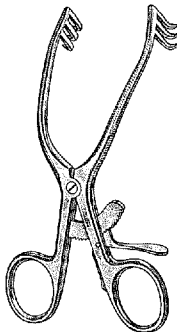


40-1235

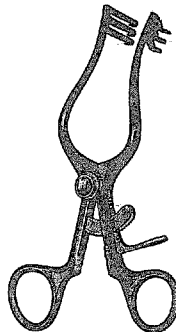
40-1235 SCHINK Retractor 4½" (11.4 cm)



11-650 to 11-656



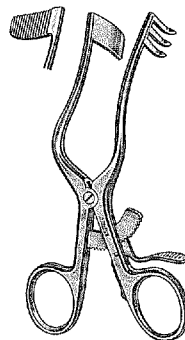
19-655



19-660

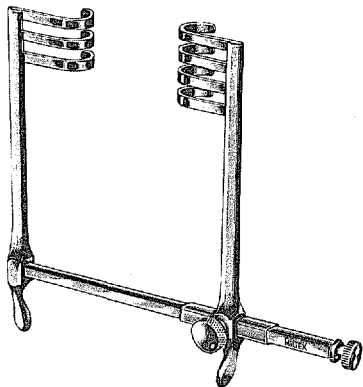
MEYERDING SELF-RETAINING RETRACTORS

- 11-650** 1" (2.5 cm) x 2 $\frac{3}{8}$ " (6.1 cm) blades
- 11-652** 1" (2.5 cm) x 2 $\frac{1}{8}$ " (5.4 cm) blades
- 11-654** 1" (2.5 cm) x 1 $\frac{1}{4}$ " (4.4 cm) blades
- 11-656** $\frac{3}{4}$ " (1.9 cm) x 2 $\frac{3}{8}$ " (6.1 cm) blades
- 19-655** SCHUHKNECHT Postauricular Retractor 5" (12.7 cm),
3 x 3 teeth, 3" (7.6 cm) opening
- 19-660** WULLSTEIN Endaural Retractor 5" (12.7 cm),
3 x 3 sharp teeth, ebony non-glare finish
- 19-668** PERKINS Endaural Retractor 5 $\frac{1}{4}$ " (13.3 cm),
left serrated solid blade, right side 3 teeth
- 19-669** PERKINS Endaural Retractor 5 $\frac{1}{4}$ " (13.3 cm),
right serrated solid blade, left side 3 teeth

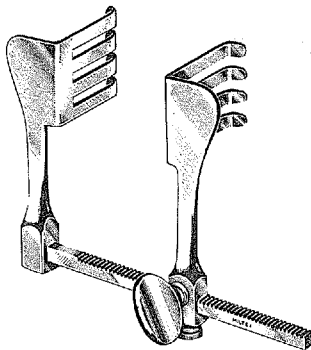


19-668

19-669



11-660

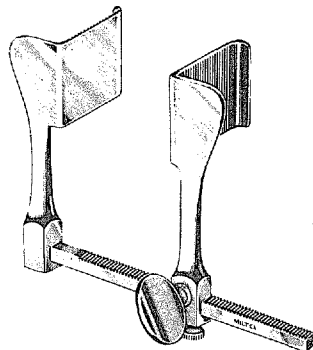


11-672

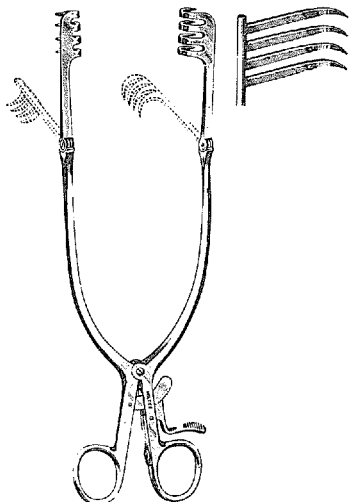
11-660 FRAZIER Retractor, 3 x 4 blunt teeth, 3¼" (8.3 cm) spread

11-672 BADGLEY Retractor, 4 x 4 blunt teeth, 2" (5.1 cm) x 1¼" (4.4 cm), 6½" (16.5 cm) spread

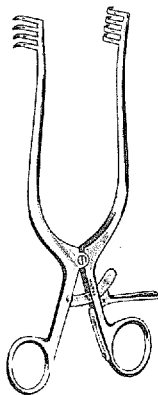
11-676 TUFFIER Retractor, 2" (5.1 cm) x 1¼" (4.4 cm), grooved blades, 6½" (16.5 cm) spread



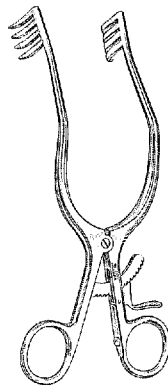
11-676



11-684
11-686

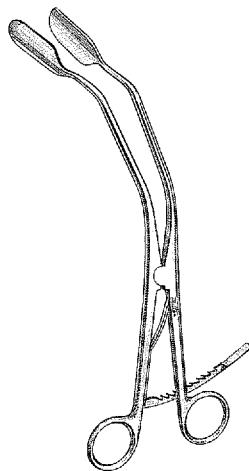


11-700



11-702

- 11-684 BECKMAN Retractor 12½" (31.8 cm), hinged, sharp
4 x 4 teeth ¾" (1.9 cm) x 1" (2.5 cm)
- 11-686 BECKMAN Retractor 12½" (31.8 cm), hinged, sharp
4 x 4 teeth 1¾" (4.4 cm) x 1¼" (3.2 cm)
- 11-700 ADSON Retractor 7½" (19.1 cm), sharp, 4 x 4 teeth
¾" (1.9 cm) x ¾" (1.9 cm), straight arms
- 11-702 ADSON Retractor 7½" (19.1 cm), sharp, 4 x 4 teeth
¾" (1.9 cm) x ¾" (1.9 cm), angled arms
- 30-1355 Lateral Vaginal Retractor 8¼" (21 cm), with extra long
thumb ratchet retracts up to a full 2¼" (5.7 cm) for an
extra wide viewing area



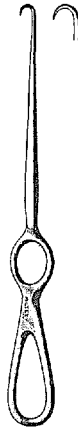
30-1355



11-82



11-500



11-502



27-230
27-232

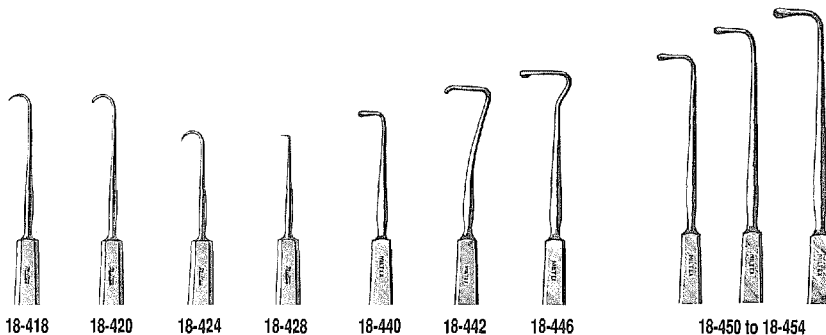


18-412
18-414



18-416

11-82	MEYERDING Skin Hook and Retractor 6¼" (15.9 cm), double end
11-500	VOLKMAN Hook 8½" (21.6 cm), sharp, hollow handle
11-502	VOLKMAN Hook 8½" (21.6 cm), sharp, ring handle
27-230	VOLKMAN Hook Retractor 9" (22.9 cm), sharp point 15 mm deep
27-232	VOLKMAN Hook Retractor 9" (22.9 cm), blunt tip 15 mm deep
18-412	TYRELL Hook 5" (12.7 cm), sharp
18-414	TYRELL Hook 5" (12.7 cm), blunt
18-416	GUTHRIE Fixation Hook 5" (12.7 cm), sharp double prongs 1.5 mm wide



- 18-418** WIENER Hook 5" (12.7 cm), sharp
- 18-420** WIENER Hook 5" (12.7 cm), blunt
- 18-424** O'CONNOR Hook 4¾" (12.1 cm), sharp
- 18-428** NUGENT Hook 4¾" (12.1 cm), right angle, sharp
- 18-440** STEVENS Hook 5" (12.7 cm), right angle 5 mm deep
- 18-442** GREEN Hook 5" (12.7 cm), 9 mm deep
- 18-446** JAMESON Hook 5" (12.7 cm), 10 mm deep
- 18-450** VON GRAEFE Hook 5½" (14 cm), small size 8 mm deep
- 18-452** VON GRAEFE Hook 5½" (14 cm), medium size 10 mm deep
- 18-454** VON GRAEFE Hook 5½" (14 cm), large size 11 mm deep



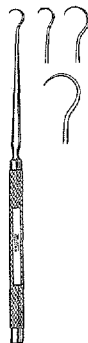
19-220
19-222



19-226



19-228



21-85 to 21-87



21-88
21-89



21-90 to 21-94

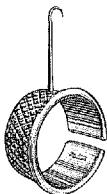
- 19-220 DAY Hook 6½" (16.5 cm), small size
- 19-222 DAY Hook 6½" (16.5 cm), large size
- 19-226 ALLPORT Hook 6½" (16.5 cm), with ball tip
- 19-228 GROSS Hook and Spoon 5" (12.7 cm)
- 21-85 KLEINERT-KUTZ Hook 5" (12.7 cm), small size 3 mm dia.
- 21-86 KLEINERT-KUTZ Hook 5" (12.7 cm), medium size 5 mm dia.
- 21-87 KLEINERT-KUTZ Hook 5" (12.7 cm), large size 7 mm dia.
- 21-88 GILLIES (CONVERSE) Skin Hook 7" (17.8 cm), large size
- 21-89 GILLIES (CONVERSE) Skin Hook 7" (17.8 cm), small size
- 21-90 COTTLE Skin Hook 5½" (14 cm), small, shallow curve
- 21-92 COTTLE Skin Hook 5½" (14 cm), small, deep curve
- 21-94 COTTLE Skin Hook 5½" (14 cm), large, deep curve
- 26-1084 FRAZIER Dura Hook 5" (12.7 cm), sharp point
- 26-1086 FRAZIER Dura Hook 5" (12.7 cm), blunt point



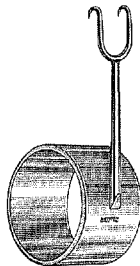
26-1084
26-1086



21-102
21-103



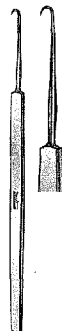
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21-108



21-144

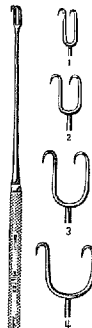


21-152



21-153

- 21-102 FREER Skin Hook 6" (15.2 cm), sharp double prongs 2.5 mm wide
21-103 FREER Skin Hook 6" (15.2 cm), blunt double prongs 2.5 mm wide
21-107 MILLARD Thimble Hook Retractor, 5/8" (1.6 cm) working length, sharp single hook
21-108 COTTLE Thumb Hook Retractor, 1 1/2" (3.8 cm) working length, sharp double hook 8 mm wide
21-144 COTTLE Double Hook 5 1/2" (14 cm), two sharp prongs 12 mm wide
21-152 MILTEX Skin Hook 4 3/4" (12.1 cm), sharp prong 2 mm dia.
21-153 JOSEPH Single Hook 6 1/4" (15.9 cm), one sharp prong
21-154 JOSEPH Double Hook 6 1/4" (15.9 cm), two sharp prongs 2 mm
21-156 JOSEPH Double Hook 6 1/4" (15.9 cm), two sharp prongs 5 mm
21-158 JOSEPH Double Hook 6 1/4" (15.9 cm), two sharp prongs 7 mm
21-160 JOSEPH Double Hook 6 1/4" (15.9 cm), two sharp prongs 10 mm



21-154 to 21-160



21-430



23-1048



23-1050



23-1051



26-1080



26-1090
26-1092

- 21-430 MILTEX Tissue Twist Hook 5½" (14 cm)
- 23-1048 HUPP Hook 6½" (16.5 cm), sharp point
- 23-1050 JACKSON Tenaculum Hook 5¾" (14.6 cm), sharp point
- 23-1051 NEWS Hook 6" (15.2 cm), sharp point
- 26-1080 CUSHING Dura Hook 6½" (16.5 cm), blunt
- 26-1090 ADSON Dura & Dissecting Hook 8" (20.3 cm), sharp blade 5 mm at right angle
- 26-1092 ADSON Dura Hook 8" (20.3 cm), blunt 5 mm hook at right angle



26-1150



26-1156



26-1170



26-1174

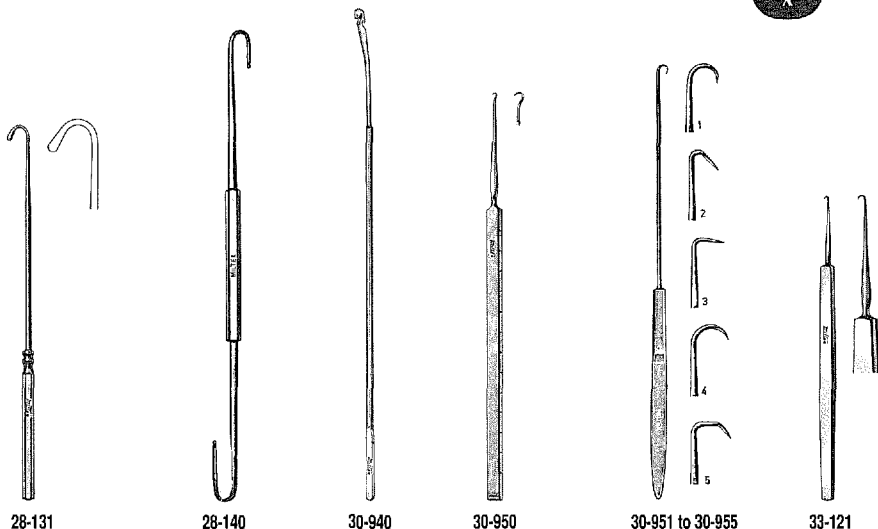


28-120 to 28-124



28-128
28-130

- 26-1150 DANDY Hook 9" (22.9 cm), straight
- 26-1156 GRAHAM Hook 7" (17.8 cm), blunt, 6 mm deep
- 26-1170 SMITHWICK Hook 7" (17.8 cm), blunt, 10 mm deep
- 26-1174 SMITHWICK Hook and Dissector 12" (30.5 cm)
- 28-120 PRATT Crypt Hook 8½" (21.6 cm), narrow style
- 28-122 PRATT Crypt Hook 8½" (21.6 cm), short style
- 28-124 PRATT Crypt Hook 8½" (21.6 cm), long style
- 28-128 STEWART Crypt Hook 8½" (21.6 cm), short style
- 28-130 STEWART Crypt Hook 8½" (21.6 cm), long style



28-131 ROSSER Crypt Hook 6¾" (17.1 cm)

28-140 BARR Crypt Hook 10" (25.4 cm), short and long hook ends

30-940 MILTEX I.U.D. Extractor Hook 10¼" (26 cm)

30-950 MILTEX Tenaculum Hook 8" (20.3 cm), extra delicate pointed hook, handle graduated in cm

EMMETT TENACULUM HOOKS 9" (22.9 cm), Sharp Points

30-951 Style 1 Half-Curved, small

30-954

Style 4 Half-Curved, large

30-952 Style 2 Acute Angle

30-955

Style 5 Double Angle

30-953 Style 3 Right Angle

33-121 SELTZER Dermal Biopsy Hook 4½" (11.4 cm), sharp point

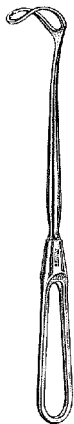
34-250 Dissecting Tenaculum Hook 6½" (16.5 cm), sharp point



34-250



11-20



11-22



11-74
11-76

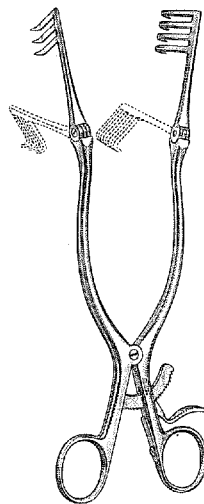


11-78

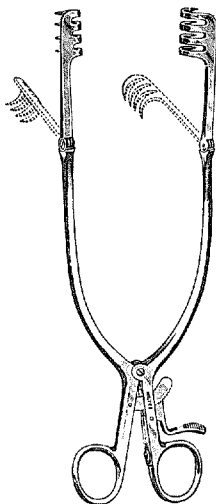


11-80
11-81

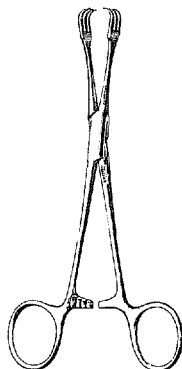
- 11-20** LAHEY Thyroid Retractor 7¾" (19.7 cm)
- 11-22** GREEN Thyroid Retractor 8½" (21.6 cm)
- 11-74** SENN Retractor 6¾" (16.2 cm), sharp, double end
- 11-76** SENN Retractor 6¾" (16.2 cm), blunt, double end
- 11-78** CRILE Thyroid Retractor 4½" (11.4 cm), double end
3 x 11 mm and 6 x 20 mm blades
- 11-80** MATHIEU Retractor 6½" (16.5 cm), sharp, double end
- 11-81** MATHIEU Retractor 6½" (16.5 cm), blunt, double end
- 11-642-SH** BECKMAN-WEITLANER Retractor 9" (22.9 cm),
hinged blades, sharp 3 x 4 teeth
- 11-642-BL** BECKMAN-WEITLANER Retractor 9" (22.9 cm),
hinged blades, blunt 3 x 4 teeth



11-642-SH
11-642-BL



11-684

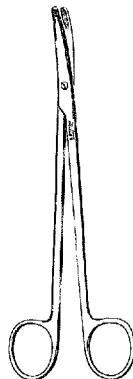


12-80



12-90

12-92



5-179

5-180

11-684 BECKMAN Thyroid Retractor 12½" (31.8 cm), hinged, sharp
4 x 4 teeth ¾" (1.9 cm) x 1" (2.5 cm)

12-80 LAHEY Traction Forceps 6¼" (15.9 cm), 3 x 3 teeth

12-90 LAHEY Ligature Carrier 7½" (19.1 cm), curved left

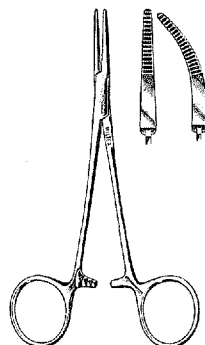
12-92 LAHEY Ligature Carrier 7½" (19.1 cm), curved right

5-179 LAHEY Goiter Scissors 5½" (14 cm), straight

5-180 LAHEY Goiter Scissors 5½" (14 cm), curved

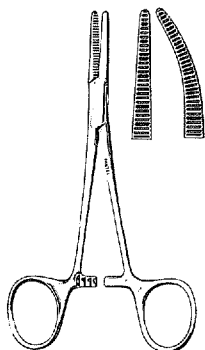
7-30 PROVIDENCE HOSPITAL Hemostatic Forceps 5½" (14cm), straight

7-32 PROVIDENCE HOSPITAL Hemostatic Forceps 5½" (14cm), curved

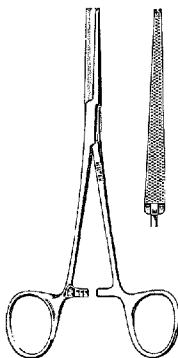


7-30

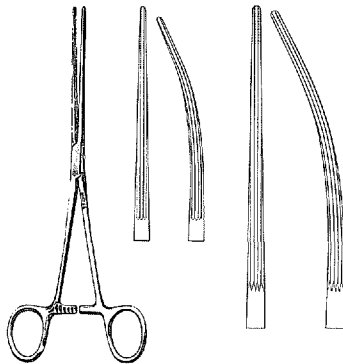
7-32



7-60
7-62

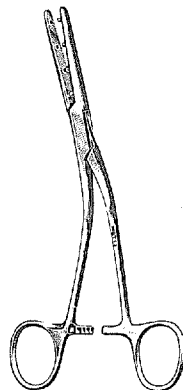


7-98



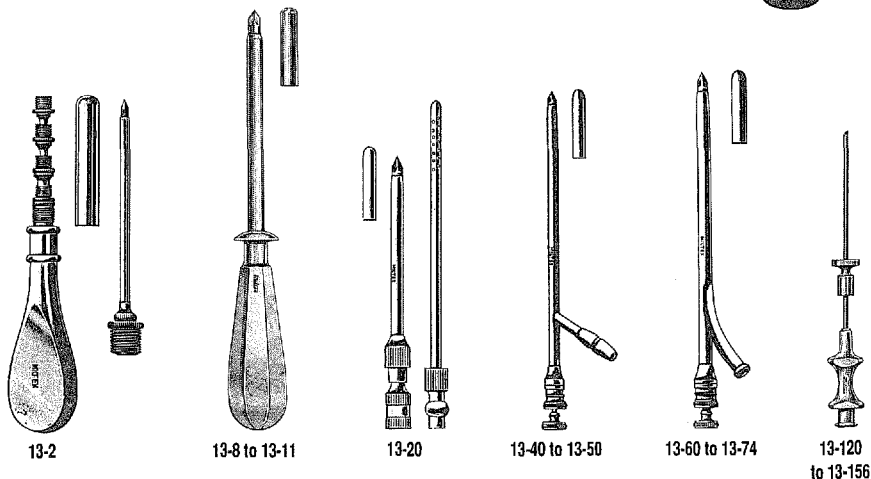
7-230 to 7-236

- 7-60 LAHEY Hemostatic Forceps 5 1/2" (14 cm), straight
- 7-62 LAHEY Hemostatic Forceps 5 1/2" (14 cm), curved
- 7-98 LOVEFACE Hemostatic Forceps 6 1/4" (15.9 cm), straight, cross serrations, 1 x 2 teeth
- 7-230 BAINBRIDGE Hemostatic Forceps 6" (15.2 cm), straight, longitudinal serrations with cross tip serrations
- 7-232 BAINBRIDGE Hemostatic Forceps 6" (15.2 cm), curved, longitudinal serrations with cross tip serrations
- 7-234 BAINBRIDGE Hemostatic Forceps 7 1/4" (18.4 cm), straight, longitudinal serrations with cross tip serrations
- 7-236 BAINBRIDGE Hemostatic Forceps 7 1/4" (18.4 cm), curved, longitudinal serrations with cross tip serrations
- 12-170 MASTIN Muscle Clamp 7" (17.8 cm), shanks curved to side, one smooth and one serrated jaw, with four pins



12-170

Trocars and Biopsy Needles



13-2 NESTED TROCAR SET of 4, sizes 6 French (2 mm), 9 French (3 mm), 13 French (4.3 mm) and 17 French (5.7 mm), in flat chrome plated handle. Trocar points and cannula are stainless.

PATTERSON TROCARS 8½" (21.6 cm). Trocar points, Cannula and handle are stainless

13-8	size 1	6 mm dia.
13-9	size 2	7.5 mm dia.
13-10	size 3	10.5 mm dia.
13-11	size 4	12 mm dia.

13-20 DUKE Trocar and Cannula 4½" (11.4 cm), with perforated tube, 5½" (13 cm) long, size 17 French (5.7 mm), all stainless

OCHSNER TROCARS, Original Model
6" (15.2 cm), with tubing connection

13-40	12 French (4 mm)	13-46	20 French (6.7 mm)
13-42	14 French (4.7 mm)	13-48	22 French (7.3 mm)
13-44	17 French (5.7 mm)	13-50	24 French (8 mm)

OCHSNER TROCARS, Improved Philadelphia Pattern,
6¼" (15.9 cm) for introduction of catheters

13-60	12 French (4 mm)	for 8 Fr. (2.7 mm) catheters
13-62	14 French (4.7 mm)	for 10 Fr. (3.3 mm) catheters
13-64	16 French (5.3 mm)	for 12 Fr. (4 mm) catheters
13-66	18 French (6 mm)	for 14 Fr. (4.7 mm) catheters
13-68	20 French (6.7 mm)	for 16 Fr. (5.3 mm) catheters
13-70	22 French (7.3 mm)	for 18 Fr. (6 mm) catheters
13-72	24 French (8 mm)	for 20 Fr. (6.7 mm) catheters
13-74	28 French (9.3 mm)	for 22 Fr. (7.3 mm) catheters

MENGHINI BIOPSY NEEDLES,

Improved Model, with built-in stop plug that never requires replacement

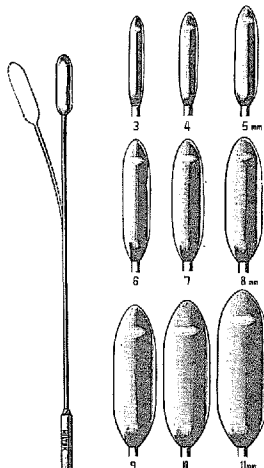
For Liver Biopsy Child Size – 40 mm long			For Liver Biopsy Adult Size – 70 mm long			For Kidney Biopsy 120 mm long		
	inside diameter			inside diameter			inside diameter	
13-120	1	mm – 19 gauge	13-128	1	mm – 19 gauge	13-150	1	mm – 19 gauge
13-122	1.2	mm – 18 gauge	13-130	1.2	mm – 18 gauge	13-152	1.2	mm – 18 gauge
13-124	1.4	mm – 17 gauge	13-132	1.4	mm – 17 gauge	13-154	1.4	mm – 17 gauge
13-126	1.6	mm – 16 gauge	13-134	1.8	mm – 16 gauge	13-156	1.8	mm – 16 gauge



14-2



14-4



14-8
14-10



14-12

14-2 OCHSNER (FENGER) Gall Duct Probe, cannulated flexible spiral 14" (35 cm) with stylet

14-4-15 MAYO Common Duct Probe 10" (25.4 cm), malleable shaft, 15 French (5 mm)

14-4-18 MAYO Common Duct Probe 10" (25.4 cm), malleable shaft, 18 French (6 mm)

14-8 BAKES Common Duct Dilator Set; fitted plastic case containing 9 dilators sizes 3 to 11 mm, malleable shafts

BAKES COMMON DUCT DILATORS 6 3/4" (22.2 cm), single sizes, malleable shafts

14-10-3 3 mm dia.

14-10-4 4 mm dia.

14-10-5 5 mm dia.

14-10-6 6 mm dia.

14-10-7 7 mm dia.

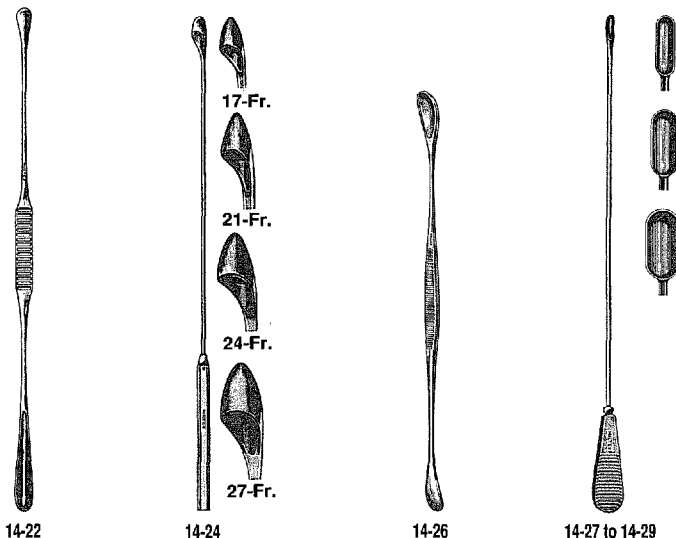
14-10-8 8 mm dia.

14-10-9 9 mm dia.

14-10-10 10 mm dia.

14-10-11 11 mm dia.

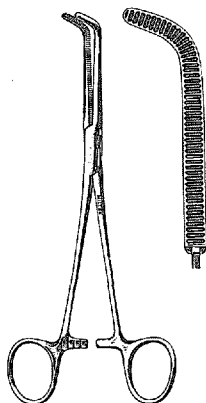
14-12 MIXTER Irrigating Dilaprobe 12" (30.5 cm), malleable, with Luer Lock, silver plated



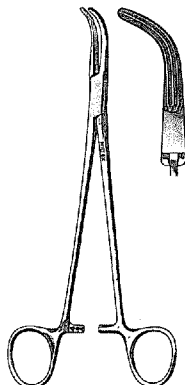
- 14-22** MAYO Gall Stone Scoop 11" (27.9 cm), double end
- 14-24-17** DESJARDIN Gall Stone Scoop 11" (27.9 cm), malleable shaft, 17 French (5.7 mm)
- 14-24-21** DESJARDIN Gall Stone Scoop 11" (27.9 cm), malleable shaft, 21 French (7 mm)
- 14-24-24** DESJARDIN Gall Stone Scoop 11" (27.9 cm), malleable shaft, 24 French (8 mm)
- 14-24-27** DESJARDIN Gall Stone Scoop 11" (27.9 cm), malleable shaft, 27 French (9 mm)
- 14-26-L** FERGUSON Gall Stone Scoop 9½" (24.1 cm), double end, large size scoops
½" (1.3 cm) x 1¼" (3.2 cm) and 7/16" (1.1 cm) x 1" (2.5 cm)
- 14-26-M** FERGUSON Gall Stone Scoop 9½" (24.1 cm), double end, medium size scoops
½" (1.3 cm) x 1½" (2.8 cm) and ¾" (.95 cm) x 1" (2.5 cm)
- 14-26-S** FERGUSON Gall Stone Scoop 9½" (24.1 cm), double end, small size scoops
¾" (.95 cm) x 1" (2.5 cm) and 9/16" (.79 cm) x ¾" (1.9 cm)
- 14-27** MAYO Common Duct Scoop 10½" (26.7 cm), malleable shaft, small size, silver plated
- 14-28** MAYO Common Duct Scoop 10½" (26.7 cm), malleable shaft, medium size, silver plated
- 14-29** MAYO Common Duct Scoop 10½" (26.7 cm), malleable shaft, large size, silver plated



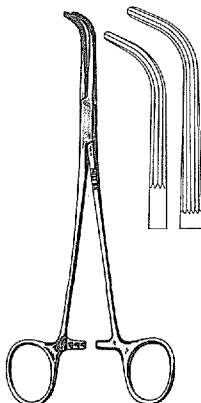
Gall Bladder Instruments



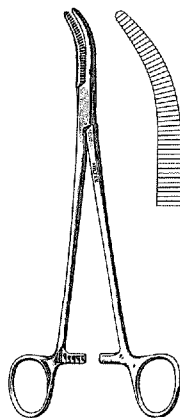
7-200
7-202



14-46

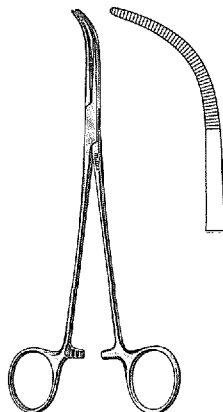


14-48
14-49

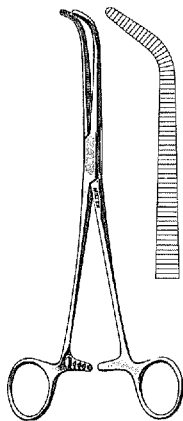


14-50

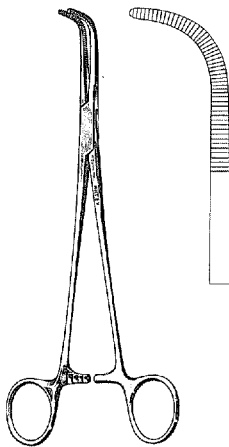
- 7-200 MIXTER Gall Duct Forceps 6 1/4" (15.9 cm)
- 7-202 MIXTER Gall Duct Forceps 7 1/4" (18.4 cm)
- 14-46 LOWER Gall Duct Forceps 7" (17.8 cm)
- 14-48 LAHEY Gall Duct Forceps 7 1/2" (19.1 cm)
- 14-49 LAHEY Gall Duct Forceps 9" (22.9 cm)
- 14-50 MOYNIHAN Gall Duct Forceps 8 1/2" (21.6 cm)
- 14-51 GREEN Cystic Duct Forceps 8 1/2" (21.6 cm), delicate



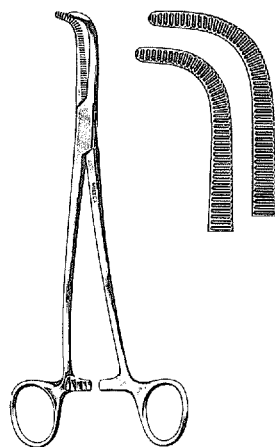
14-51



14-52

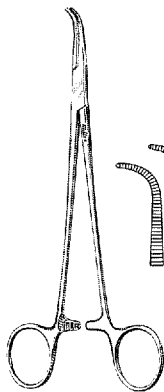


7-206

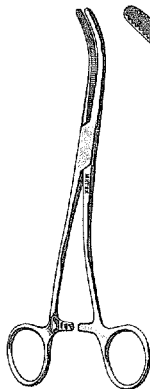
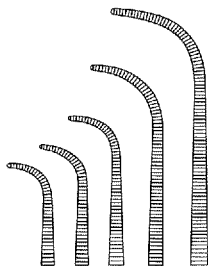


14-56

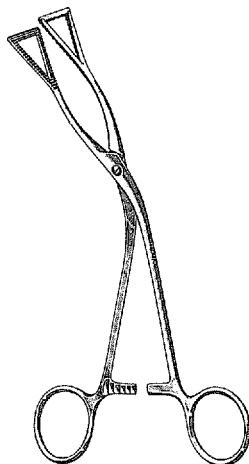
14-52	JOHNS HOPKINS Gall Bladder Forceps 8" (20.3 cm)
7-206	MIXTER Gall Bladder Forceps 9" (22.9 cm)
14-56	GRAY Cystic Duct Forceps 9" (22.9 cm), serrated, set of two



7-255 to 7-259

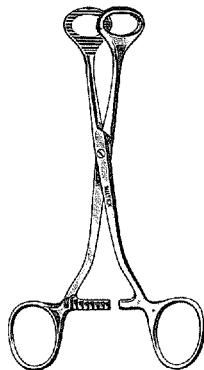


14-62

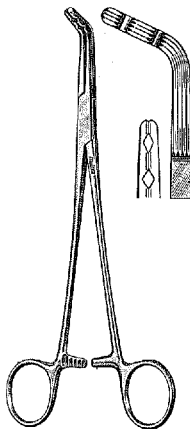


14-66

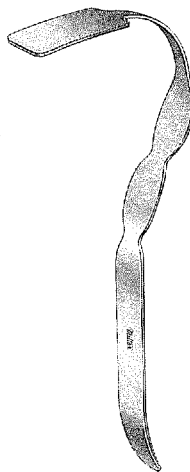
7-255	GEMINI-MIXTER Forceps 5½" (14 cm), delicate
7-256	GEMINI-MIXTER Forceps 7" (17.8 cm), delicate
7-257	GEMINI-MIXTER Forceps 8" (20.3 cm), delicate
7-258	GEMINI-MIXTER Forceps 9" (22.9 cm), delicate
7-259	GEMINI-MIXTER Forceps 11" (27.9 cm), delicate
14-62	SHALLCROSS Cystic Duct Forceps 7" (17.8 cm)
14-66	LOVELACE Gall Bladder Forceps 7¼" (18.4 cm), angular, 1" (2.5 cm) wide jaws



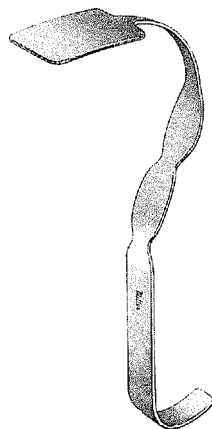
2-50



14-69



11-192



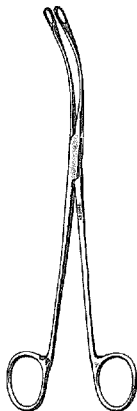
11-194

- 2-50** COLLIN (JUDD-DeMARTEL) Gall Bladder Forceps 6" (15.2 cm)
- 14-69** MALIK Cystic Duct Catheter Clamp for Cholangiography 8½" (21.6 cm), jaws are designed to hold different sizes of catheters.
- 11-192** JUNG Mini-Chole Retractor 10½" (26. cm), 3 cm width blade
- 11-194** JUNG Mini-Chole Retractor 9" (22.9 cm), 4 cm width blade
- 11-196** JUNG Mini-Chole Retractors, set of 2 each of 3 cm width blade and 1 each of 4 cm width blade

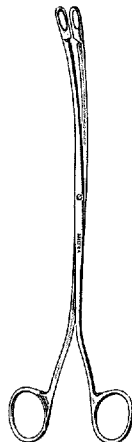
For a full line of Retractors see pages 151 - 187



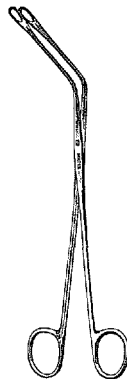
Gall Bladder Instruments



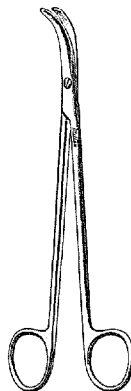
14-84
14-86



14-88

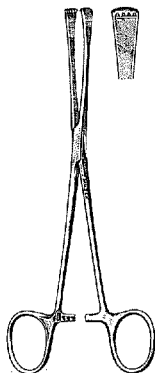


14-90

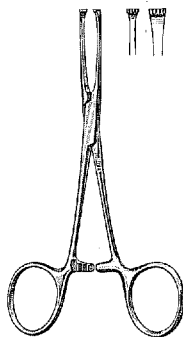


5-244
5-245

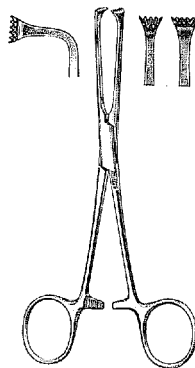
14-84	BLAKE Gall Stone Forceps 8½" (21.6 cm), straight
14-86	BLAKE Gall Stone Forceps 8½" (21.6 cm), curved
14-88	DESJARDIN (ROCHESTER) Gall Stone Forceps 9" (22.9 cm)
14-90	MIXTER Gall Stone Forceps 9" (22.9 cm), length from tip to angle 3" (7.6 cm)
5-244	THOREK Gall Bladder Scissors 7¼" (18.4 cm), full curve
5-245	THOREK Gall Bladder Scissors 10" (25.4 cm), full curve



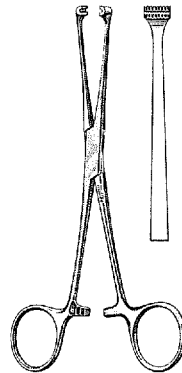
16-2



16-3
16-4



16-6 to 16-24



16-25
16-26

16-2 LOCKWOOD-ALLIS Tissue Forceps 6¼" (15.9 cm)

16-3 Baby ALLIS Tissue Forceps 5" (12.7 cm), 4 x 5 teeth, extra delicate jaws 2.5 mm wide

16-4 Baby ALLIS Tissue Forceps 5½" (14 cm), 4 x 5 teeth, delicate jaws 4 mm wide

16-6 ALLIS Tissue Forceps 6" (15.2 cm), 4 x 5 teeth

16-8 ALLIS Tissue Forceps 6" (15.2 cm), 5 x 6 teeth

16-10 ALLIS Tissue Forceps 7¼" (18.4 cm), 5 x 6 teeth

16-12 ALLIS Tissue Forceps 10" (25.4 cm), 5 x 6 teeth

16-20 ALLIS Tissue Forceps 6" (15.2 cm), 4 x 5 teeth, angular jaws

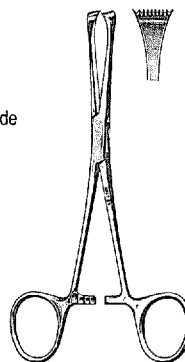
16-22 ALLIS Tissue Forceps 6" (15.2 cm), 5 x 6 teeth, angular jaws

16-24 ALLIS Tissue Forceps 7¼" (18.4 cm), 5 x 6 teeth, angular jaws

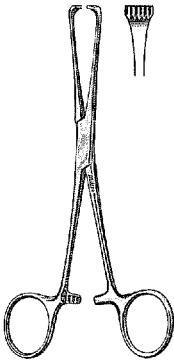
16-25 ALLIS-NC Tissue Forceps 6" (15.2 cm), with double row of non-traumatic teeth

16-26 ALLIS-NC Tissue Forceps 7¼" (18.4 cm), with double row of non-traumatic teeth

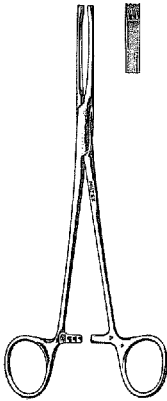
16-30 ALLIS-ADAIR Tissue Forceps 6½" (16.5 cm), 9 x 10 teeth



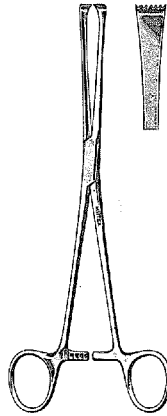
16-30



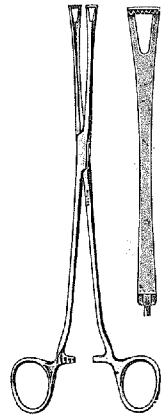
16-31



16-33
16-34

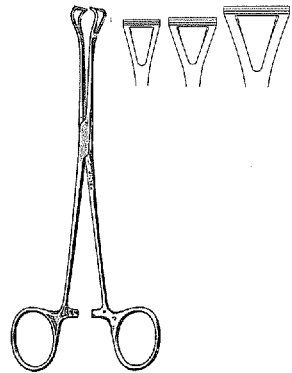


16-38

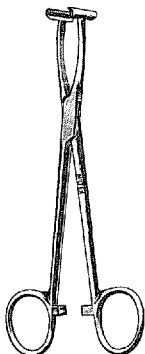


16-40

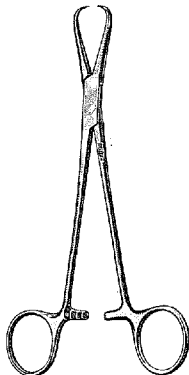
- 16-31** BOYS-ALLIS Tissue Forceps 6" (15.2 cm), 5 x 6 teeth, heavy pattern
- 16-33** JUDD-ALLIS Tissue Forceps 6" (15.2 cm), 3 x 4 teeth, delicate
- 16-34** JUDD-ALLIS Tissue Forceps 7½" (19.1 cm), 3 x 4 teeth, delicate
- 16-38** THOMS-ALLIS Tissue Forceps 8" (20.3 cm), 6 x 7 teeth
- 16-40** LOCKWOOD Tissue Forceps 7¾" (19.7 cm)
- 16-42** Baby BABCOCK Intestinal Forceps 5½" (14 cm), delicate jaws 6 mm wide
- 16-44** BABCOCK Intestinal Forceps 6¼" (15.9 cm), jaws 9 mm wide
- 16-46** BABCOCK Intestinal Forceps 8¼" (21 cm), jaws 10 mm wide
- 16-48** BABCOCK Intestinal Forceps 9½" (24.1 cm), jaws 15 mm wide



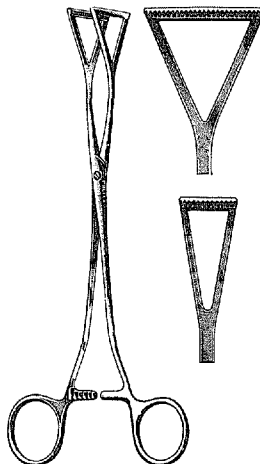
16-42 to 16-48



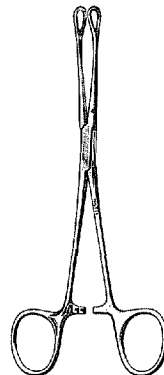
7-106



16-51

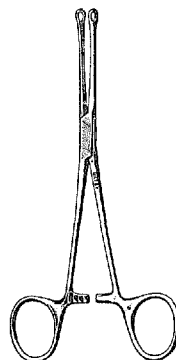


16-52
16-54

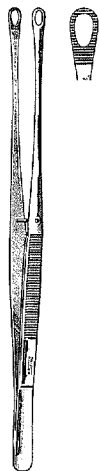


16-56

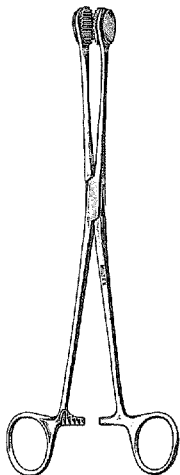
- 7-106 PRATT T-Clamp 6" (15.2 cm)
- 16-51 ADAIR Tissue Holding Tenaculum Forceps 6½" (16.5 cm)
- 16-52 COLLIN Intestinal Forceps 8" (20.3 cm), with ½" (1.3 cm) wide jaws
- 16-54 COLLIN Intestinal Forceps 8" (20.3 cm), with 1" (2.5 cm) wide jaws
- 16-56 WILLIAMS Intestinal Forceps 6½" (16.5 cm), cross serrated jaws
- 16-62 PERCY Intestinal Forceps 6" (15.2 cm), serrated jaws



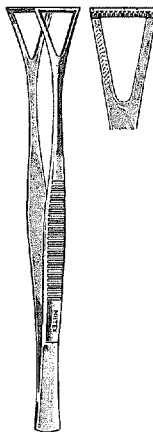
16-62



6-214



16-70

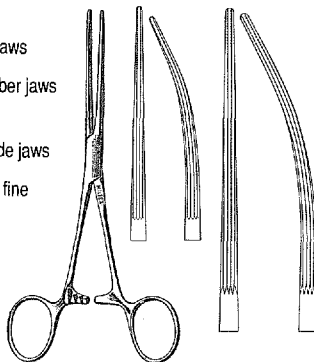


16-72

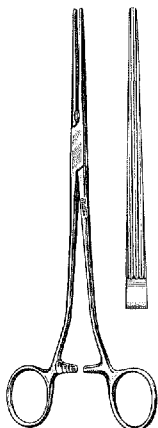


16-80

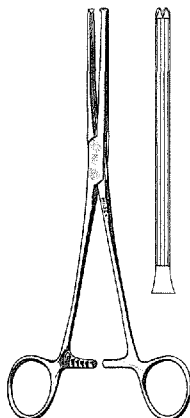
- 6-214 SINGLEY Tissue Forceps 9" (22.9 cm), with fenestrated serrated jaws
- 16-70 CHILD Intestinal Forceps 9 3/4" (24.8 cm), with interchangeable rubber jaws
- 2-62 Replacement Rubber Jaws for No. 16-70 forceps
- 16-72 COLLIN-DUVAL Tissue Forceps 8" (20.3 cm), with 1/2" (1.3 cm) wide jaws
- 16-80 WANGENSTEEN Tissue Forceps 9" (22.9 cm), rounded jaws with fine cross serrations
- 7-230 BAINBRIDGE Intestinal Forceps 6" (15.2 cm), straight, longitudinal serrations with cross tip serrations
- 7-232 BAINBRIDGE Intestinal Forceps 6" (15.2 cm), curved, longitudinal serrations with cross tip serrations
- 7-234 BAINBRIDGE Intestinal Forceps 7 1/4" (18.4 cm), straight, longitudinal serrations with cross tip serrations
- 7-236 BAINBRIDGE Intestinal Forceps 7 1/4" (18.4 cm), curved, longitudinal serrations with cross tip serrations



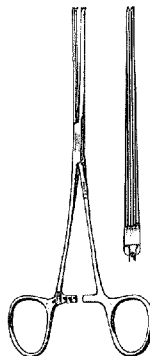
7-230 to 7-236



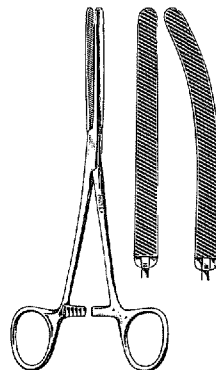
16-99



16-100



16-102



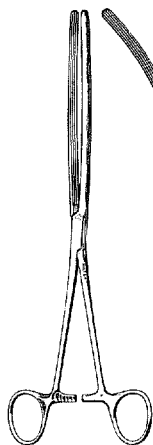
16-108

16-110

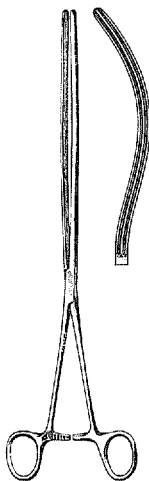
- 16-99** DENNIS Anastomosis Clamp 9" (22.9 cm), longitudinal serrations
- 16-100** ALLEN Intestinal Clamp 8" (20.3 cm), longitudinal serrations with 1 x 2 teeth
- 16-102** Baby ALLEN Intestinal Clamp 6½" (16.5 cm), delicate, longitudinal serrations with 1 x 2 teeth
- 16-108** Baby DOYEN Intestinal Forceps 6½" (16.5 cm), straight, flexible blades with diagonal serrations
- 16-110** Baby DOYEN Intestinal Forceps 6½" (16.5 cm), curved, flexible blades with diagonal serrations



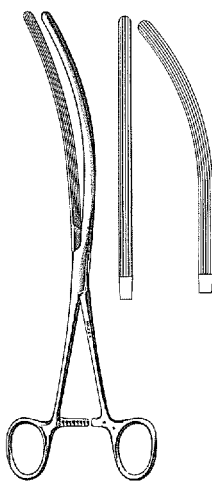
Intestinal Instruments



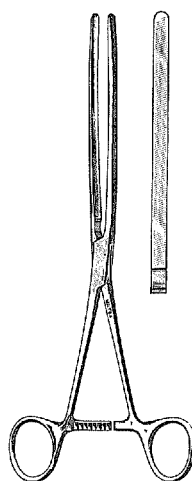
16-160
16-162



16-120
16-122

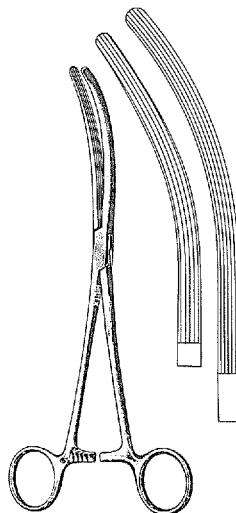


16-130
16-132

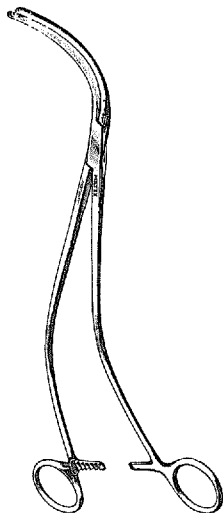


16-140

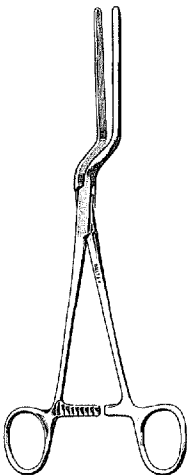
- 16-160** DOYEN Intestinal Forceps 9" (22.9 cm), straight, flexible blades with longitudinal serrations
- 16-162** DOYEN Intestinal Forceps 9" (22.9 cm), curved, flexible blades with longitudinal serrations
- 16-120** KOCHER Intestinal Forceps 10½" (26.7 cm), straight, longitudinal serrations
- 16-122** KOCHER Intestinal Forceps 10½" (26.7 cm), curved, longitudinal serrations
- 16-130** MAYO-ROBSON Intestinal Forceps 10" (25.4 cm), straight, longitudinal serrations
- 16-132** MAYO-ROBSON Intestinal Forceps 10" (25.4 cm), curved, longitudinal serrations
- 16-140** SCUDDER Intestinal Forceps 9½" (24.1 cm), straight, smooth solid blades
- 30-1805** PEAN Intestinal Forceps 9" (22.9 cm), curved, with longitudinal serrations
- 30-1815** PEAN Intestinal Forceps 10¼" (26 cm), curved, with longitudinal serrations



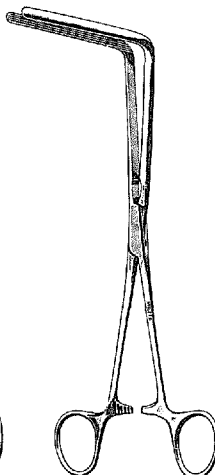
30-1805
30-1815



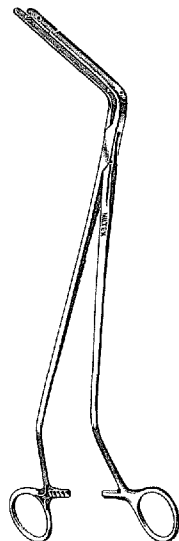
16-170



16-172

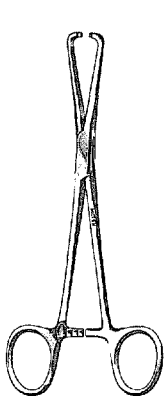


16-174



16-176

- 16-170 FOSS Anterior Resection Clamp 11½" (29.2 cm), S-shape with smooth jaws
- 16-172 BRUNNER Intestinal Forceps 9½" (24.1 cm), longitudinal serrations
- 16-174 FEHLAND Intestinal Clamp 9¾" (24.8 cm), right angle with ¾" (8.3 cm) long jaws
- 16-176 FOSS Intestinal Clamp 11¾" (29.8 cm), right angle with heavy jaws



16-198



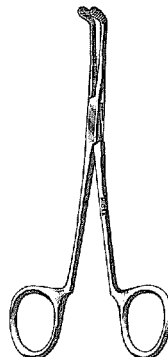
16-192



16-194



16-196



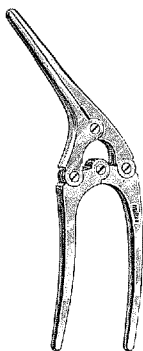
16-208

16-190-3

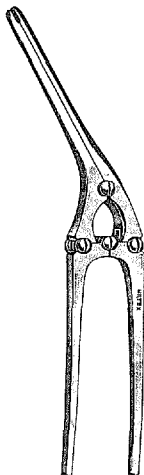
16-190-4

STONE INTESTINAL CLAMPS

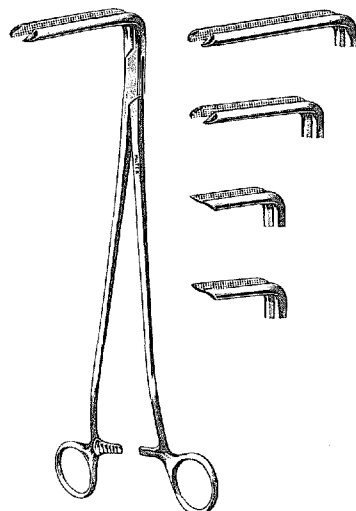
- 16-190-3** STONE Clamp Set, including 2 applying forceps and 2 clamps 3" (7.6 cm) with locking devices
- 16-190-4** STONE Clamp Set, including 2 applying forceps and 2 clamps 4" (10.2 cm) with locking devices
- 16-192** STONE Intestinal Clamp 3" (7.6 cm) with locking device
- 16-194** STONE Intestinal Clamp 4" (10.2 cm) with locking device
- 16-196** Locking Device only for STONE Clamps
- 16-198** STONE Clamp Applying Forceps 6 1/4" (15.9 cm)
- 16-208** BENSON Pylorus Separator 5 3/4" (14.6 cm)



16-229



16-230 to 16-234



16-250 to 16-256

- 16-229 Baby PAYR Pylorus Clamp 6" (15.2 cm)
- 16-230 PAYR Pylorus Clamp 8" (20.3 cm)
- 16-232 PAYR Pylorus Clamp 11" (27.9 cm)
- 16-234 PAYR Pylorus Clamp 13¾" (34.9 cm)
- 16-250 BEST Colon Clamp Set of 4, including 1 clamp 7.5 cm,
1 clamp 6 cm and 2 clamps 3.5 cm
- 16-252 BEST Colon Clamp 10½" (26.7 cm), with 3.5 cm jaws
- 16-254 BEST Colon Clamp 10½" (26.7 cm), with 6 cm jaws
- 16-256 BEST Colon Clamp 10½" (26.7 cm), with 7.5 cm jaws



Micro Surgery Instruments



17-100
17-115
17-215



17-100



17-115
17-215



17-500

PENCIL-TYPE MICRO INSTRUMENTS

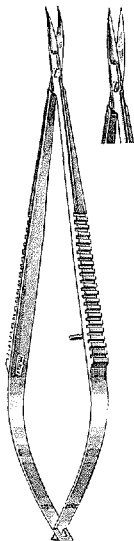
7 $\frac{1}{4}$ " (18.4 cm) overall length; extremely delicate working ends

17-100 Forceps, 1 mm wide serrated jaws, straight shaft

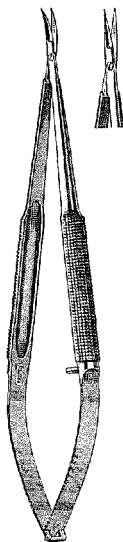
17-115 Scissors, 4 mm long blades, straight shaft

17-215 Scissors, 4 mm long blades, angled shaft

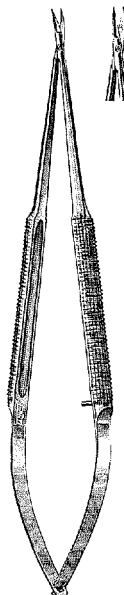
17-500 MILTEX Micro Dissecting Scissors 5 $\frac{1}{4}$ " (14.6 cm),
double action, sharp points, spring handle



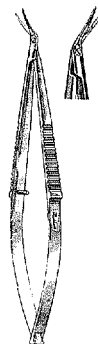
17-2060
17-2040



17-2150
17-2100



17-2160
17-2110



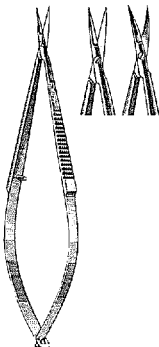
18-1558
18-1559

MILTEX MICRO SURGERY SCISSORS, sharp points

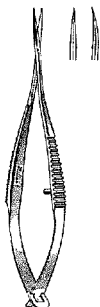
17-2060	6" (15.2 cm) straight, 8 mm blades, flat handles
17-2040	6" (15.2 cm) curved, 8 mm blades, flat handles
17-2150	6" (15.2 cm) straight, 6 mm blades, round handles
17-2100	6" (15.2 cm) curved, 6 mm blades, round handles
17-2160	7 1/8" (18.1 cm) straight, 6 mm blades, round handles
17-2110	7 1/8" (18.1 cm) curved, 6 mm blades, round handles
18-1558	CASTROVIEJO Corneal Scissors 4" (10.2 cm), right, sub-miniature for micro surgery, 6 mm blades
18-1559	CASTROVIEJO Corneal Scissors 4" (10.2 cm), left, sub-miniature for micro surgery, 6 mm blades



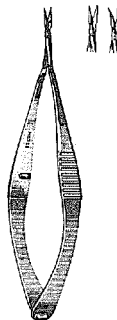
Micro Surgery Instruments



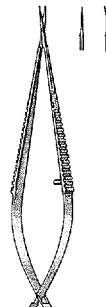
18-1618
18-1619



18-1625
18-1626

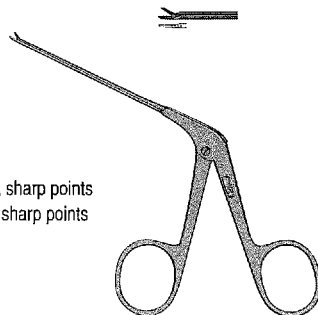


18-1630
18-1631



18-1633
18-1634

- 18-1618** Micro Iris Scissors 4" (10.2 cm), straight, sharp points
18-1619 Micro Iris Scissors 4" (10.2 cm), curved, sharp points
18-1625 McPHERSON-VANNAS Micro Iris Scissors 3 1/4" (8.3 cm), straight, sharp points
18-1626 McPHERSON-VANNAS Micro Iris Scissors 3 1/4" (8.3 cm), curved, sharp points
18-1630 Micro-VANNAS Scissors 3 1/4" (8.3 cm), straight, ultrafine blades
18-1631 Micro-VANNAS Scissors 3 1/4" (8.3 cm), curved, ultrafine blades
18-1633 Micro Scissors 3 1/4" (8.3 cm), straight, superfine blades
18-1634 Micro Scissors 3 1/4" (8.3 cm), curved, superfine blades
19-2150-B BELLUCCI Micro Ear Scissors 2 3/4" (7 cm) shaft, 4 mm blades, ebony finish



19-2150-B



17-301



17-302



17-303



17-303C



17-303X



17-304

SWISS JEWELER STYLE FORCEPS Non-Magnetic Stainless Steel

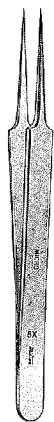
- 17-301 Style 1, fine, 4 3/4" (12.1 cm)
- 17-302 Style 2, strong, fine, 4 3/4" (12.1 cm)
- 17-303 Style 3, narrow, fine, 4 3/4" (12.1 cm)
- 17-303C Style 3C, narrow, fine, 4 3/8" (11.2 cm)
- 17-303X Style 3, micro-fine, 4 3/4" (12.1 cm)
- 17-304 Style 4, fine, 4 3/8" (11.2 cm)
- 17-305 Style 5, super fine, 4 3/8" (11.2 cm)



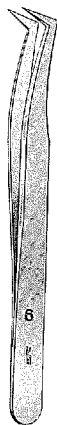
17-305



Micro Surgery Instruments



17-305X



17-306



17-307



17-307X

SWISS JEWELER STYLE FORCEPS Non-Magnetic Stainless Steel

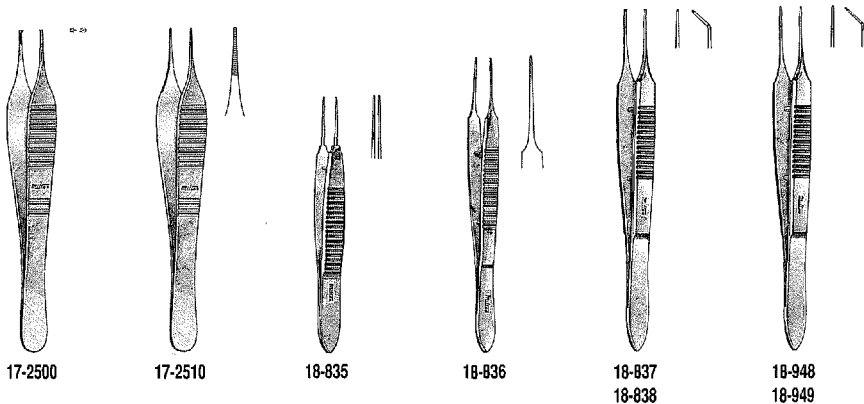
- 17-305X Style 5, micro-fine, 4 $\frac{1}{2}$ " (11.2 cm)
- 17-306 Style 6, pickup, 4 $\frac{1}{2}$ " (11.4 cm)
- 17-307 Style 7, fine curved, 4 $\frac{1}{2}$ " (11.4 cm)
- 17-307X Style 7, micro-fine, curved, 4 $\frac{1}{2}$ " (11.4 cm)
- 17-1100 RHOTON Micro Suture Forceps 7" (17.8 cm), straight, with 0.7 mm tying platform
- 17-1150 RHOTON Micro Forceps 7" (17.8 cm), straight, 0.3 mm tips



17-1100



17-1150



- 17-2500** Micro ADSON Tissue Forceps 4¾" (12.1 cm), jaws 0.5 mm wide, 1 x 2 teeth
- 17-2510** Micro ADSON Dressing Forceps 4¾" (12.1 cm), serrated jaws 0.5 mm wide
- 18-835** BONN Micro Suturing Forceps 2¾" (7 cm), 1 x 2 teeth 0.12 mm, with tying platform
- 18-836** BONN Micro Suturing Forceps 3¾" (9.5 cm), 1 x 2 teeth 0.12 mm, with tying platform
- 18-837** McPHERSON Micro Suturing Forceps 3½" (8.9 cm), straight, 1 x 2 teeth 0.2 mm, with tying platform
- 18-838** McPHERSON Micro Suturing Forceps 3½" (8.9 cm), angled, 1 x 2 teeth 0.2 mm, with tying platform
- 18-948** McPHERSON Micro Iris Suturing Forceps 3½" (8.9 cm), straight, smooth platform 0.3 x 5 mm, no teeth
- 18-949** McPHERSON Micro Iris Suturing Forceps 3½" (8.9 cm), angled, smooth platform 0.3 x 5 mm, no teeth



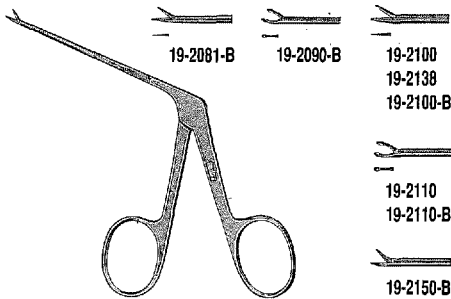
Micro Surgery Instruments



18-867

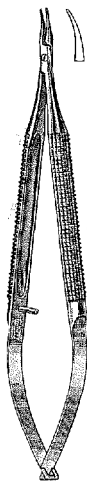


18-953

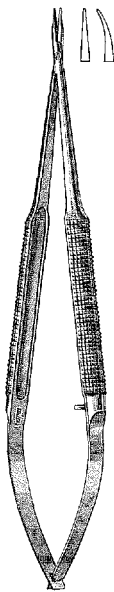


19-2081-B to 19-2150-B

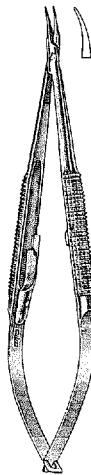
- 18-867** BISHOP-HARMON Micro Tissue Forceps $3\frac{3}{8}$ " (8.6 cm), delicate 0.3 mm 1 x 2 teeth
- 18-953** CASTROVIEJO Micro Suturing Forceps 4" (10.2 cm), with 11 mm wide handles, 1 x 2 teeth 0.12 mm, with tying platform
- 19-2081-B** Micro Alligator Ear Forceps $3\frac{1}{4}$ " (8.3 cm) shaft, serrated jaws 0.6 mm wide, ebony finish
- 19-2100** Micro Alligator Ear Forceps $3\frac{1}{4}$ " (8.3 cm) shaft, serrated jaws 0.8 mm wide
- 19-2100-B** Micro Alligator Ear Forceps $3\frac{1}{4}$ " (8.3 cm) shaft, serrated jaws 0.8 mm wide, ebony finish
- 19-2090-B** Micro Alligator Ear Forceps $3\frac{1}{4}$ " (8.3 cm) shaft, oval cup jaws 0.5 mm wide, ebony finish
- 19-2110** Micro Alligator Ear Forceps $3\frac{1}{4}$ " (8.3 cm) shaft, oval cup jaws 0.8 mm wide
- 19-2110-B** Micro Alligator Ear Forceps $3\frac{1}{4}$ " (8.3 cm) shaft, oval cup jaws 0.8 mm wide, ebony finish
- 19-2138** HOUSE Micro Strut Forceps $2\frac{3}{4}$ " (7 cm) shaft, smooth jaws 0.8 mm wide
- 19-2150-B** BELLUCCI Micro Ear Scissors, $2\frac{3}{4}$ " (7 cm) shaft, 4 mm blades, ebony finish



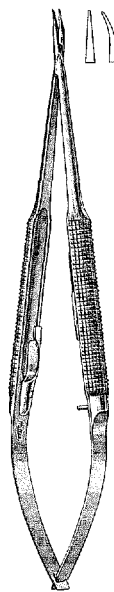
17-1000



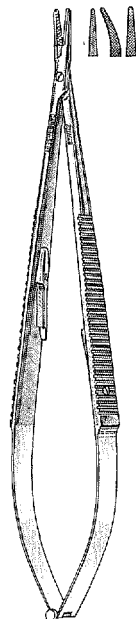
17-980
17-1010



17-1020



17-1024
17-1025



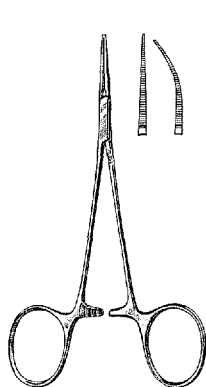
17-1090TC
to 17-1092TC

MILTEX MICRO SURGERY NEEDLE HOLDERS with round handle, 0.6 mm tips

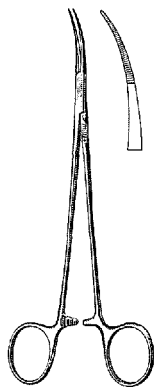
17-1000	5 1/4" (13.3 cm) curved jaws
17-980	7 1/8" (18.1 cm) straight jaws
17-1010	7 1/8" (18.1 cm) curved jaws
17-1020	5 1/4" (13.3 cm) curved jaws, with lock
17-1024	7 1/8" (18.1 cm) straight jaws, with lock
17-1025	7 1/8" (18.1 cm) curved jaws, with lock
17-1090TC	JACOBSON Microvascular Needle Holder 7" (17.8 cm), straight, with lock, with CARB-N-SERT jaws
17-1091TC	JACOBSON Microvascular Needle Holder 7" (17.8 cm), curved, with lock, with CARB-N-SERT jaws
17-1092TC	JACOBSON Microvascular Needle Holder 8 1/2" (21.6 cm), straight, with lock, with CARB-N-SERT jaws



Micro Surgery Instruments



17-2600
17-2602



17-2603



17-4000



17-4005



17-4010



17-4015



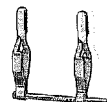
17-4050



17-4060



17-4070



17-4030

- 17-2600** JACOBSON Micro Mosquito Forceps 5" (12.7 cm), straight, extremely delicate
- 17-2602** JACOBSON Micro Mosquito Forceps 5" (12.7 cm), curved, extremely delicate
- 17-2603** JACOBSON Hemostatic Forceps 7" (17.8 cm), curved, extremely delicate

MICRO VESSEL CLIPS

17-4000	straight 0.75 x 4 mm jaws	17-4050	slightly curved 1 x 6 mm jaws
17-4005	straight 0.8 x 6 mm jaws	17-4060	fully curved 1 x 6 mm jaws
17-4010	straight 1 x 8 mm jaws	17-4070	45° angle 1 x 6 mm jaws
17-4015	straight 1.5 x 10 mm jaws		
17-4030	Micro Clip Approximator Set, 2 x 6 mm jaws, 15 mm spread		
17-4100	Applying Forceps for Micro Clips 5 3/4" (14.6 cm), with lock		
17-4102	Applying Forceps for Micro Clips 5 1/2" (14 cm)		



17-4100



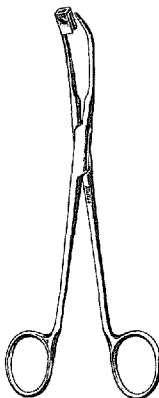
17-4102



7-310



7-315



26-1040



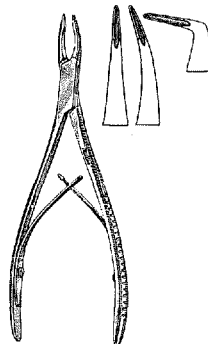
26-1041



26-1042



26-1043



17-4800

17-4801

17D-4802

7-310 DIETHRICH Micro Bulldog Clamp 1 7/8" (4.7 cm), straight jaws 8 mm x 1.2 mm

7-315 DIETHRICH Micro Bulldog Clamp 1 3/4" (4.4 cm), angled jaws 8 mm x 1.2 mm

26-1040 SCHWARTZ Clip Applying Forceps 8" (20.3 cm)

26-1041 SCHWARTZ Vessel Clip 1" (2.5 cm), straight, jaws 1.7 x 8 mm

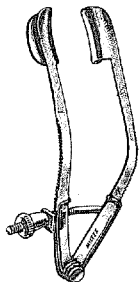
26-1042 SCHWARTZ Vessel Clip 1" (2.5 cm), slightly angled, jaws 1.7 x 8 mm

26-1043 SCHWARTZ Vessel Clip 1" (2.5 cm), strong angle, jaws 1.7 x 8 mm

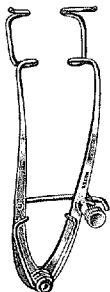
17-4800 Micro FRIEDMAN Rongeur 5 1/2" (14 cm), straight 1.3 mm wide jaws, very delicate

17-4801 Micro FRIEDMAN Rongeur 5 1/2" (14 cm), curved 1.3 mm wide jaws, very delicate

17D-4802 Micro FRIEDMAN Rongeur 5 1/2" (14 cm), 90° angled 1.3 mm wide jaws, very delicate



18-2



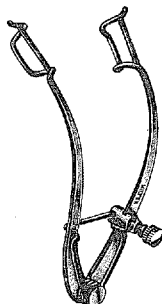
18-4



18-10 to 18-14



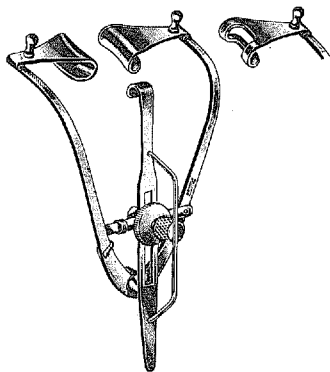
18-20



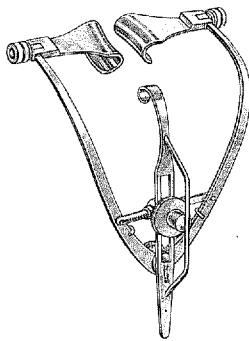
**18-22
18-24**

- 18-2** LANCASTER Eye Speculum $3\frac{1}{4}"$ (8.3 cm), blades 15 x 5 mm
- 18-4** KNAPP Eye Speculum $3\frac{1}{4}"$ (8.3 cm), blades 15 x 6 mm
- 18-10** CASTROVIEJO Eye Speculum 4" (10.2 cm), large blades 18 x 5 mm O.D.
- 18-12** CASTROVIEJO Eye Speculum $3\frac{3}{4}"$ (9.5 cm), medium blades 15 x 5 mm O.D.
- 18-14** CASTROVIEJO Eye Speculum $3\frac{3}{4}"$ (9.5 cm), small blades 13 x 5 mm O.D.
- 18-20** LANGE Eye Speculum $3\frac{5}{8}"$ (9.2 cm), blades 20 x 5 mm
- 18-22** WILLIAMS Eye Speculum $3\frac{1}{4}"$ (8.3 cm), large blades 15 x 5 mm
- 18-24** WILLIAMS Eye Speculum $2\frac{3}{4}"$ (7 cm), small blades 11 x 5 mm

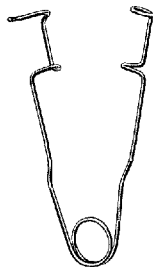
NOTE: All above instruments are Non-Magnetic



18-30
18-32



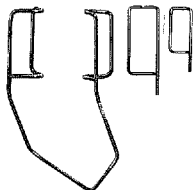
18-33



18-34

- 18-30** GUYTON-PARK Eye Speculum 3½" (8.9 cm), solid blades 14 mm wide, with suture posts
- 18-32** GUYTON-PARK Eye Speculum 3½" (8.9 cm), fenestrated blades 14 mm wide, with suture posts
- 18-33** MAUMENEE-PARK Eye Speculum 3½" (8.9 cm), solid blades 14 mm wide, with lock screws
- 18-34** Plain Wire Eye Speculum 2½" (6.4 cm), blades 15 mm wide

NOTE: All above instruments are Non-Magnetic



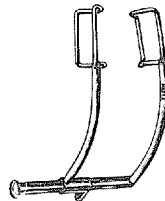
18-35
18-36



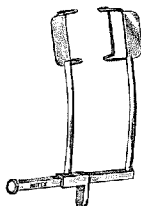
18-46



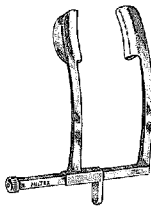
18-47



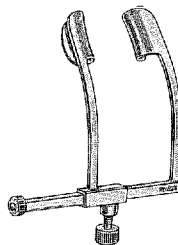
18-50



18-54



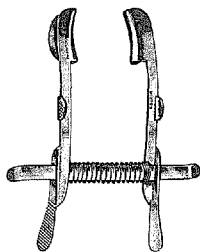
18-62



18-63
18-64

- 18-35** BARRAQUER Eye Speculum 1¼" (4.4 cm), large blades 15 mm wide
- 18-36** BARRAQUER Eye Speculum 1¼" (4.4 cm), small blades 10 mm wide
- 18-46** SMITH Eye Speculum 3" (7.6 cm), blades 15 mm wide, with concealed spring, chrome
- 18-47** SAUER Eye Speculum 1¼" (3.2 cm), infant size, 10 mm blades
- 18-50** MURDOCK Eye Speculum 2¼" (5.7 cm), blades 15 mm wide, chrome
- 18-54** WIENER Eye Speculum 2¼" (5.7 cm), blades 15 mm, with extensions to cover eye lashes, chrome
- 18-62** MCKINNEY Eye Speculum 2¼" (5.4 cm), blades 15 mm wide, chrome
- 18-63** COOK Eye Speculum 1½" (4.7 cm), infant size, 9 mm blades
- 18-64** COOK Eye Speculum 1½" (4.7 cm), child size, 11 mm blades

NOTE: All above instruments are Non-Magnetic



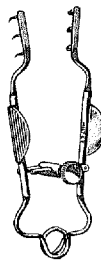
18-66



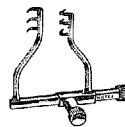
18-68



18-80

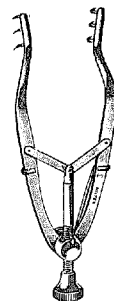


18-84



18-88

- 18-66** MELLINGER Eye Speculum $2\frac{3}{4}$ " (7 cm), solid blades 15 mm wide
- 18-68** MELLINGER Eye Speculum $2\frac{3}{4}$ " (7 cm), fenestrated blades 15 mm wide
- 18-80** AGRICOLA Lacrimal Sac Retractor $1\frac{1}{2}$ " (3.8 cm), 3 x 3 pointed prongs 4 mm deep
- 18-84** MELLER Lacrimal Sac Retractor $2\frac{7}{8}$ " (7.3 cm), 3 x 3 prongs 3 mm deep
- 18-88** GOLDSTEIN Lacrimal Sac Retractor $1\frac{1}{8}$ " (2.8 cm), 3 x 3 pointed prongs 5 mm deep
- 18-96** STEVENSON Lacrimal Sac Retractor $3\frac{1}{4}$ " (8.3 cm), 3 x 3 prongs 3 mm deep



18-96

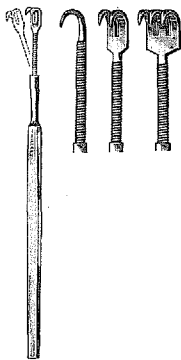
NOTE: All above instruments are Non-Magnetic



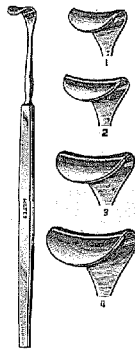
18-100
18-102



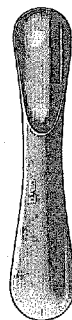
11D-27



11-30 to 11-34

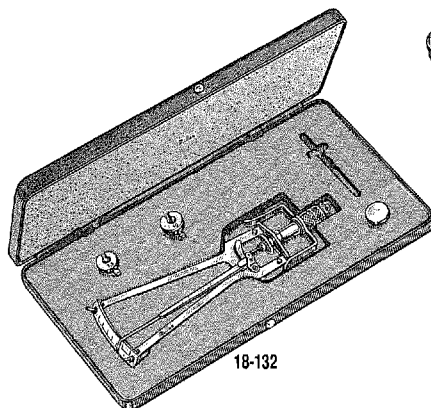


18-110 to 18-116

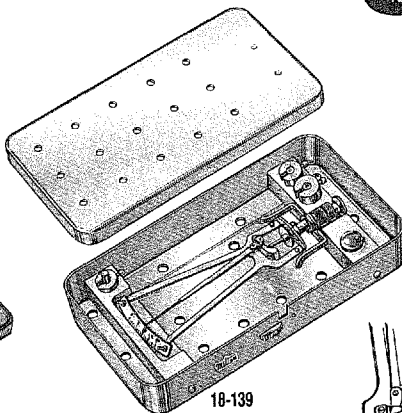


18-120

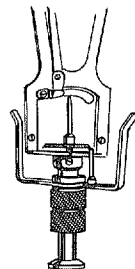
- 18-100 KNAPP (ROLLET) Retractor 5 1/4" (13.3 cm), with 4 sharp prongs
- 18-102 KNAPP Retractor 5 1/4" (13.3 cm), with 4 blunt prongs
- 11D-27 KNAPP Lacrimal Sac Retractor 5" (12.7 cm), flexible shaft, 3 sharp prongs
- 11-30 KNAPP Lacrimal Sac Retractor 6" (15.2 cm), flexible shaft, 1 sharp prong
- 11-32 KNAPP Lacrimal Sac Retractor 6" (15.2 cm), flexible shaft, 2 sharp prongs
- 11-34 KNAPP Lacrimal Sac Retractor 6" (15.2 cm), flexible shaft, 3 sharp prongs
- 18-110 DESMARRES Lid Retractor 5 1/2" (14 cm), size 1, 11 mm
- 18-112 DESMARRES Lid Retractor 5 1/2" (14 cm), size 2, 13 mm
- 18-114 DESMARRES Lid Retractor 5 1/2" (14 cm), size 3, 15 mm
- 18-116 DESMARRES Lid Retractor 5 1/2" (14 cm), size 4, 17 mm
- 18-120 JAEGER Lid Plate 4" (10.2 cm), blades 20 mm and 23 mm



18-132



18-139



18-132A
18-134A

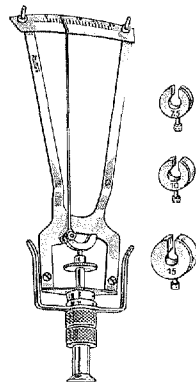
SCHIOTZ TONOMETERS

All units are constructed with jewelled hammers to minimize friction. Autoclavable. Scale markings are etched for accuracy. Scales are inclined, permitting reading from above.

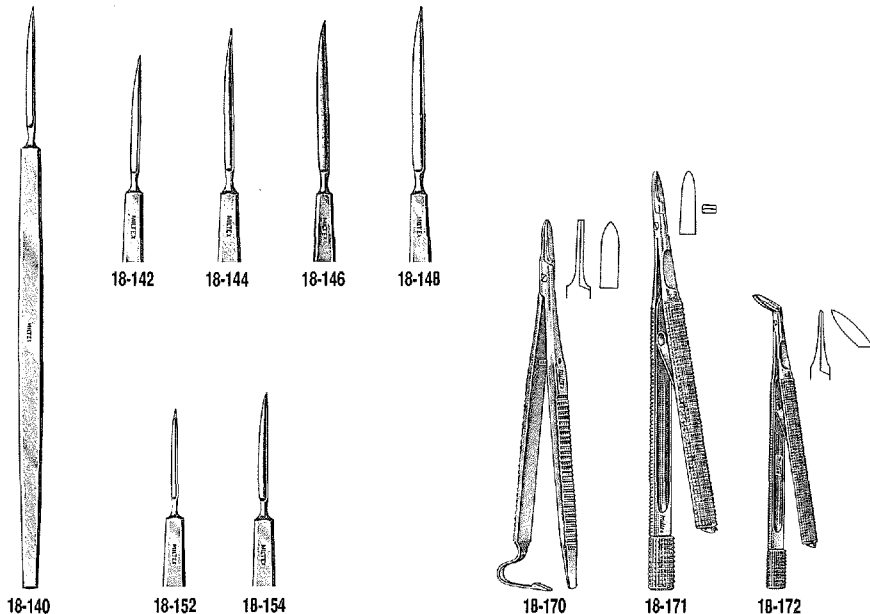
Each unit supplied with certification to meet specification established by the Committee on Standardization of Tonometers of the A.A.O.O. Individually packaged in fitted case with weights and test block.

- 18-132** Original Model, with 3 weights (5.5 gr., 7.5 gr. and 10 gr.) Plunger, Footplate and Test Block are stainless steel; remainder made of rustless materials
- 18-132A** Same as No. 18-132, but with Allen Plunger Retractor*
- 18-134** Improved Model, with 4 weights (5.5 gr., 7.5 gr., 10 gr. and 15 gr.), mirror insert on scale reduces error of parallax; entirely made of stainless steel.
- 18-134A** Same as No. 134, but with Allen Plunger Retractor*
- 18-139** Sterilizing Case for Schiotz Tonometers 6½" (16.5 cm) x 3½" (8.9 cm) x 1¼" (3.2 cm) fitted to firmly hold tonometer, weights and test block

*With the Allen Plunger Retractor, the plunger is held in retracted position, flush with the surface of the footplate until tonometer is in place on cornea. This feature will prevent any possible damage to cornea tissue.



18-134



- 18-140** VON GRAEFE Cataract Knife No. 1, 1.5 x 25 mm
- 18-142** VON GRAEFE Cataract Knife No. 2, 1.7 x 27 mm
- 18-144** VON GRAEFE Cataract Knife No. 3, 2 x 30 mm
- 18-146** VON GRAEFE Cataract Knife No. 4, 2.3 x 33 mm
- 18-148** VON GRAEFE Cataract Knife No. 5, 2.5 x 35 mm
- 18-152** WHEELER Discission Knife 1 x 18 mm
- 18-154** KNAPP Cataract Knife 1 x 20 mm
- 18-170** BARRAQUER Blade Breaker and Holder 4½" (11.4 cm), with ratchet lock
- 18-171** CASTROVIEJO Blade Breaker and Holder 5¼" (13.3 cm), with push-pull lock
- 18-172** TROUTMAN-BARRAQUER Mini Blade Breaker and Holder 3¾" (9.5 cm), angled jaws 3 x 10 mm, with push-pull lock



18-259 to 18-264



18-270



18-292



18-302



18-304



18-308



18-314



18-320

18-259 ZIEGLER Knife-Needle 4½" (11.4 cm), size 0, 3 mm blade

18-260 ZIEGLER Knife-Needle 4½" (11.4 cm), size 1, 5 mm blade

18-262 ZIEGLER Knife-Needle 4½" (11.4 cm), size 2, 6 mm blade

18-264 ZIEGLER Knife-Needle 4½" (11.4 cm), size 3, 7 mm blade

18-270 KNAPP Knife-Needle 4½" (11.4 cm), 5 mm blade

18-292 DEAN Knife-Needle 5" (12.7 cm), curved blade 1 x 7 mm

18-302 WALTER Corneal Spud 4¾" (11.8 cm), straight blade 4 mm

18-304 WALTER Corneal Spud 4¾" (11.8 cm), curved blade 4 mm

18-308 BOWMAN Needle with stop 4¾" (12.1 cm), straight blade 3 mm

18-314 VON GRAEFE (BECKER) Cystotome 4¾" (12.1 cm), 1 mm blade, right angle, malleable shaft

18-320 WILDER Cystotome 5" (12.7 cm), angled blade 3 mm edge

18-330 GILL Corneal Knife 4¾" (12.1 cm), slightly curved 3.5 mm wide blade

18-331 DESMARRES Corneal Dissector 4¾" (12.1 cm), 3 x 8 mm blade

18-344 BARKAN Goniotomy Knife 4½" (11.4 cm), 2.5 mm blade

18-350 TOOKE Corneal Knife 4½" (11.4 cm), 2.5 x 15 mm dissecting blade

18-370 Foreign Body Needle 5" (12.7 cm), 2 x 5 mm blade



18-330



18-331



18-344



18-350



18-370



18-372



18-374



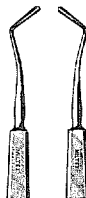
18-376



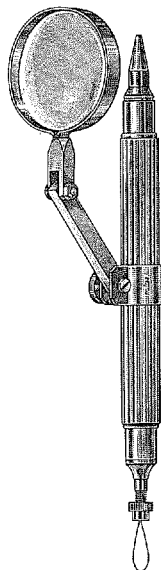
18-380



18-384



18-388
18-390

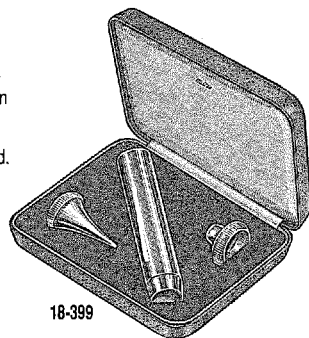


18-398M

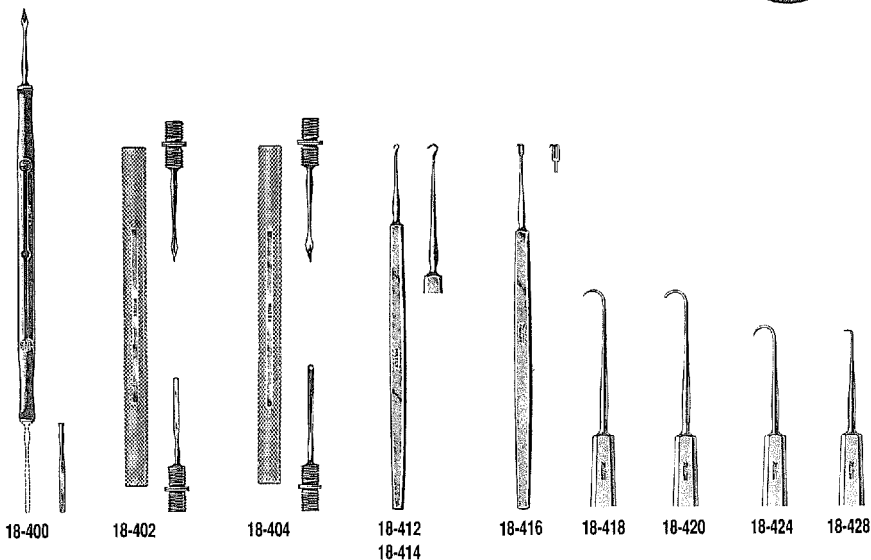


18-398

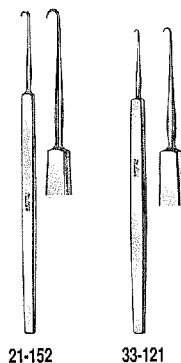
- 18-372** DAVIS Foreign Body Spud $4\frac{3}{4}"$ (12.1 cm), 0.8 mm blade
- 18-374** DIX Foreign Body Spud $4\frac{3}{4}"$ (12.1 cm), 1.7 x 15 mm blade
- 18-376** WALTON Foreign Body Gouge $4\frac{1}{2}"$ (11.4 cm), round end
- 18-380** ELLIS Foreign Body Spud $4\frac{1}{2}"$ (11.4 cm), 1.2 mm blade, curved
- 18-384** ALVIS Foreign Body Spud $4\frac{3}{4}"$ (12.1 cm), oval curette 1 x 3 mm with fine point
- 18-388** HOSFORD Foreign Body Spud $4\frac{3}{4}"$ (12.1 cm), gouge blade 1 x 7 mm rounded tip, angled to right
- 18-390** HOSFORD Foreign Body Spud $4\frac{3}{4}"$ (12.1 cm), gouge blade 1 x 7 mm rounded tip, angled to left
- 18-398** Eye Magnet and Foreign Body Loop. The magnet probe and the Perlon loop are reversible in the pencil-shape handle. In plastic case.
- 18-398M** Eye Magnet and Foreign Body Loop with adjustable Magnifier attached. Reversible plastic handle, metal parts are plated, in plastic case.
- 18-399** MILTEX Eye Magnet; a powerful magnetic cylinder with one round and one pointed interchangeable tip. In velvet lined steel case.

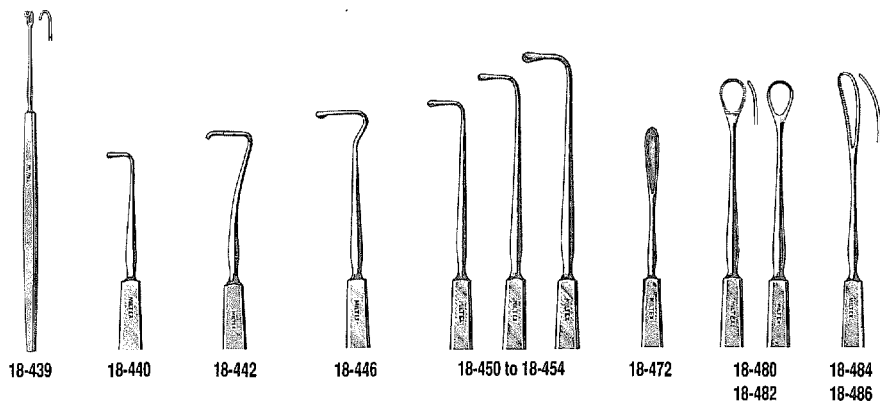


18-399

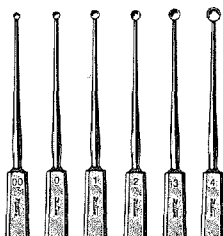


- 18-400** DIX Foreign Body Needle and Spud, protected in sliding handle
- 18-402** DIX Foreign Body Needle and Spud, protected in reversible screw handle
- 18-402A** DIX Foreign Body Needle with screw socket
- 18-402B** DIX Foreign Body Spud with screw socket
- 18-404** DIX Foreign Body Needle and Gouge, protected in reversible screw handle
- 18-412** TYRELL Hook 5" (12.7 cm), sharp
- 18-414** TYRELL Hook 5" (12.7 cm), blunt
- 18-416** GUTHRIE Fixation Hook 5" (12.7 cm), sharp double prongs 1.5 mm wide
- 18-418** WIENER Corneal Hook 5" (12.7 cm), sharp
- 18-420** WIENER Corneal Hook 5" (12.7 cm), blunt
- 18-424** O'CONNOR Hook 4¾" (12.1 cm), sharp
- 18-428** NUGENT Hook 4¾" (12.1 cm), right angle, sharp
- 21-152** MILTEX Hook 4¾" (12.1 cm), sharp prong 2 mm diameter
- 33-121** SELTZER Hook 4½" (11.4 cm), sharp point





- 18-439** McGANNON Retractor 5" (12.7 cm), fenestrated blade 2.5 mm wide
- 18-440** STEVENS Tenotomy Hook 5" (12.7 cm), right angle 5 mm deep
- 18-442** GREEN Strabismus Hook 5" (12.7 cm), 9 mm deep
- 18-446** JAMESON Strabismus Hook 5" (12.7 cm), 10 mm deep
- 18-450** VON GRAEFE Strabismus Hook 5½" (14 cm), small size 8 mm long
- 18-452** VON GRAEFE Strabismus Hook 5½" (14 cm), medium size 10 mm long
- 18-454** VON GRAEFE Strabismus Hook 5½" (14 cm), large size 11 mm long
- 18-472** DAVIEL Lens Spoon 5" (12.7 cm), 3 mm wide
- 18-480** LEWIS Lens Loop 5¼" (13.3 cm), serrated loop 5.5 x 8 mm
- 18-482** LEWIS Lens Loop 5¼" (13.3 cm), smooth loop 5.5 x 8 mm
- 18-484** WILDER Lens Loop 5¼" (13.3 cm), serrated loop 4 x 15 mm
- 18-486** WILDER Lens Loop 5¼" (13.3 cm), smooth loop 4 x 15 mm



18-498 to 18-506



18-510



18-512



18-514



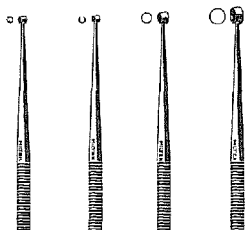
18-520



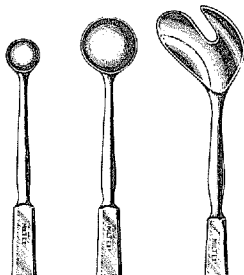
18-522



18-524



18-530 to 18-536



18-540

18-542

18-550

- 18-498 MEYHOEFER Chalazion Curette 5" (12.7 cm), size 00, 1 mm
- 18-499 MEYHOEFER Chalazion Curette 5" (12.7 cm), size 0, 1.5 mm
- 18-500 MEYHOEFER Chalazion Curette 5" (12.7 cm), size 1, 1.7 mm
- 18-502 MEYHOEFER Chalazion Curette 5" (12.7 cm), size 2, 2 mm
- 18-504 MEYHOEFER Chalazion Curette 5" (12.7 cm), size 3, 2.5 mm
- 18-506 MEYHOEFER Chalazion Curette 5" (12.7 cm), size 4, 3.5 mm

- 18-510 HEBRA Chalazion Curette 5" (12.7 cm), oval cup 1 x 1.7 mm
- 18-512 HEBRA Chalazion Curette 5" (12.7 cm), oval cup 2 x 3.3 mm
- 18-514 HEBRA Chalazion Curette 5" (12.7 cm), oval cup 2.5 x 4 mm

- 18-520 SKEELE Chalazion Curette 5" (12.7 cm), round cup 1 mm, serated edge

- 18-522 SKEELE Chalazion Curette 5" (12.7 cm), round cup 2 mm, serated edge

- 18-524 SKEELE Chalazion Curette 5" (12.7 cm), round cup 2.5 mm, serated edge

- 18-530 HEATH Chalazion Curette 4" (10.2 cm), size 0, one sharp and one blunt edge, ½ mm

- 18-532 HEATH Chalazion Curette 4" (10.2 cm), size 1, one sharp and one blunt edge, 1 mm)

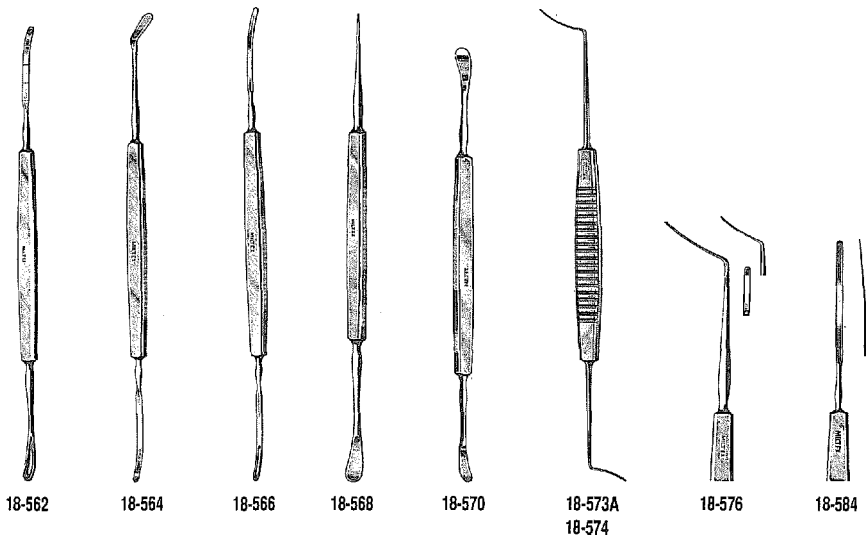
- 18-534 HEATH Chalazion Curette 4" (10.2 cm), size 2, one sharp and one blunt edge, 2 mm

- 18-536 HEATH Chalazion Curette 4" (10.2 cm), size 3, one sharp and one blunt edge, 3 mm

- 18-540 BUNGE Evisceration Spoon 5½" (14 cm), small size 8 mm cup

- 18-542 BUNGE Evisceration Spoon 5½" (14 cm), large size 11 mm cup

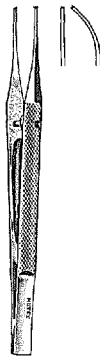
- 18-550 WELLS Enucleation Spoon 6" (15.2 cm), cup 21 mm



- 18-562** LINDNER Cyclodialysis Spoon and Spatula 5½" (14 cm), malleable spatula end is graduated
- 18-564** CASTROVIEJO Spatula 5½" (14 cm), double end 3.5 mm wide angled and 2 mm wide slightly curved, sterling
- 18-566** SMITH-FISHER Iris Spatula 5" (12.7 cm), one flat end 2 mm wide, one spoon end 2 mm, sterling
- 18-568** FISHER Spoon and Needle 5½" (14 cm), spoon end 7 x 15 mm, needle 33 mm long
- 18-570** GREEN Spatula 6" (15.2 cm), one end 4 x 14 mm, other end 5 x 16 mm
- 18-573A** CASTROVIEJO Cyclodialysis Spatula 5½" (13.3 cm), blades 10 mm and 15 mm x 0.75 mm wide
- 18-574** CASTROVIEJO Cyclodialysis Spatula 5½" (13.3 cm), blades 10 mm and 15 mm x 0.5 mm wide
- 18-576** CASTROVIEJO Cyclodialysis Spatula 5½" (13.3 cm), blade 10 x 1 mm
- 18-584** WECKER Iris Spatula 5" (12.7 cm), sterling blade 30 x 2 mm



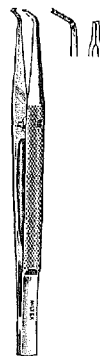
18-613



18-620
18-624

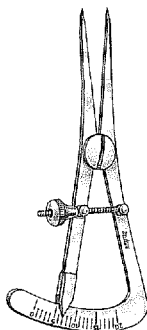


18-628



18-632

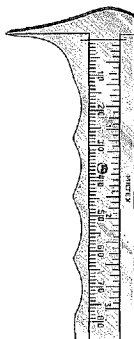
- 18-613** KIRBY Muscle Hook and Expressor 6" (15.2 cm), double end
- 18-620** KIRBY Iris Forceps 4" (10.2 cm), straight, 1 x 2 teeth
- 18-624** KIRBY Iris Forceps 4" (10.2 cm), curved, 1 x 2 teeth
- 18-628** KIRBY Fixation Forceps 4" (10.2 cm), straight 1 x 2 teeth, with slide lock
- 18-632** KIRBY Cornea-Scleral Forceps 4" (10.2 cm), angled tips with 1 x 2 teeth



18-650



18-657



18-658



18-660



18-666

- 18-650** CASTROVIEJO Caliper $3\frac{1}{4}"$ (8.3 cm), a combination measuring and marking caliper, graduated 0-20 mm
- 18-657** THORPE Caliper $4\frac{1}{2}"$ (11.4 cm), graduated in inches and mm, permits measurements in deep areas
- 18-658** JAMESON Caliper $3\frac{3}{4}"$ (9.5 cm), graduated in inches and mm, with thin tips, chrome
- 18-660** FLEXIBLE STAINLESS RULER 6" (15.2 cm) x $\frac{1}{2}"$ (1.3 cm), graduated in $\frac{1}{32}"$ (0.8 mm) fractions and mm
- 18-666** WADSWORTH-TODD Cautery $5\frac{3}{4}"$ (14.6 cm), copperhead 9 mm dia. with platinum point



18-680



18-688



18-691



18-692



18-694



18-696



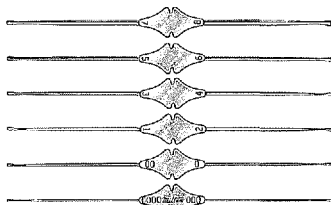
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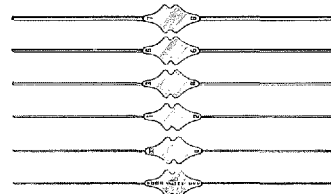
18-700



18-710 to 18-720



18-722 to 18-732



18-740 to 18-750

18-680

ZIEGLER Lacrimal Dilator 5½" (14 cm), double end

18-688

HOSFORD Lacrimal Dilator 4¾" (12.1 cm), double end

18-691

CASTROVIEJO Lacrimal Dilator, 5½" (14 cm), one end needle point, other end medium

18-692

MULDOON Lacrimal Dilator 4" (10.2 cm), with 3 mm straight tip to act as guide for tapered dilator

18-694

WILDER Lacrimal Dilator 4" (10.2 cm), fine taper

18-696

WILDER Lacrimal Dilator 4" (10.2 cm), medium taper

18-698

WILDER Lacrimal Dilator 4" (10.2 cm), heavy taper

18-700

RUEDEMANN Infant Lacrimal Dilator 3" (7.6 cm), very delicate, 0.5 mm dia. at tip

FRENCH PATTERN LACRIMAL PROBES 5" (12.7 cm)
Bayonet shape

18-710 size 00

18-716 size 2

18-712 size 0

18-718 size 3

18-714 size 1

18-720 size 4

WILLIAMS LACRIMAL PROBES 5" (12.7 cm), sterling

18-722 size 0000-000

18-728 size 3-4

18-724 size 00-0

18-730 size 5-6

18-726 size 1-2

18-732 size 7-8

BOWMAN LACRIMAL PROBES 5" (12.7 cm), sterling

18-740 size 0000-000

18-746 size 3-4

18-742 size 00-0

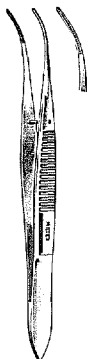
18-748 size 5-6

18-744 size 1-2

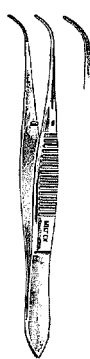
18-750 size 7-8



18-780



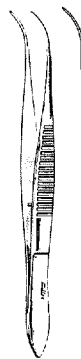
18-782



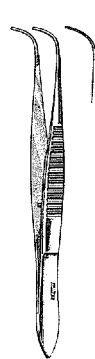
18-784



18-779



18-781



18-783

EYE DRESSING FORCEPS 4" (10.2 cm), serrated tips

Standard Pattern
0.8 mm wide tips

- 18-780 straight
- 18-782 half curved
- 18-784 full curved

Extra Delicate Pattern
0.5 mm wide tips

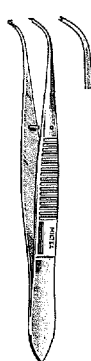
- 18-779 straight
- 18-781 half curved
- 18-783 full curved



18-786
18-787



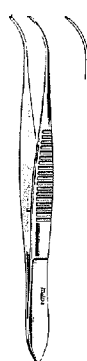
18-788



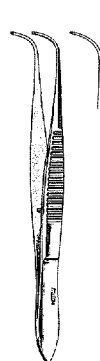
18-790



18-785



18-789



18-791



18-793

IRIS TISSUE FORCEPS 4" (10.2 cm), 1 x 2 teeth

Standard Pattern
0.8 mm wide tips

Extra Delicate Pattern
0.5 mm wide tips

- 18-786 straight
- 18-787 straight (Non Magnetic)
- 18-788 half curved
- 18-790 full curved

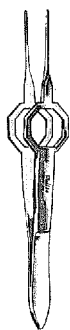
- 18-785 straight
- 18-789 half curved
- 18-791 full curved

18-793 O'CONNOR Iris Forceps 3 3/4" (9.5 cm), angular jaws 0.5 x 9 mm with 1 x 2 teeth

18-794 BRACKEN Iris Forceps 4" (10.2 cm), with fine cross-serrated tips



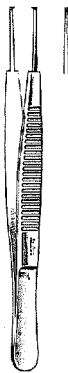
18-794



18-795
18-795A



18-796
18-798



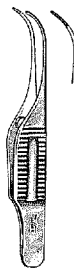
18-804



18-814
18-816



18-818
18-820



18-825

- 18-795** FOERSTER Eye Dressing Forceps 3 $\frac{3}{4}$ " (9.5 cm), octagonal grip, straight, serrated tips 0.5 mm wide
- 18-795A** FOERSTER Eye Dressing Forceps 3 $\frac{3}{4}$ " (9.5 cm), octagonal grip, full curved, serrated tips 0.5 mm wide
- 18-796** FOERSTER Iris Tissue Forceps 3 $\frac{3}{4}$ " (9.5 cm), octagonal grip, straight, 1 x 2 teeth, 0.5 mm wide
- 18-798** FOERSTER Iris Tissue Forceps 3 $\frac{3}{4}$ " (9.5 cm), octagonal grip, full curved, 1 x 2 teeth, 0.5 mm wide

- 18-804** STEVENS Iris Forceps 4" (10.2 cm), straight, 1 x 2 teeth, 1 mm wide

- 18-814** GRAEFE Eye Dressing Forceps 2 $\frac{3}{4}$ " (7 cm), straight, serrated

- 18-816** GRAEFE Iris Forceps 2 $\frac{3}{4}$ " (7 cm), straight, 1 x 2 teeth

- 18-818** GRAEFE Eye Dressing Forceps 2 $\frac{3}{4}$ " (7 cm), curved, serrated

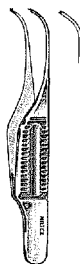
- 18-820** GRAEFE Iris Forceps 2 $\frac{3}{4}$ " (7 cm), curved, 1 x 2 teeth

- 18-825** GILL (CHANDLER) Iris Forceps 3" (7.6 cm), fine cross serrated tips, 0.6 mm wide

- 18-834** GILL Iris Forceps 2 $\frac{7}{8}$ " (7.3 cm), tips 0.6 mm wide, with 1 x 2 teeth

- 18-827** TROUTMAN-BARRAQUER Colibri Type Corneal Utility Forceps 3" (7.6 cm), with 1 x 2 teeth, 0.4 mm, set at 45° angle, with tying platform

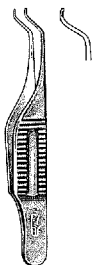
- 18-828** TROUTMAN-BARRAQUER Colibri Type Corneal Utility Forceps 3" (7.6 cm), with 1 x 2 teeth, 0.12 mm, set at 45° angle, with tying platform



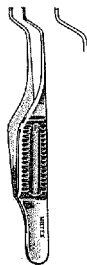
18-834



18-827
18-828



18-829



18-830



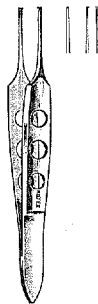
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18-836

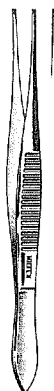


18-837
18-838

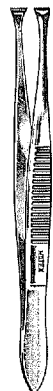


18-866 to 18-868

- 18-829** BOTVIN Iris Forceps 2 $\frac{3}{4}$ " (7.3 cm), fine cross serrated tips, 0.5 mm wide
- 18-830** GILL HESS Iris Forceps 2 $\frac{3}{4}$ " (7 cm), with 1 x 2 teeth forward 0.5 mm
- 18-835** BONN Micro Suturing Forceps 2 $\frac{3}{4}$ " (7 cm), 1 x 2 teeth 0.12 mm, with tying platform
- 18-836** BONN Micro Suturing Forceps 3 $\frac{3}{4}$ " (9.5 cm), 1 x 2 teeth 0.12 mm, with tying platform
- 18-837** McPHERSON Micro Corneal Suturing Forceps 3 $\frac{1}{2}$ " (8.9 cm), straight, 1 x 2 teeth 0.2 mm, with tying platform
- 18-838** McPHERSON Micro Corneal Suturing Forceps 3 $\frac{1}{2}$ " (8.9 cm), angled, 1 x 2 teeth 0.2 mm, with tying platform
- 18-866** BISHOP-HARMON Dressing Forceps 3 $\frac{3}{8}$ " (8.6 cm), fine cross serrated tips 0.5 mm wide
- 18-867** BISHOP-HARMON Micro Tissue Forceps 3 $\frac{3}{8}$ " (8.6 cm), delicate 0.3 mm 1 x 2 teeth
- 18-868** BISHOP-HARMON Tissue Forceps 3 $\frac{3}{8}$ " (8.6 cm), standard 0.7 mm 1 x 2 teeth
- 18-840** Strabismus Forceps 4" (10.2 cm), 1 mm wide tips with 1 x 2 teeth
- 18-850** GRAEFE Fixation Forceps 4 $\frac{3}{8}$ " (11.2 cm), standard jaws 4.5 mm wide, with fine teeth
- 18-852** GRAEFE Fixation Forceps 4 $\frac{3}{8}$ " (11.2 cm), standard jaws 4.5 mm wide, with fine teeth, Non-Magnetic
- 18-854** GRAEFE Fixation Forceps 4 $\frac{3}{8}$ " (11.2 cm), standard jaws 4.5 mm wide, with fine teeth, with catch



18-840



18-850
18-852



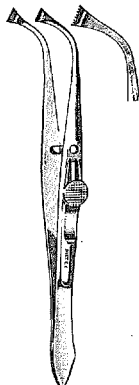
18-854



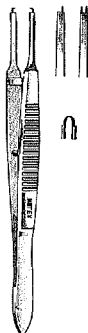
Ophthalmic Instruments



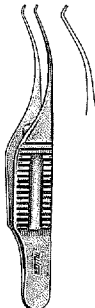
18-860



18-870



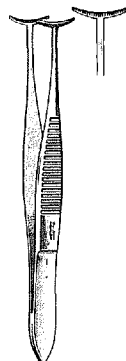
18-876
18-878



18-880
18-881

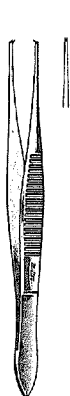


18-883



18-896
18-897

- 18-860** WALDEAU Fixation Forceps 4 $\frac{3}{8}$ " (11.2 cm), concave jaws 5 mm wide, with fine teeth
- 18-870** GUYTON-NOYES Fixation Forceps 4 $\frac{1}{4}$ " (10.8 cm), with slide catch, curved jaws, 4.5 mm wide, with fine teeth
- 18-876** CASTROVIEJO (ALVIN) Fixation Forceps 3 $\frac{3}{4}$ " (9.5 cm), straight, 1 x 1 curved teeth extending beyond each other
- 18-878** CASTROVIEJO Fixation Forceps 3 $\frac{3}{4}$ " (9.5 cm), straight, 2 x 2 curved teeth extending beyond each other
- 18-880** PIERSE Colibri Type Corneal Forceps 3 $\frac{1}{4}$ " (8.3 cm), tips 0.12 mm
- 18-881** PIERSE Colibri Type Corneal Forceps 3 $\frac{1}{4}$ " (8.3 cm), tips 0.3 mm
- 18-883** CASTROVIEJO Colibri Type Corneal Forceps 4" (10.2 cm), tips 0.12 mm, with tying platform
- 18-896** GREEN Fixation Forceps 4" (10.2 cm), T-shape, 12 mm wide 19 x 20 teeth
- 18-897** GREEN Fixation Forceps 4" (10.2 cm), T-shape, 5 mm wide 8 x 9 teeth



18-904



18-906



18-908



18-912



18-914



18-916

18-904 O'BRIEN Fixation Forceps 4" (10.2 cm), delicate 1 x 2 teeth, 0.9 mm wide, angled forward

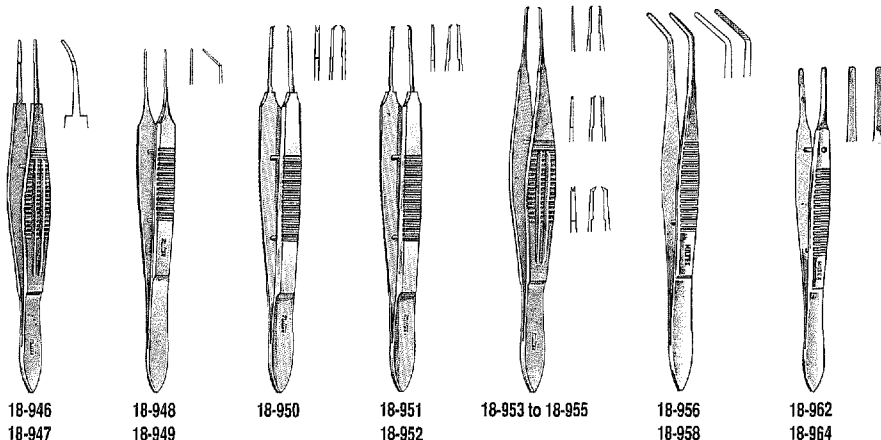
18-906 ELSCHNIG Fixation Forceps 4 1/4" (10.8 cm), strong 1 x 2 teeth, 0.9 mm wide, angled upwards

18-908 ELSCHNIG-O'CONNOR Fixation Forceps 4 1/4" (10.8 cm), with slide lock, strong 1 x 2 teeth, 1 mm wide, angled upwards

18-912 LESTER Fixation Forceps 3 3/4" (9.5 cm), delicate 1 x 2 teeth, 0.6 mm wide

18-914 LESTER Fixation Forceps 3 3/4" (9.5 cm), delicate 2 x 3 teeth, 1 mm wide

18-916 HARMON Fixation Forceps 3" (7.6 cm), 4 x 5 teeth, delicate 2.5 mm wide jaws



- 18-946** HARMS Suturing Forceps 4½" (10.5 cm), straight, with 11 mm wide handles, tying platform, 0.6 mm wide at tip
- 18-947** HARMS Suturing Forceps 4½" (10.5 cm), curved, with 11 mm wide handles, tying platform, 0.6 mm wide at tip
- 18-948** McPHERSON Micro Iris Suturing Forceps 3½" (8.9 cm), straight, smooth platform 0.3 x 5 mm, no teeth
- 18-949** McPHERSON Micro Iris Suturing Forceps 3½" (8.9 cm), angled, smooth platform 0.3 x 5 mm, no teeth
- 18-950** CASTROVIEJO Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.9 mm, with tying platform
- 18-951** CASTROVIEJO Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.3 mm, with tying platform
- 18-952** CASTROVIEJO Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.6 mm, with tying platform
- 18-953** CASTROVIEJO Micro Suturing Forceps 4" (10.2 cm), with 11 mm wide handles, 1 x 2 teeth 0.12 mm, with tying platform
- 18-954** CASTROVIEJO Suturing Forceps 4" (10.2 cm), with 11 mm wide handles, 1 x 2 teeth 0.6 mm, with tying platform
- 18-955** CASTROVIEJO Suturing Forceps 4" (10.2 cm), with 11 mm wide handles, 1 x 2 teeth 0.9 mm, with tying platform
- 18-956** NUGENT Utility Forceps 4¼" (10.8 cm), smooth tips 1.2 mm wide
- 18-958** NUGENT Utility Forceps 4¼" (10.8 cm), cross serrated tips 1.2 mm wide
- 18-962** McCULLOUGH Utility Forceps 4" (10.2 cm), smooth tips 1.5 mm wide
- 18-964** McCULLOUGH Utility Forceps 4" (10.2 cm), cross serrated tips 1.5 mm wide



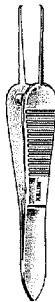
18-966



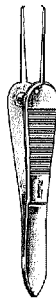
18-970



18-971



18-974



18-975



18-978

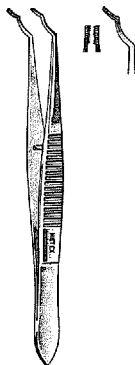
- 18-966** McCULLOUGH Suturing Forceps 4" (10.2 cm), cross serrated jaws 1.5 mm wide with 1 x 2 teeth
- 18-970** WILLS HOSPITAL Utility Forceps 4" (10.2 cm), with cross serrated tying platform 1.2 mm wide
- 18-971** BONACCOLTO Utility Forceps 4" (10.2 cm), longitudinal serrations with cross serrations on tip, 1.2 mm wide with tapered tips
- 18-974** SAUER Suturing Forceps 3½" (8.9 cm), 1 x 2 curved teeth, overlapping each other, 0.6 mm wide
- 18-975** MANHATTAN EYE & EAR Suturing Forceps 3½" (8.9 cm), with smooth platform, 1 x 2 curved teeth, overlapping each other, 0.7 mm wide
- 18-978** SCHAAF Foreign Body Forceps 3¾" (9.5 cm), grooved tips



18-980



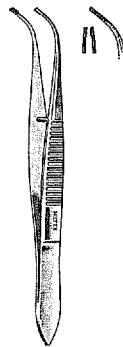
18-1000
18-1002



18-1034

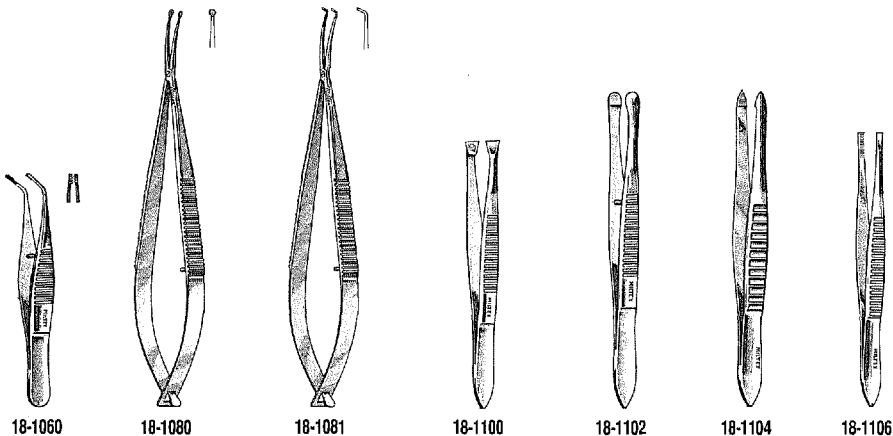


18-1050



18-1058

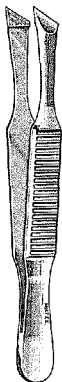
- 18-980** THORPE Corneal and Splinter Forceps 4" (10.2 cm), very sharp points, fine serrated tips
- 18-1000** ARRUGA Capsule Forceps 4" (10.2 cm), standard curve
- 18-1002** ARRUGA Capsule Forceps 4" (10.2 cm), new curve
- 18-1034** MILTEX Extra-Capsular Forceps 4" (10.2 cm), improved pattern with 11 x 11 teeth, with long convex curve
- 18-1050** CASTROVIEJO Capsule Forceps 4" (10.2 cm), cross action, with stop to limit opening of blades
- 18-1058** SCHWEIGER Extra-Capsular Forceps 3 3/4" (9.5 cm), 4 x 5 teeth



- 18-1060** FUCHS Extra-Capsular Forceps $2\frac{3}{4}$ " (7 cm), 5 x 5 teeth
- 18-1080** SHEPARD Intraocular Lens Forceps $4\frac{1}{2}$ " (11.4 cm), 17 mm jaws, serrated tips
- 18-1081** CLAYMAN Intraocular Lens Forceps $4\frac{1}{2}$ " (11.4 cm), 15 mm jaws, smooth tips
- 18-1100** LITTAUER Cilia Forceps $3\frac{1}{2}$ " (8.9 cm), 4 mm wide jaws with fine horizontal serrations
- 18-1102** BEER Cilia Forceps $3\frac{1}{2}$ " (8.9 cm), 4 mm wide smooth jaws
- 18-1104** ZIEGLER Cilia Forceps $3\frac{1}{2}$ " (8.9 cm), 2 mm wide smooth jaws
- 18-1106** DOUGLAS Cilia Forceps $3\frac{1}{2}$ " (8.9 cm)), thin tips 2.5 mm wide, with fine horizontal serrations



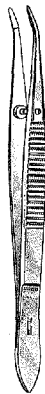
18-1107



18-1108



18-1110



18-1111



18-1112

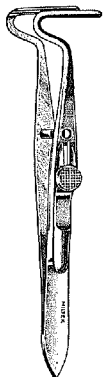


18-1114



18-1116

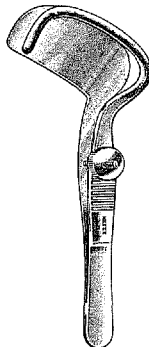
- 18-1107** SWISS Cilia and Suture Forceps $3\frac{3}{4}$ " (9.5 cm), 3 mm wide precision fitted diagonal jaws
- 18-1108** BERGH Cilia Forceps $4\frac{1}{4}$ " (10.8 cm), 10 mm wide jaws with horizontal serrations
- 18-1110** BERGH Cilia Forceps $3\frac{1}{2}$ " (8.9 cm), 5 mm wide jaws with horizontal serrations
- 18-1111** BARRAQUER Cilia and Suture Forceps $4\frac{1}{2}$ " (11.4 cm), with 5 mm smooth platform
- 18-1112** BENNETT Cilia Forceps 3" (7.6 cm), cup shaped jaws 3 mm diameter
- 18-1114** BEAUPRE Cilia Forceps $4\frac{1}{2}$ " (11.4 cm), smooth jaws 12 mm long, 45° angle
- 18-1116** GRADLE Cilia Forceps 4" (10.2 cm), precision ground jaws 1.4 mm wide



18-1136
18-1138



18-1150



18-1160
18-1162



18-1170



18-1174

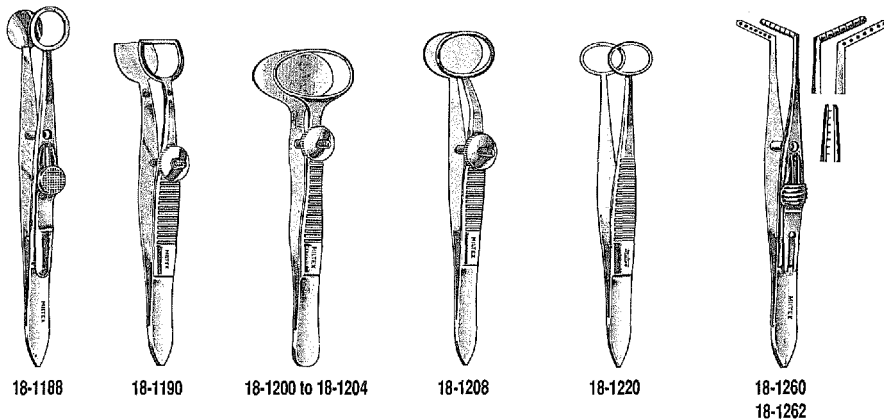


18-1178

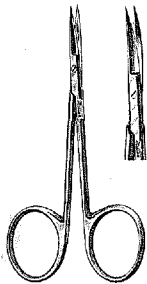
- 18-1136** BERKE Ptosis Forceps 4" (10.2 cm), blades 20 mm long with longitudinal serrations, with slide lock
- 18-1138** BERKE Ptosis Forceps 4" (10.2 cm), blades 27 mm long with longitudinal serrations, with slide lock
- 18-1150** ERHARDT Lid Forceps 3½" (8.9 cm), serrated jaw 9.5 mm wide
- 18-1160** SNELLEN Entropium Forceps 3½" (8.9 cm), left, 35 mm wide plate
- 18-1162** SNELLEN Entropium Forceps 3½" (8.9 cm), right, 35 mm wide plate
- 18-1170** AYER Chalazion Forceps 3½" (8.9 cm), inside ring diameter 8.5 mm, solid blade 8 mm diameter
- 18-1174** LAMBERT Chalazion Forceps 3½" (8.9 cm), inside ring diameter 8 mm
- 18-1178** HUNT Chalazion Forceps 3¾" (9.5 cm), inside ring diameter 12 mm
- 18-1182** HEATH Chalazion Forceps 4" (10.2 cm), inside ring measures 12 x 14 mm



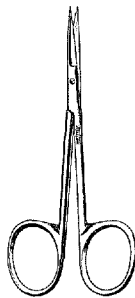
18-1182



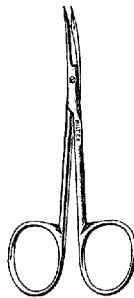
- 18-1188** SPENCER Chalazion Forceps 4" (10.2 cm), inside ring diameter 10 mm, with slide lock
- 18-1190** WIES Chalazion Forceps 4" (10.2 cm), inside ring measures 9 x 12 mm
- 18-1200** DESMARRES Chalazion Forceps 3½" (8.9 cm), small size, inside ring measures 11 x 17 mm
- 18-1202** DESMARRES Chalazion Forceps 3½" (8.9 cm), medium size, inside ring measures 12 x 23 mm
- 18-1204** DESMARRES Chalazion Forceps 3½" (8.9 cm), large size, inside ring measures 17 x 28 mm
- 18-1208** FRANCIS Chalazion Forceps 3¾" (9.5 cm), inside ring measures 12 x 14 mm
- 18-1220** PRINCE Trachoma Forceps 3½" (8.9 cm), rings measure 8 x 10 mm inside
- 18-1260** JAMESON Recession Forceps 3¾" (9.5 cm), left, with slide lock
- 18-1262** JAMESON Recession Forceps 3¾" (9.5 cm), right, with slide lock



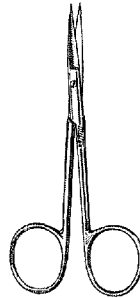
18-1392
18-1394



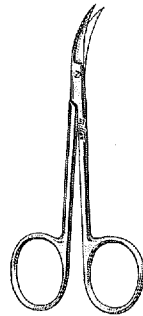
18-1396



18-1398

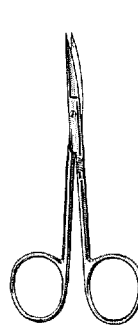


5-300
5-304

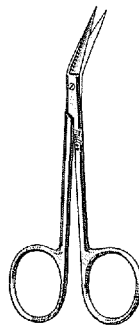


5D-303

- 18-1392** BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, straight
- 18-1394** BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, curved
- 18-1396** Iris Scissors 3½" (8.9 cm), with 20 mm blades, straight, delicate
- 18-1398** Iris Scissors 3½" (8.9 cm), with 20 mm blades, curved, delicate
- 5-300** Iris Scissors 4" (10.2 cm), straight, standard pattern
- 5-302** Iris Scissors 4" (10.2 cm), curved, standard pattern
- 5D-303** Iris Scissors 4½" (11.4 cm), curved sideways
- 5-304** Iris Scissors 4½" (11.4 cm), straight, standard pattern
- 5-306** Iris Scissors 4½" (11.4 cm), curved, standard pattern
- 5-308** Iris Scissors 4½" (11.4 cm), angular



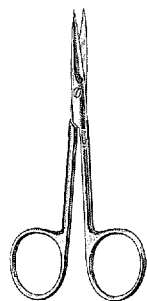
5-302
5-306



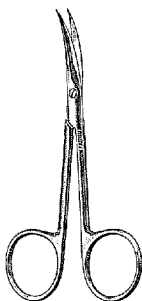
5-308



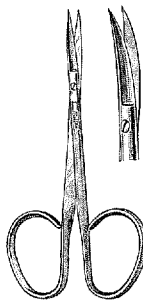
Ophthalmic Instruments



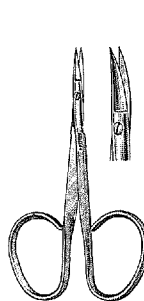
18-1404



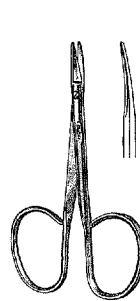
18-1405



18-1415*
18-1416*



18-1417*
18-1418*



18-1419*

18-1404 MILTEX Iris Scissors 4" (10.2 cm), straight, heavy pattern

18-1405 MILTEX Iris Scissors 4" (10.2 cm), curved, heavy pattern

18-1415* Iris Scissors 4" (10.2 cm), straight, standard pattern, ribbon type

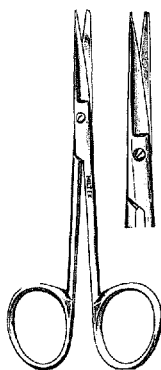
18-1416* Iris Scissors 4" (10.2 cm), curved, standard pattern, ribbon type

18-1417* Iris Scissors 3 3/4" (9.5 cm), straight, miniature pattern with 14 mm blades, ribbon type

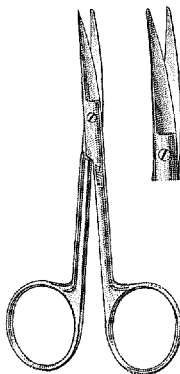
18-1418* Iris Scissors 3 3/4" (9.5 cm), curved, miniature pattern with 14 mm blades, ribbon type

18-1419* Utility Scissors 3 3/4" (9.5 cm), curved blunt blades, 15 mm long, ribbon type

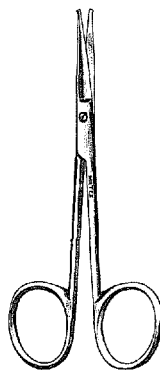
*Ribbon Type Scissors have extra large finger rings;
shanks and rings have satin finish;
blades are highly polished.



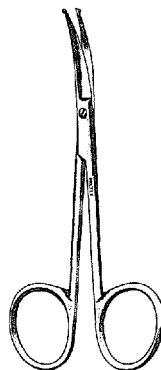
18-1420
18-1422



18-1426
18-1428

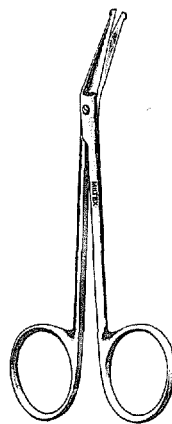


18-1430
18-1432

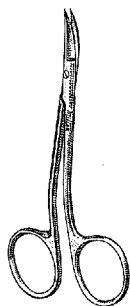


18-1432

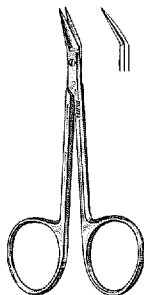
- 18-1420 KNAPP Iris Scissors 4" (10.2 cm), straight, sharp-blunt points
- 18-1422 KNAPP Iris Scissors 4" (10.2 cm), straight, blunt-blunt points
- 18-1426 KNAPP Iris Scissors 4" (10.2 cm), curved, sharp-blunt points
- 18-1428 KNAPP Iris Scissors 4" (10.2 cm), curved, blunt-blunt points
- 18-1430 Eye Scissors 4" (10.2 cm), with probe points, straight
- 18-1432 Eye Scissors 4" (10.2 cm), with probe points, curved
- 5-310 Eye Scissors 4½" (11.4 cm), with probe points, angled on side



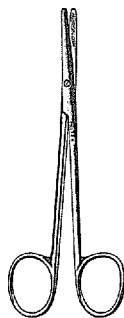
5-310



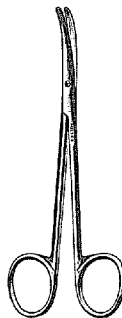
5D-324



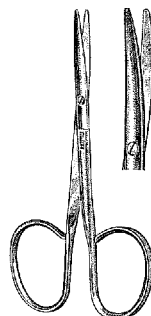
18-1440



5-312



5-314



18-1453*
18-1454*

5D-324 LAGRANGE Sclerectomy Scissors 4¼" (10.8 cm), curved, one serrated blade, angled shanks

18-1440 WILMER Conjunctival and Utility Scissors, 4" (10.2 cm), angled on flat

5-312 Strabismus Scissors 4" (10.2 cm), straight, standard pattern

5-314 Strabismus Scissors 4" (10.2 cm), curved, standard pattern

18-1453* Strabismus Scissors 4¼" (10.8 cm), straight, ribbon type

18-1454* Strabismus Scissors 4¼" (10.8 cm), curved, ribbon type

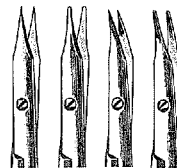
STEVENS TENOTOMY SCISSORS

4½" (10.5 cm)
With Short Blades

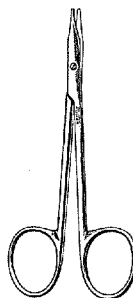
4½" (11.4 cm)
With Long Blades

18-1460 Straight Sharp Points
18-1462 Straight Blunt Points
18-1464 Curved Sharp Points
18-1466 Curved Blunt Points

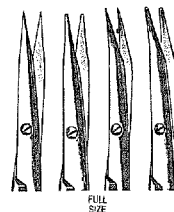
18-1470
18-1472
18-1474
18-1476



18-1460 to 18-1466

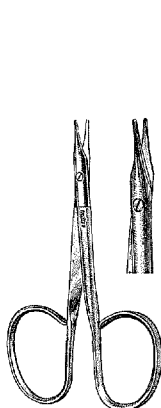


18-1460 to 18-1476

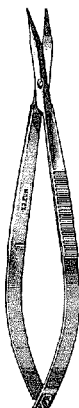


18-1470 to 18-1476

*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



18-1477*
18-1478*



18-1480



18-1482

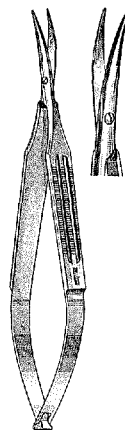


18-1484



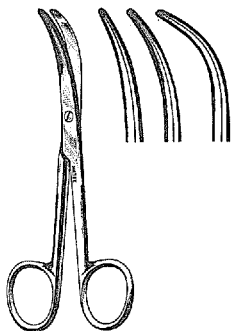
18-1486

- 18-1477* STEVENS Tenotomy Scissors 3¾" (9.5 cm), straight, blunt points, ribbon type
- 18-1478* STEVENS Tenotomy Scissors 3¾" (9.5 cm), curved, blunt points, ribbon type
- 18-1480 WESTCOTT Utility Scissors 4½" (11.4 cm), curved, blunt tips
- 18-1482 SCHEIE-WESTCOTT Corneal Section Scissors 5" (12.7 cm), right, curved, blunt tips
- 18-1484 SCHEIE-WESTCOTT Corneal Section Scissors 5" (12.7 cm), left, curved, blunt tips
- 18-1486 WESTCOTT Stitch Scissors 4½" (11.4 cm), curved, sharp points
- 18-1487 WESTCOTT Tenotomy Scissors 5¼" (13.3 cm), right, wide handles
- 18-1488 WESTCOTT Tenotomy Scissors 5¼" (13.3 cm), left, wide handles

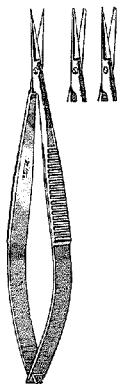


18-1487
18-1488

*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



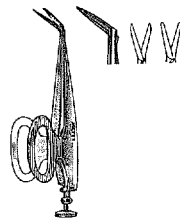
18-1494 to 18-1498



18-1510 to 18-1514



18-1516



18-1520
18-1521

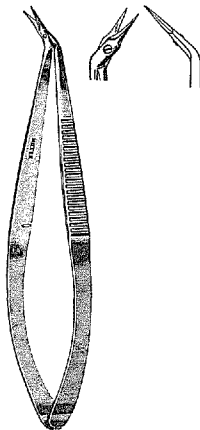
- 18-1494** Enucleation Scissors 5" (12.7 cm), light curve
- 18-1496** Enucleation Scissors 5" (12.7 cm), medium curve
- 18-1498** Enucleation Scissors 5" (12.7 cm), full curve
- 18-1510** NOYES Iris Scissors 4½" (11.4 cm), straight, sharp-sharp points
- 18-1512** NOYES Iris Scissors 4½" (11.4 cm), straight, sharp-blunt points
- 18-1514** NOYES Iris Scissors 4½" (11.4 cm), straight, blunt-blunt points
- 18-1516** NOYES Iris Scissors 4½" (11.4 cm), curved, sharp-sharp points
- 18-1520** BARRAQUER Iris Scissors 2¼" (5.7 cm), angled 7 mm blades, sharp points
- 18-1521** BARRAQUER Iris Scissors 2¼" (5.7 cm), angled 7 mm blades, blunt points
- 18-1524** DeWECKER Iris Scissors 4¼" (10.8 cm), angled 7 mm blades, sharp-sharp points



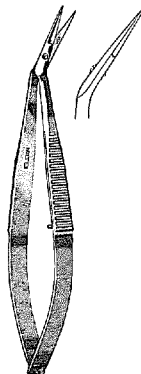
18-1524



18-1540



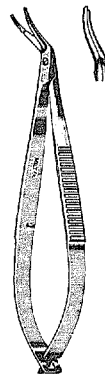
18-1550
18-1552



18-1554



18-1558
18-1559



18-1560

18-1540 NOYES Iridectomy Scissors 5½" (14 cm), straight 7 mm blades, sharp-sharp points

18-1550 McCURE Iris Scissors 3¾" (9.5 cm), angled over edge, 4 mm blades with very delicate sharp points

18-1552 McCURE Iris Scissors 3¾" (9.5 cm), angled on flat, 4 mm blades with very delicate sharp points

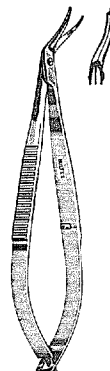
18-1554 McCURE Iris Scissors 3¾" (9.5 cm), angled on flat, regular 10 mm blades with sharp points

18-1558 CASTROVIEJO Corneal Scissors 4" (10.2 cm), right, sub-miniature for micro surgery, 6 mm blades

18-1559 CASTROVIEJO Corneal Scissors 4" (10.2 cm), left, sub-miniature for micro surgery, 6 mm blades

18-1560 CASTROVIEJO Corneal Section Scissors 4½" (11.4 cm), right, inner blade 1 mm longer, blunt tips

18-1562 CASTROVIEJO Corneal Section Scissors 4½" (11.4 cm), left, inner blade 1 mm longer, blunt tips



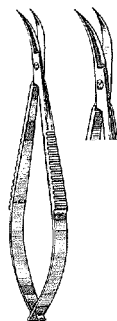
18-1562



Ophthalmic Instruments



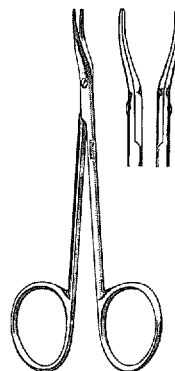
18-1570
18-1572



18-1576

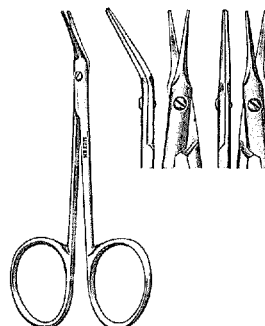


18-1578

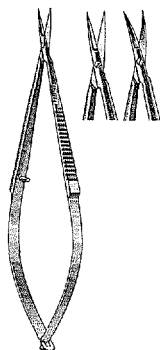


18-1594
18-1596

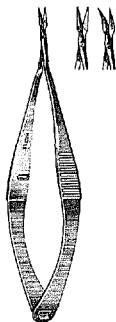
- 18-1570** CASTROVIEJO Keratoplasty Scissors 3 3/4" (9.5 cm), angled blades
11 mm, sharp points
- 18-1572** CASTROVIEJO Corneal Scissors 3 3/4" (9.5 cm), angled blades
11 mm, blunt points
- 18-1576** CASTROVIEJO Corneal Scissors 3 3/4" (9.5 cm), curved, sharp points
- 18-1578** CASTROVIEJO Corneal Scissors 3 3/4" (9.5 cm), curved, blunt points
- 18-1594** McGUIRE Corneal Scissors 4 1/8" (10.5 cm), right
- 18-1596** McGUIRE Corneal Scissors 4 1/8" (10.5 cm), left
- 18-1600** AEBLI Corneal Scissors 4" (10.2 cm), straight
- 18-1602** AEBLI Corneal Scissors 4" (10.2 cm), angled on flat, right
- 18-1604** AEBLI Corneal Scissors 4" (10.2 cm), angled on flat, left



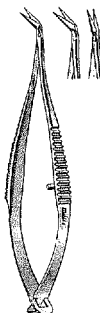
18-1600 to 18-1604



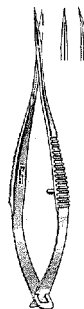
18-1618
18-1619



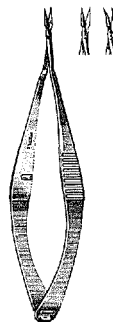
18-1620
18-1622



18-1623
18-1624

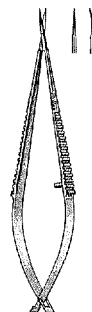


18-1625
18-1626

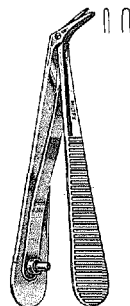


18-1630
18-1631

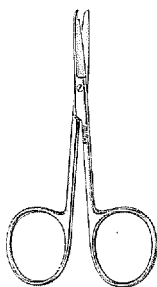
- 18-1618** Micro Iris Scissors 4" (10.2 cm), straight, sharp points
- 18-1619** Micro Iris Scissors 4" (10.2 cm), curved, sharp points
- 18-1620** VANNAS Capsulotomy Scissors 3/4" (8.3 cm), straight, very delicate sharp points
- 18-1622** VANNAS Capsulotomy Scissors 3/4" (8.3 cm), curved, very delicate sharp points
- 18-1623** VANNAS Capsulotomy Scissors 3/4" (8.3 cm), angled to side, very delicate sharp points
- 18-1624** VANNAS Capsulotomy Scissors 3/4" (8.3 cm), angled on flat, very delicate sharp points
- 18-1625** McPHERSON-VANNAS Micro Iris Scissors 3/4" (8.3 cm), straight, sharp points
- 18-1626** McPHERSON-VANNAS Micro Iris Scissors 3/4" (8.3 cm), curved, sharp points
- 18-1630** Micro-VANNAS Scissors 3/4" (8.3 cm), straight ultra fine blades
- 18-1631** Micro-VANNAS Scissors 3/4" (8.3 cm), curved ultra fine blades
- 18-1633** Micro Scissors 3/4" (8.3 cm), straight super fine blades
- 18-1634** Micro Scissors 3/4" (8.3 cm), curved super fine blades
- 18-1716** HOLTH Corneoscleral Punch 3/2" (8.9 cm), 1 mm bite
- 18-1718** HOLTH Corneoscleral Punch 3/2" (8.9 cm), 1.5 mm bite



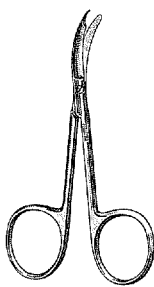
18-1633
18-1634



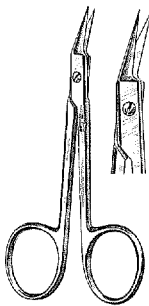
18-1716
18-1718



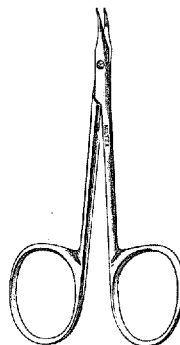
9-100



9-101

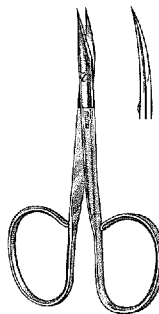


9-110



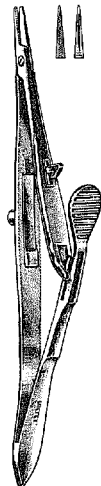
18-1652

- 9-100** SPENCER Stitch Scissors $3\frac{1}{2}$ " (8.9 cm), straight, delicate
- 9-101** SHORTBENT Stitch Scissors $3\frac{1}{2}$ " (8.9 cm), curved to side, delicate
- 9-110** O'BRIEN Stitch Scissors $3\frac{3}{4}$ " (9.5 cm), angled to side, sharp points
- 18-1652** Eye Suture (GRADLE) Scissors $3\frac{3}{4}$ " (9.5 cm), slightly curved, sharp points
- 18-1653*** Eye Suture Scissors 4" (10.2 cm), ribbon type, slightly curved, sharp points

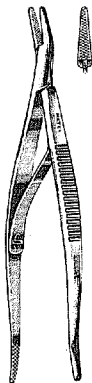


18-1653*

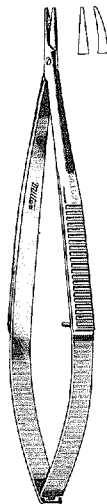
*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



18-1800



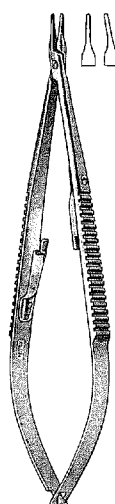
18-1810



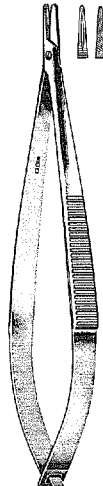
18-1820
18-1824



18-1828
18-1832

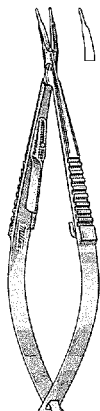


18-1831
18-1833

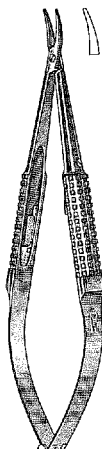


18-1834

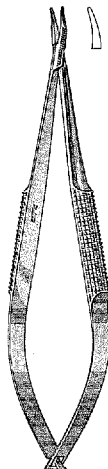
- 18-1800** KALT Needle Holder 5¼" (13.3 cm), standard model, delicate jaws
- 18-1810** GREEN Needle Holder and Suturing Forceps 4¼" (10.8 cm), angled jaws, double end
- 18-1820** CASTROVIEJO Needle Holder 5½" (14 cm), straight, without lock
- 18-1824** CASTROVIEJO Needle Holder 5½" (14 cm), curved, without lock
- 18-1828** CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock
- 18-1832** CASTROVIEJO Needle Holder 5½" (14 cm), curved, with lock
- 18-1831** CASTROVIEJO Needle Holder 5½" (14 cm), straight, extra delicate jaws, with lock
- 18-1833** CASTROVIEJO Needle Holder 5½" (14 cm), curved, extra delicate jaws, with lock
- 18-1834** PATON Needle Holder 4½" (11.4 cm), straight, without lock



18-1837



18-1838
18-1839



18-1840



8-26

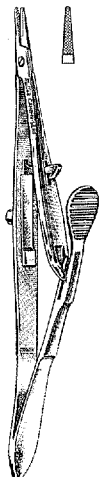


18-1858

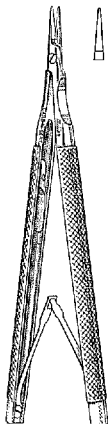
- 18-1837 McPHERSON Needle Holder for microsurgery 4" (10.2 cm), curved smooth tapered jaws
- 18-1838 BARRAQUER Needle Holder 5" (12.7 cm), curved, without lock, 10 mm wide hollow round handle
- 18-1839 BARRAQUER Needle Holder 5" (12.7 cm), curved, with lock, 10 mm wide hollow round handle
- 18-1840 BARRAQUER Needle Holder 5 1/4" (13 cm), curved, without lock delicate tapered jaws, 8 mm wide round handle
- 8-26 BOYNTON Needle Holder 5" (12.7 cm), delicate
- 18-1858 STEVENS Needle Holder 6 1/2" (16.5 cm), with ratchet lock

CARN-N-SERT NEEDLE HOLDERS

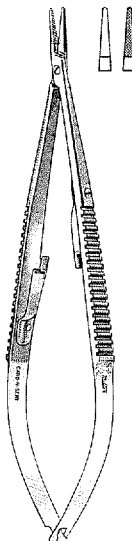
with tungsten carbide inserts insure firm holding of needles and sutures



18-1800TC

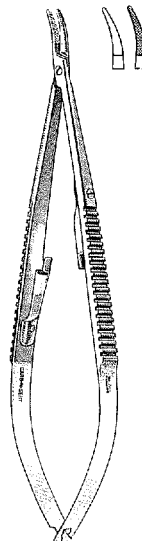


18-1816TC



18-1828TC

18-1828A-TC



18-1832TC

18-1832A-TC

- 18-1800TC** KALT Needle Holder 5½" (14 cm), serrated Carb-N-Sert jaws 16000 teeth p. sq. inch
- 18-1816TC** MILTEX-CASTROVIEJO Needle Holder 4½" (10.5 cm), round handles, with lock, delicate smooth Carb-N-Sert jaws
- 18-1828TC** CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock, smooth Carb-N-Sert jaws
- 18-1828A-TC** CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock, serrated Carb-N-Sert jaws 16000 teeth p. sq. inch
- 18-1832TC** CASTROVIEJO Needle Holder 5½" (14 cm), curved, with lock, smooth Carb-N-Sert jaws
- 18-1832A-TC** CASTROVIEJO Needle Holder 5½" (14 cm), curved, with lock, serrated Carb-N-Sert jaws 16000 teeth p. sq. inch



7-280
7-284



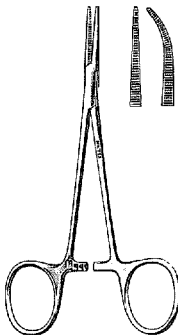
7-290
7-294



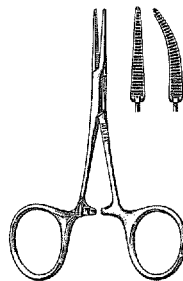
7-310



7-315

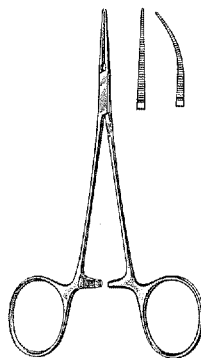


7-8
18-1934
18-1936

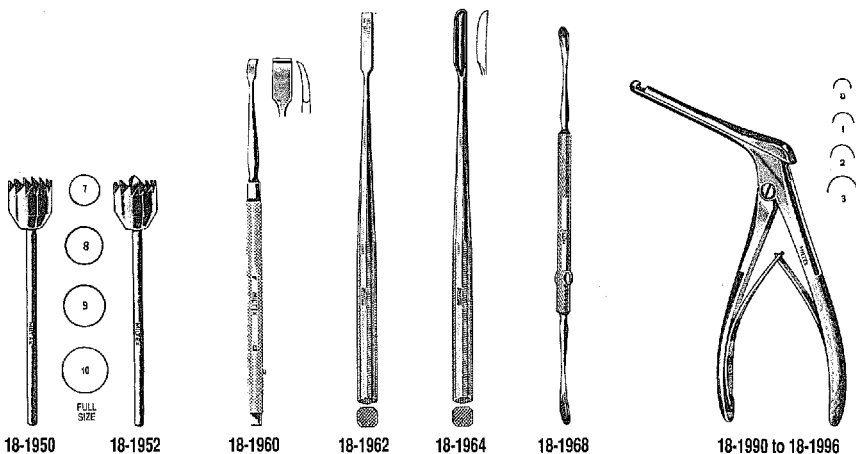


7-24
7-26

- 7-280 Serrefine 1 1/2" (3.8 cm), straight, with suture hole
7-284 Serrefine 2 1/2" (6.4 cm), straight, with suture hole
7-290 Serrefine 1 1/2" (3.8 cm), curved, with suture hole
7-294 Serrefine 2 1/2" (6.4 cm), curved, with suture hole
7-310 DIETHRICH Micro Bulldog clamp 1 5/8" (4.7 cm), straight jaws 8 mm x 1.2 mm
7-315 DIETHRICH Micro Bulldog clamp 1 3/4" (4.4 cm), angled jaws 8 mm x 1.2 mm
7-8 HALSTED Mosquito Forceps 5" (12.7 cm), straight, extra delicate
7-10 HALSTED Mosquito Forceps 5" (12.7 cm), curved, extra delicate
18-1934 HALSTED Mosquito Forceps 5" (12.7 cm), straight, Non-Magnetic
18-1936 HALSTED Mosquito Forceps 5" (12.7 cm), curved, Non-Magnetic
7-24 HARTMAN Mosquito Forceps 3 1/2" (8.9 cm), straight, delicate
7-26 HARTMAN Mosquito Forceps 3 1/2" (8.9 cm), curved, delicate
17-2600 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), straight, extremely delicate
17-2602 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), curved, extremely delicate



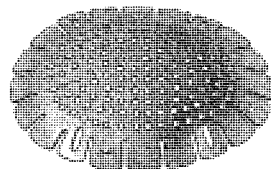
17-2600
17-2602



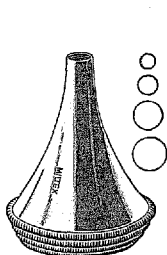
ARRUGA LACRIMAL TREPHINES

Without Center Point	Diameter	Center Point
18-1950-7	7 mm	18-1952-7
18-1950-8	8 mm	18-1952-8
—	9 mm	18-1952-9
—	10 mm	18-1952-10

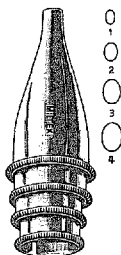
- 18-1960 FREER Chisel 6½" (16.5 cm), curved blade 4 mm wide
- 18-1962 WEST Lacrimal Sac Chisel 6¼" (15.9 cm), straight blade 5 mm wide
- 18-1964 WEST Lacrimal Gouge 6¼" (15.9 cm), straight blade 4.5 mm wide
- 18-1968 FREER Elevator 7" (17.8 cm), double end sharp and blunt blades 5 mm wide
- 18-1990 KERRISON RONGEUR 3" (7.6 cm) shaft, size 0, 3.5 mm bite
- 18-1992 KERRISON RONGEUR 3" (7.6 cm) shaft, size 1, 4 mm bite
- 18-1994 KERRISON RONGEUR 3" (7.6 cm) shaft, size 2, 4.5 mm bite
- 18-1996 KERRISON RONGEUR 3" (7.6 cm) shaft, size 3, 5 mm bite
- 18-2200 FOX Eye Shields, aluminum, pkg. 12



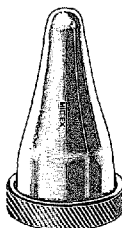
18-2200



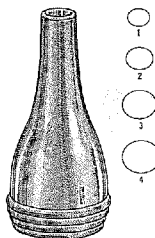
19-2



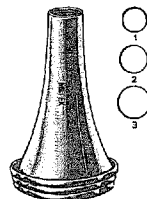
19-10 to 19-20



19-10A



19-21 to 19-25



19-30 to 19-36

BOUCHERON EAR SPECULA, Round, Chrome

19-2 Set of 4 sizes 1, 2, 3 and 4

19-2-1 Single size 1 4.5 mm

19-2-2 Single size 2 5.5 mm

19-2-3 Single size 3 6.5 mm

19-2-4 Single size 4 7.5 mm

GRUBER EAR SPECULA, Oval, Child and Infant Sizes, Light Short Pattern, Chrome

19-10 Set of 4 sizes 1, 2, 3 and 4 with screw top case

19-12 Set of 4 sizes 1, 2, 3 and 4 without case

19-14 Single size 1 2x3 mm

19-16 Single size 2 3x4 mm

19-18 Single size 3 4x5 mm

19-20 Single size 4 5x6 mm

19-10A Case only for set of 4 Gruber Specula, child & infant sizes

GRUBER EAR SPECULA, Oval, Standard Adult Sizes, Long Pattern, Chrome

19-21 Set of 4 sizes 1, 2, 3 and 4

19-22 Single size 1 4x5 mm

19-23 Single size 2 5x6 mm

19-24 Single size 3 6x7 mm

19-25 Single size 4 7x8 mm

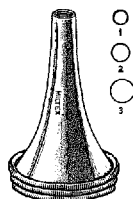
TOYNBEE EAR SPECULA, Round, Chrome

19-30 Set of 3 sizes 1, 2 and 3

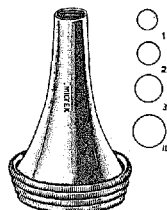
19-32 Single size 1 4 mm

19-34 Single size 2 5 mm

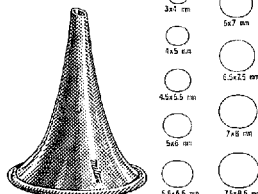
19-36 Single size 3 6 mm



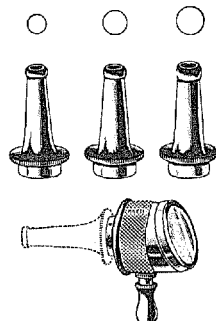
19-40



19-48



19-50



19-70

19-71

HARTMAN EAR SPECULA, Round

- 19-40** Set of 3 sizes 3, 4 and 5 mm
19-48 Set of 4 sizes 4, 5, 6 and 7 mm
19-48-A Single size 3 mm
19-48-B Single size 4 mm
19-48-C Single size 5 mm
19-48-D Single size 6 mm
19-48-E Single size 7 mm

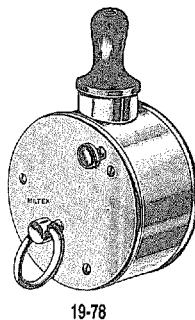
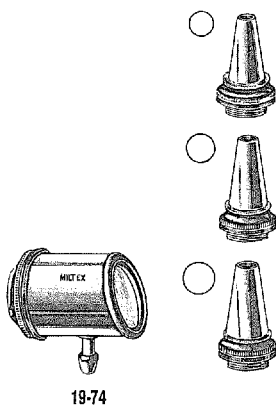
FARRIOR EAR SPECULA, Oval, angled end, nonglare stainless

- 19-50-1** Single size 1 3 x 4 mm
19-50-2 Single size 2 4 x 5 mm
19-50-3 Single size 3 4.5 x 5.5 mm
19-50-4 Single size 4 5 x 6 mm
19-50-5 Single size 5 5.5 x 6.5 mm
19-50-6 Single size 6 6 x 7 mm
19-50-7 Single size 7 6.5 x 7.5 mm
19-50-8 Single size 8 7 x 8 mm
19-50-9 Single size 9 7.5 x 8.5 mm

19-70 BRUENING Magnifier Otoscope, Chrome, 3.5x magnif., with 3 specula, small, medium and large sizes; complete with inflation bulb and tubing, in fitted case

19-71 Set of 3 specula, small, medium and large sizes for Bruening Otoscope, chrome

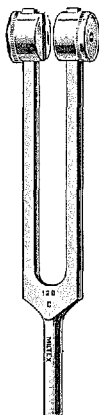
- 19-71-1** Single speculum, small size, chrome
19-71-2 Single speculum, medium size, chrome
19-71-3 Single speculum, large size, chrome



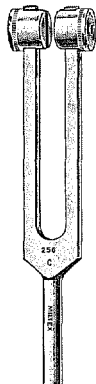
- 19-74 SIEGEL Magnifier Otoscope, chrome, 3.15x magnif., with 3 specula, small, medium and large sizes; complete with inflation bulb and tubing
- 19-75 Rubber Bulb with tubing for Bruening and Siegel Otoscopes
- 19-78 BARANY Noise Apparatus, with hard rubber ear tip



19-100



19-102



19-104



19-106



19-108



19-110



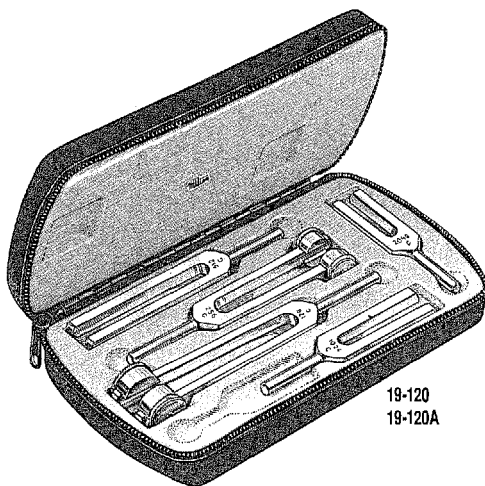
19-112

MILTEX TUNING FORKS, Aluminum Alloy

- 19-100 C-64 vibrations
- 19-102 C-128 vibrations
- 19-104 C-256 vibrations
- 19-106 C-512 vibrations
- 19-108 C-1024 vibrations
- 19-110 C-2048 vibrations
- 19-112 C-4096 vibrations

- 19-120 Set of 5 Tuning Forks,
C-128, C-256, C-512,
C-1024 and C-2048 in
fitted molded vinyl
zippered case

- 19-120A Fitted molded vinyl zippered
case only for tuning fork set



19-120
19-120A



19-170



19-172



19-180



19-182



19-190



19-192



19-200



19-202



19-210

- 19-170 UEBE Applicator 7" (17.8 cm), triangular tip
19-172 UEBE Applicator 7" (17.8 cm), cross serrated tip
19-180 BROWN Applicator 6" (15.2 cm), triangular tip, copper
19-182 BROWN Applicator 6" (15.2 cm), cross serrated tip, copper
19-190 LATHBURY Applicator 5½" (14 cm), triangular tip
19-192 LATHBURY Applicator 5½" (14 cm), cross serrated tip
19-200 FARRELL Applicator 6½" (16.5 cm), triangular tip
19-202 FARRELL Applicator 6½" (16.5 cm), cross serrated tip
19-210 BUCK (SPENCER) Ear Probe 5½" (14 cm), sterling shaft
19-220 DAY Ear Hook 6½" (16.5 cm), small size
19-222 DAY Ear Hook 6½" (16.5 cm), large size
19-226 ALLPORT Mastoid Searcher 6½" (16.5 cm), with ball tip
19-228 GROSS Ear Hook and Spoon 5" (12.7 cm)



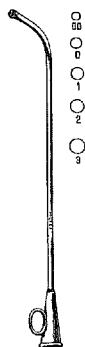
19-220
19-222



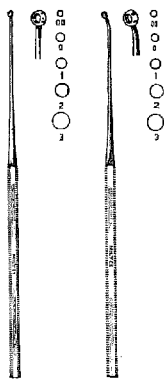
19-226



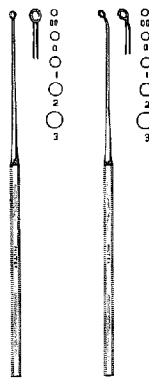
19-228



19-240 to 19-248



19-260 to 19-278



19-280 to 19-298



19-300
19-302



19-314 to 19-318

HARTMAN EUSTACHIAN CATHETERS, bulbous tip, silver plated

19-240	Size 00	19-246	Size 2
19-242	Size 0	19-248	Size 3
19-244	Size 1		

BUCK EAR CURETTES, 6½" (16.5 cm)

SHARP			BLUNT	
Straight	Angled	Size	Straight	Angled
19-260	19-270	00	19-280	19-290
19-262	19-272	0	19-282	19-292
19-264	19-274	1	19-284	19-294
19-266	19-276	2	19-286	19-296
19-268	19-278	3	19-288	19-298

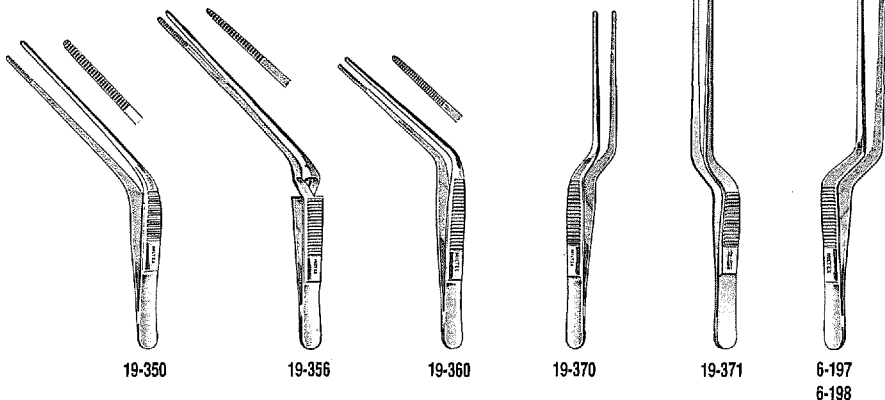
19-300 SHAPLEIGH Ear Curette 6" (15.2 cm), small size, serrated loop

19-302 SHAPLEIGH Ear Curette 6" (15.2 cm), large size, serrated loop

19-314 BILLEAU Flexible Ear Loop 6½" (16.5 cm), small size No. 1

19-316 BILLEAU Flexible Ear Loop 6½" (16.5 cm), medium size No. 2

19-318 BILLEAU Flexible Ear Loop 6½" (16.5 cm), large size No. 3

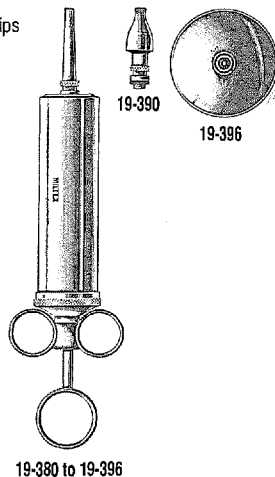


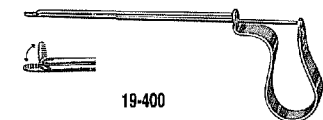
- 19-350** WILDE Ear Forceps 5" (12.7 cm), angular with serrated tips
- 19-356** WILDE Ear Forceps 5¼" (13.3 cm), cross action, angular with serrated tips
- 19-360** BLAKE Ear Forceps 4½" (11.4 cm), very delicate, angular with serrated tips
- 19-370** LUCAS Ear Forceps 5½" (14 cm), bayonet shape with serrated tips
- 19-371** JANSEN Ear Forceps 6¼" (15.9 cm), bayonet, extra delicate with 2 mm wide serrated tips
- 6-197** JANSEN (GRUENWALD) Ear Forceps 6¼" (15.9 cm), bayonet shape with serrated tips
- 6-198** ADSON Bayonet Dressing Forceps 8¼" (21 cm), serrated tips

EAR SYRINGES, All Brass, Chrome Plated, with precision ground plunger, shaft graduated in ½ (.015 liter) ounces, complete with one tapered and one short bulbous tip, easily disassembled for sterilization.

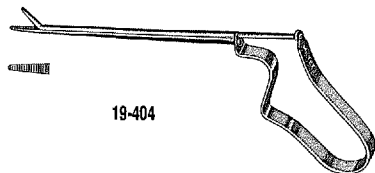
Without Shield	Capacity	With Shield
19-380	2 oz. (.06 liter)	19-381
19-382	3 oz. (.09 liter)	19-383
19-384	4 oz. (.12 liter)	19-385

- 19-390** Short Bulbous Tip only, for Ear Syringes, chrome
- 19-394** Taper Tip only, for Ear Syringes, chrome
- 19-396** Shield only, for Ear Syringes, chrome

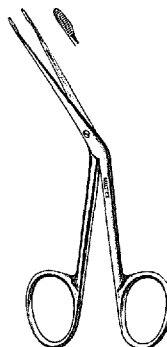




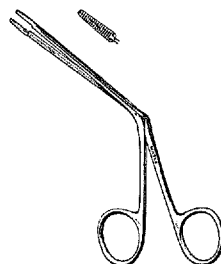
19-400



19-404

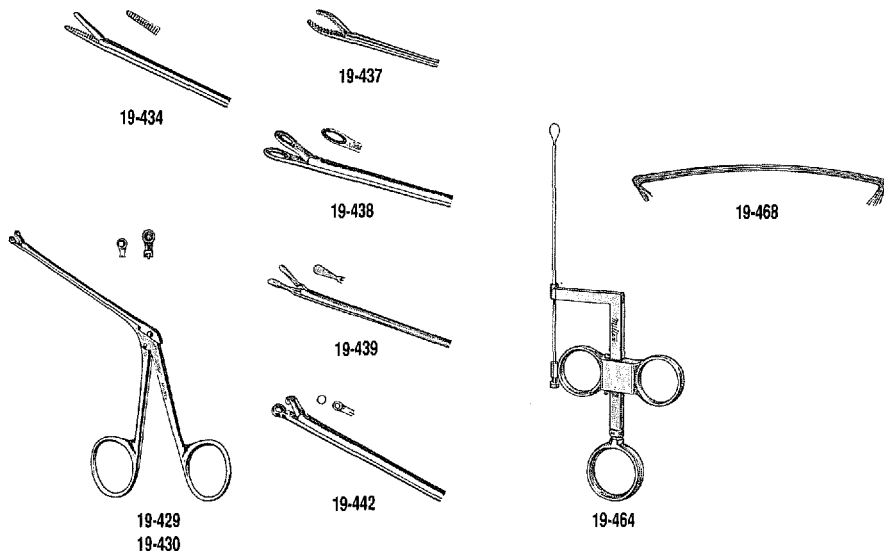


19-410



19-414

- 19-400** QUIRE Mechanical Finger 4" (10.2 cm), for removal of foreign bodies, spring handle
- 19-404** NOYES Alligator Forceps 4" (10.2 cm), spring handle
- 19-410** HARTMAN Ear Forceps 5" (12.7 cm), delicate serrated jaws 2.5 x 6 mm
- 19-414** LITTAUER Ear Forceps 4¾" (12.1 cm), delicate serrated jaws 2.5 x 8 mm



- 19-429** HARTMAN-HERZFELD Cup-Shape Forceps, alligator type, 3" (7.6 cm) shaft, 2 mm cup
19-430 HARTMAN-HERZFELD Cup-Shape Forceps, alligator type, 3" (7.6 cm) shaft, 3 mm cup
19-434 HARTMAN-NOYES Ear Forceps, alligator type, 3¼" (8.3 cm) shaft, serrated jaws
19-437 WEINGARTNER Ear Forceps, alligator type, 3" (7.6 cm) shaft, concave serrated jaws
19-438 STRUEMPEL Ear Forceps, alligator type, 3" (7.6 cm) shaft, fenestrated oval spoon jaws
19-439 Duckbill Ear Forceps, alligator type, 3" (7.6 cm) shaft, very flat serrated jaws, rounded tip
19-442 HOFFMAN Ear Forceps, alligator type, 3" (7.6 cm) shaft, through cutting round jaws
19-464 BRUENING Ear Snare, bayonet shape, 2½" (6.4 cm), cannula, delicate pattern
19-465 Stylet only for Bruening Ear Snare
19-468 Cut Snare Wire, 3" (7.6 cm) long, fine size 1 for ear snares

For Snare Wire sizes 4 and 5 see page 294
For Snare Wire sizes 6, 7, 8 and 9 see page 361



19-500



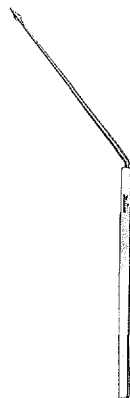
19-502



19-504

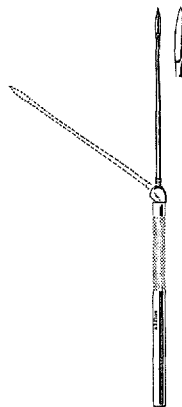


19-510



19-512

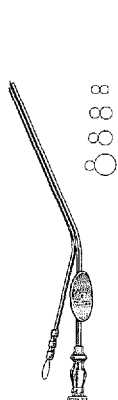
- 19-500 SEXTON Ear Knife 7" (17.8 cm), straight
- 19-502 SEXTON Ear Knife 7" (17.8 cm), bayonet
- 19-504 SEXTON Ear Knife 7" (17.8 cm), angled
- 19-510 POLITZER Ear Knife 7" (17.8 cm), spear blade, bayonet
- 19-512 POLITZER Ear Knife 7" (17.8 cm), spear blade, angled
- 19-520 SEXTON Ear Knife 7½" (19.1 cm), in reversible swivel handle (use in straight or angled position)
- 19-524 POLITZER Ear Knife 7½" (19.1 cm), in reversible swivel handle (use in straight or angled position)



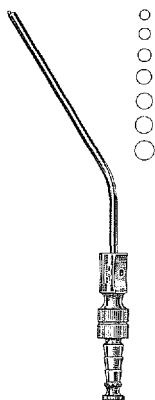
19-520



19-524



19-562 to 19-565



19-570 to 19-577



19-580 to 19-584



19-589



19-590

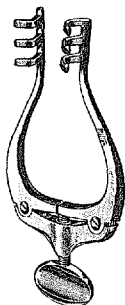
HOUSE SUCTION-IRRIGATION TUBES, 9 cm working length

19-562	1.8 mm Suction Tube and 1.8 mm Irrigating Tube
19-563	2.5 mm Suction Tube and 2 mm Irrigating Tube
19-564	3 mm Suction Tube and 2 mm Irrigating Tube
19-565	4.5 mm Suction Tube and 2 mm Irrigating Tube

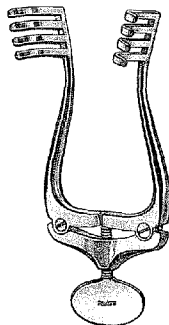
FRAZIER FERGUSON SUCTION TUBES, with finger cut-off, angled

19-570	6 French (2 mm)	19-575	10 French (3.3 mm)
19-572	7 French (2.3 mm)	19-576	11 French (3.6 mm)
19-573	8 French (2.6 mm)	19-577	12 French (4 mm)
19-574	9 French (3 mm)		

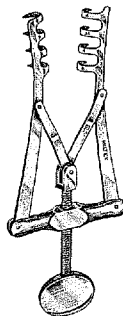
19-580	BARON Suction Tube, 3 French (1 mm) with finger cut-off, 7.5 cm tube
19-582	BARON Suction Tube, 5 French (1.7 mm) with finger cut-off, 7.5 cm tube
19-584	BARON Suction Tube, 7 French (2.3 mm) with finger cut-off, 7.5 cm tube
19-589	ANTHONY Suction Tube 6½" (16.5 cm), with 3 mm lumen
19-590	DAY Attic Cannula, 3" (7.6 cm) to bend, very delicate, tapered, with Luer Lock connection, silver



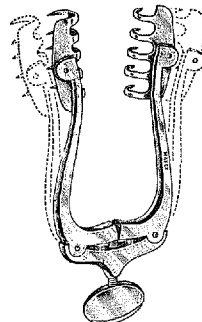
11-2



11-4

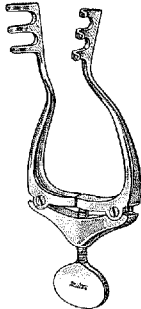


11-6

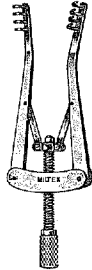


11-8

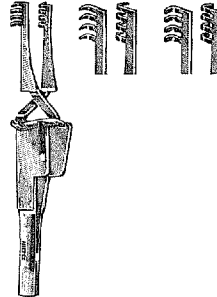
- 11-2 JANSEN Mastoid Retractor 4 1/4" (10.8 cm), spread 3" (7.6 cm), 3 x 3 blunt prongs
10 mm deep, standard model
- 11-4 JANSEN Mastoid Retractor 4 1/2" (11.4 cm), spread 3" (7.6 cm), 4 x 4 blunt prongs
20 mm deep
- 11-6 ALLPORT Mastoid Retractor 4" (10.2 cm), spread 2 1/2" (6.4 cm), 4 x 4 sharp prongs
- 11-8 JANSEN-WAGNER Mastoid Retractor 5" (12.7 cm), 5 x 5 sharp prongs, self-adjusting



11-10

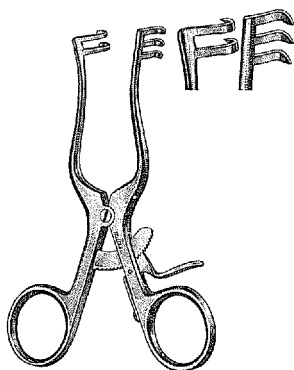


**11-12
11-13**

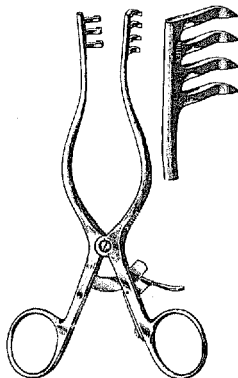


**11-14
11-16**

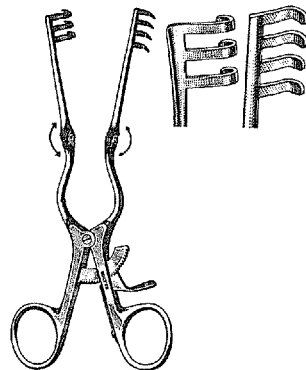
11-10	DAVIS Retractor 4½" (11.4 cm), 3 x 3 blunt prongs
11-12	ALM Retractor 2¾" (7 cm), spread 2¼" (5.7 cm), prongs ¼" (.32 cm) deep
11-13	ALM Retractor 3⅝" (9.8 cm), spread 3" (7.6 cm), prongs ½" (1.3 cm) deep
11-14	MILTEX Cross Action Retractor 4" (10.2 cm), sharp prongs
11-16	MILTEX Cross Action Retractor 4" (10.2 cm), blunt prongs



11-600 to 11-602



11-608 to 11-616



11-630 to 11-634

WEITLANER RETRACTORS

Sharp

11-600 4" (10.2 cm), 2 x 3 teeth

11-608 5½" (14 cm), 3 x 4 teeth

11-614 6½" (16.5 cm), 3 x 4 teeth

Blunt

11-602

11-610

11-616

BECKMAN-WEITLANER RETRACTORS, with hinged blades

Sharp

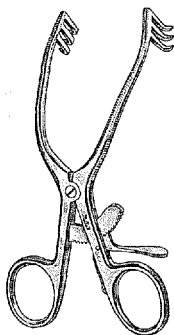
11-630-SH 5½" (14 cm), 3 x 4 teeth

11-634-SH 6½" (16.5 cm), 3 x 4 teeth

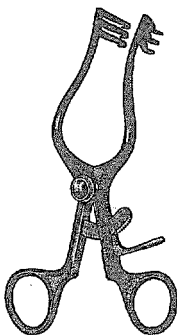
Blunt

11-630-BL

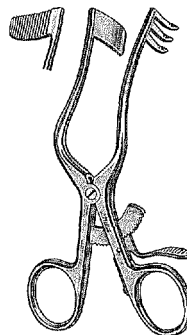
11-634-BL



19-655

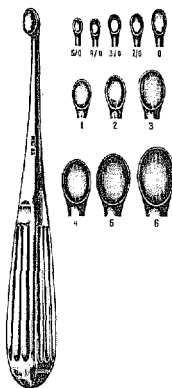


19-660



19-668
19-669

- 19-655** SCHUHKNECHT Postauricular Retractor 5" (12.7 cm), 3 x 3 sharp teeth 3" (7.6 cm) opening
- 19-660** WULLSTEIN Endaural Retractor 5" (12.7 cm), 3 x 3 sharp teeth, ebony non-glare finish
- 19-668** PERKINS Endaural Retractor 5¼" (13.3 cm), left serrated solid blade, right side 3 teeth
- 19-669** PERKINS Endaural Retractor 5¼" (13.3 cm), right serrated solid blade, left side 3 teeth



19-700 to 19-720



19-750 to 19-760



19-770 to 19-780



19-784
19-785



19-790

SPRATT (BRUN) MASTOID CURETTES 6½" (16.5 cm), oval cups			
19-700	Size 5/0	19-712	Size 2
19-702	Size 4/0	19-714	Size 3
19-704	Size 3/0	19-716	Size 4
19-706	Size 2/0	19-718	Size 5
19-708	Size 0	19-720	Size 6
19-710	Size 1		

19-750	ALEXANDER Mastoid Chisel 7" (17.8 cm), width 4 mm
19-752	ALEXANDER Mastoid Chisel 7" (17.8 cm), width 6 mm
19-754	ALEXANDER Mastoid Chisel 7" (17.8 cm), width 8 mm
19-756	ALEXANDER Mastoid Chisel 7" (17.8 cm), width 10 mm
19-758	ALEXANDER Mastoid Chisel 7" (17.8 cm), width 12 mm
19-760	ALEXANDER Mastoid Chisel 7" (17.8 cm), width 14 mm
19-770	ALEXANDER Mastoid Gouge 7" (17.8 cm), width 4 mm
19-772	ALEXANDER Mastoid Gouge 7" (17.8 cm), width 6 mm
19-774	ALEXANDER Mastoid Gouge 7" (17.8 cm), width 8 mm
19-776	ALEXANDER Mastoid Gouge 7" (17.8 cm), width 10 mm
19-780	ALEXANDER Mastoid Gouge 7" (17.8 cm), width 14 mm

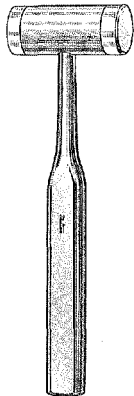
19-784	BISHOP Mastoid Gouge 6¾" (17.1 cm), width 3 mm
19-785	BISHOP Mastoid Gouge 6¾" (17.1 cm), width 4 mm

19-790 GERZOG Mallet 7½" (19.1 cm), head 8 oz. (227 g) lead filled with stainless jacket

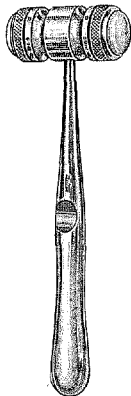
19-792 LUCAS Mallet 7¾" (19.7 cm), head 9 oz. (255 g) solid stainless



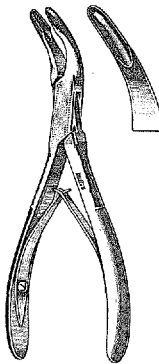
19-792



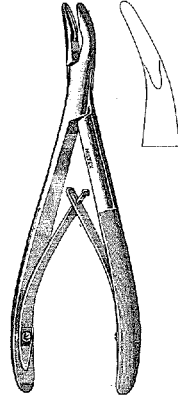
19-793
19-794



19-796

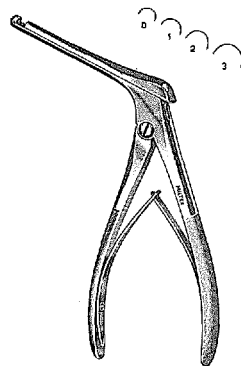


19-804

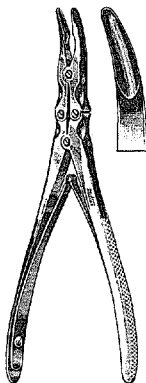


19-808

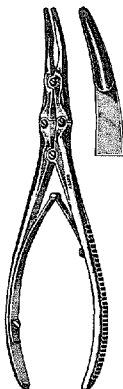
- 19-793 MILTEX Mallet 7½" (19.1 cm), lightweight 7.5 oz. (213 g), stainless head 1" (2.5 cm) dia. with 2 replaceable nylon caps
- 19-794 MILTEX Mallet 7½" (19.1 cm), lightweight 9 oz. (255 g), stainless head 1" (2.5 cm) dia. with one stainless face and one replaceable nylon cap
- 19-795 Nylon Cap Replacement for Nos. 19-793 and 19-794 Mallets
- 19-796 MEAD MALLET 7½" (19.1 cm), head 8 oz. (227 g), with 2 replaceable nylon caps
- 19-797 Nylon Cap Replacement for No. 19-796 Mallet
- 19-804 HARTMAN Mastoid Rongeur 5¾" (14.6 cm), strong curve
- 19-808 BANE Mastoid Rongeur 7" (17.8 cm), curved
- 18-1990 KERRISON Rongeur 3" (7.6 cm) shaft, size 0, 3.5 mm bite
- 18-1992 KERRISON Rongeur 3" (7.6 cm) shaft, size 1, 4 mm bite
- 18-1994 KERRISON Rongeur 3" (7.6 cm) shaft, size 2, 4.5 mm bite
- 18-1996 KERRISON Rongeur 3" (7.6 cm) shaft, size 3, 5 mm bite



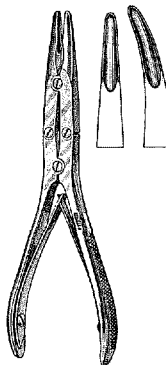
18-1990 to 18-1996



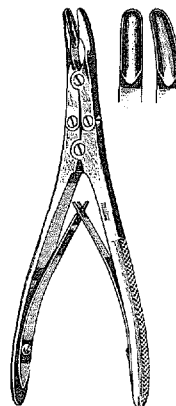
19-840



19-844



19-848
19-849



19-850 to 19-856

19-840 ZAUFEL-JANSEN Rongeur 7" (17.8 cm), double action, slightly curved jaws 5 mm wide

19-844 BEYER Rongeur 7" (17.8 cm), double action, slightly curved jaws 3.5 mm wide

RUSKIN RONGEURS, double action

Straight Jaws

19-848 6" (15.2 cm) long, 3 mm bite

19-850 7¼" (18.4 cm) long, 5 mm bite

19-854 7¼" (18.4 cm) long, 7 mm bite

Curved Jaws

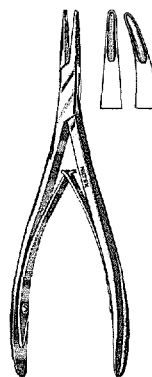
19-849

19-852

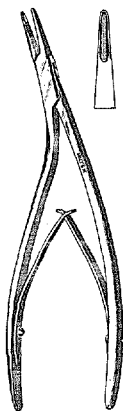
19-856

19-1230 LEMPERT Rongeur 6¼" (15.9 cm), straight, delicate, 2.5 mm bite

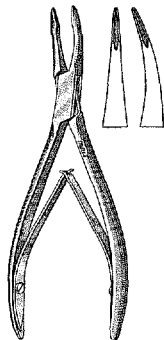
19-1232 LEMPERT Rongeur 6¼" (15.9 cm), curved, delicate, 2.5 mm bite



19-1230
19-1232



19-1234



17-4800
17-4801



19-1330

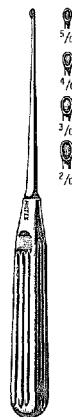


19-1334
19-1336

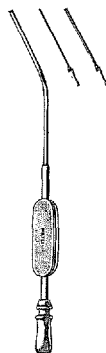


19-1340

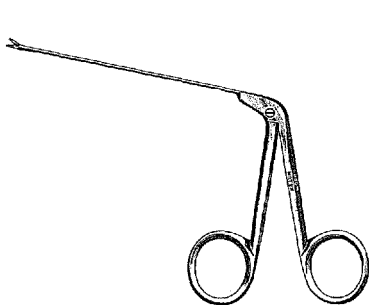
- 19-1234** JUERS-LEMPERT Rongeur 7 1/4" (18.4 cm), straight jaws on curved handles, delicate, 2.5 mm bite
- 17-4800** Micro Friedman Rongeur 5 1/2" (14 cm), straight 1.3 mm wide jaws, very delicate
- 17-4801** Micro Friedman Rongeur 5 1/2" (14 cm), curved 1.3 mm wide jaws, very delicate
- 19-1330** LEMPert Elevator 7 1/4" (18.4 cm), straight 2 mm blade, light pattern
- 19-1334** LEMPert Elevator 7 1/4" (18.4 cm), curved 2 mm blade, light pattern
- 19-1336** LEMPert Elevator 7 1/4" (18.4 cm), curved 3 mm blade, light pattern
- 19-1340** LEMPert Elevator 7 1/4" (18.4 cm), curved 4 mm blade, heavy pattern
- 19-1350** LEMPert Endaural Curette 8 1/4" (21 cm), oval cup size 5/0
- 19-1352** LEMPert Endaural Curette 8 1/4" (21 cm), oval cup size 4/0
- 19-1354** LEMPert Endaural Curette 8 1/4" (21 cm), oval cup size 3/0
- 19-1356** LEMPert Endaural Curette 8 1/4" (21 cm), oval cup size 2/0
- 19-1820** Ear Suction Tube, with 2 interchangeable tips 20 ga. and 22 ga.



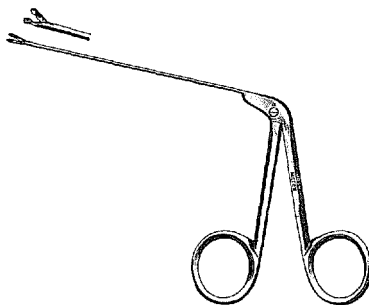
19-1350 to 19-1356



19-1820



19-2060



19-2120
19-2130

19-2060 WULLSTEIN Ear Scissors, 3" (7.6 cm) shaft, straight, very delicate

19-2120 WULLSTEIN Ear Forceps 3" (7.6 cm) shaft, oval cup jaws 1 mm wide

19-2130 WULLSTEIN Ear Forceps 3" (7.6 cm) shaft, round cup jaws 1 mm dia.

19-2081-B Micro Alligator Ear Forceps 3/4" (8.3 cm) shaft, serrated jaws 0.6 mm wide, ebony finish

19-2100 Micro Alligator Ear Forceps, 3/4" (8.3 cm) shaft, serrated jaws 0.8 mm wide

19-2100-B Micro Alligator Ear Forceps, 3/4" (8.3 cm) shaft, serrated jaws 0.8 mm wide, ebony finish

19-2090-B Micro Alligator Ear Forceps, 3/4" (8.3 cm) shaft, oval cup jaws 0.5 mm wide, ebony finish

19-2110 Micro Alligator Ear Forceps, 3/4" (8.3 cm) shaft, oval cup jaws 0.8 mm wide

19-2110-B Micro Alligator Ear Forceps, 3/4" (8.3 cm) shaft, oval cup jaws 0.8 mm wide, ebony finish

19-2138 HOUSE Strut Forceps, 2 3/4" (7 cm) shaft, smooth jaws 0.8 mm wide

19-2150-B BELLUCCI Micro Ear Scissors, 2 3/4" (7 cm) shaft, 4 mm blades, ebony finish



19-2081-B

19-2100

19-2138

19-2100-B

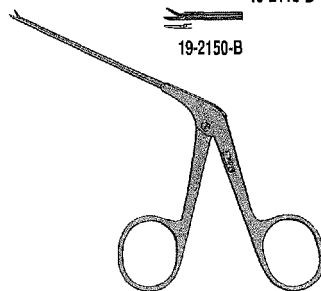


19-2090-B

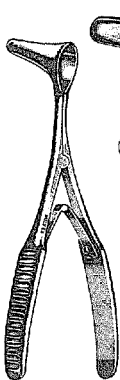
19-2110

19-2110-B

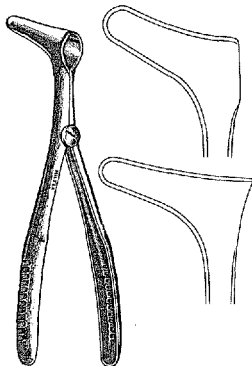
19-2150-B



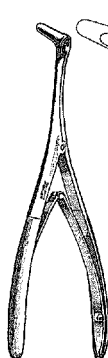
19-2081-B to 19-2150-B



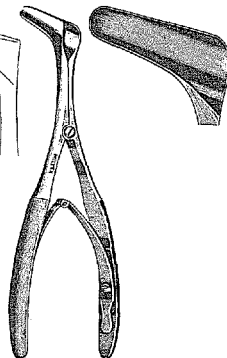
20-2 to 20-4



20-6
20-7

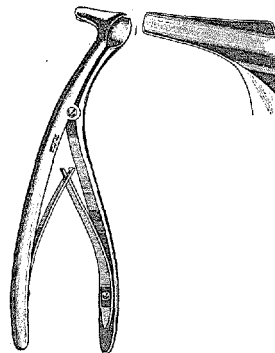


20-12

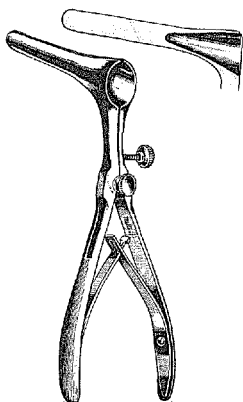


20-20

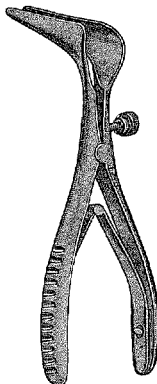
- 20-2 VIENNA Nasal Speculum 5¾" (14.6 cm), standard pattern, large size
- 20-3 VIENNA Nasal Speculum 5¾" (14.6 cm), standard pattern, medium size
- 20-4 VIENNA Nasal Speculum 5¾" (14.6 cm), standard pattern, small size
- 20-6 VIENNA Lightweight Nasal Speculum 5¾" (14.6 cm), adult size
- 20-7 VIENNA Lightweight Nasal Speculum 5¾" (14.6 cm), child size
- 20-12 TIECK (HALLE) Infant Nasal Speculum 5¾" (14 cm)
- 20-20 SONNENSCHN Nasal Speculum 6" (15.2 cm)
- 20-24 BECKMAN Nasal Speculum 6" (15.2 cm), angled on side



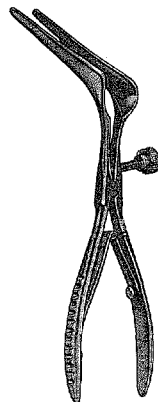
20-24



20-28 to 20-32



20-36-35 to 20-36-90



20-37-45 to 20-37-75

- 20-28** KILLIAN Septum Speculum 6" (15.2 cm), with set screw, 2" (5.1 cm) long blades
- 20-29** KILLIAN Septum Speculum 6" (15.2 cm), with set screw, 2½" (6.4 cm) long blades
- 20-30** KILLIAN Septum Speculum 6" (15.2 cm), with set screw, 3" (7.6 cm) long blades
- 20-32** KILLIAN Septum Speculum 6" (15.2 cm), with set screw, 3½" (8.9 cm) long blades
- 20-36-35** COTTLE Septum Speculum 6" (15.2 cm), with set screw, narrow 35 mm long blades, ebony finish
- 20-36-50** COTTLE Septum Speculum 6" (15.2 cm), with set screw, narrow 50 mm long blades, ebony finish
- 20-36-75** COTTLE Septum Speculum 6" (15.2 cm), with set screw, narrow 75 mm long blades, ebony finish
- 20-36-90** COTTLE Septum Speculum 6" (15.2 cm), with set screw, narrow 90 mm long blades, ebony finish
- 20-37-45** COTTLE Septum Speculum 5½" (14 cm), with set screw, extra delicate, very thin 45 mm long blades, ebony finish
- 20-37-75** COTTLE Septum Speculum 5½" (14 cm), with set screw, extra delicate, very thin 75 mm long blades, ebony finish



19-170



19-172



19-180



19-182



19-190



19-192



19-200



19-202

19-170 UEBE Applicator 7" (17.8 cm), triangular tip

19-172 UEBE Applicator 7" (17.8 cm), cross serrated tip

19-180 BROWN Applicator 6" (15.2 cm), triangular tip, copper

19-182 BROWN Applicator 6" (15.2 cm), cross serrated tip, copper

19-190 LATHBURY Applicator 5 1/2" (14 cm), triangular tip

19-192 LATHBURY Applicator 5 1/2" (14 cm), cross serrated tip

19-200 FARRELL Applicator 6 1/2" (16.5 cm), triangular tip

19-202 FARRELL Applicator 6 1/2" (16.5 cm), cross serrated tip

20-100 THEOBALD (FISH) Sinus Probe 6" (15.2 cm), sterling

20-102 SKILLERN Sinus Probe 6 1/2" (16.5 cm), graduated, sterling

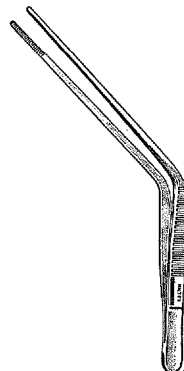
20-120 WILDE Nasal Dressing Forceps 6 1/2" (16.5 cm), angular



20-100



20-102



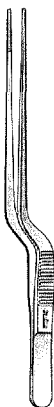
20-120



6-190



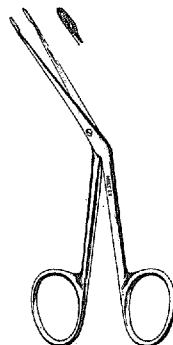
6-192



19-371

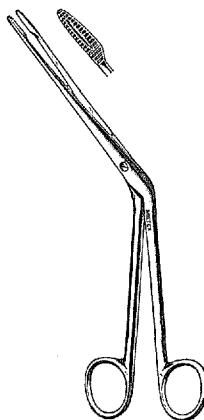


6-197
6-198

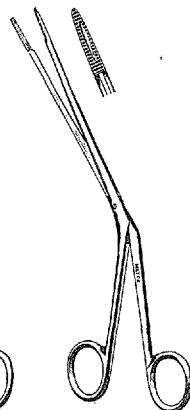


20-124

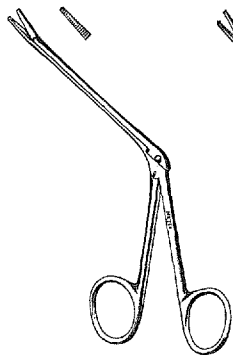
- 6-190** CUSHING Dressing Forceps 7 1/4" (18.4 cm), bayonet, serrated tips, scraper end
- 6-192** CUSHING Tissue Forceps 7 1/4" (18.4 cm), bayonet, 1 x 2 teeth, scraper end
- 19-371** JANSEN Bayonet Dressing Forceps 6 1/4" (15.9 cm), extra delicate with 2 mm wide serrated tips
- 6-197** JANSEN (GRUENWALD) Bayonet Dressing Forceps 6 1/4" (15.9 cm), serrated tips
- 6-198** ADSON Bayonet Dressing Forceps 8 1/4" (21 cm), serrated tips
- 20-124** HARTMAN Nasal Dressing Forceps 7" (17.8 cm), improved delicate pattern, serrated tips
- 20-126** HARTMAN Nasal Dressing Forceps 7 1/4" (18.4 cm), regular model, serrated tips
- 20-130** LITTAUER Nasal Dressing Forceps 6 3/4" (17.1 cm), slender mortised shanks, serrated tips



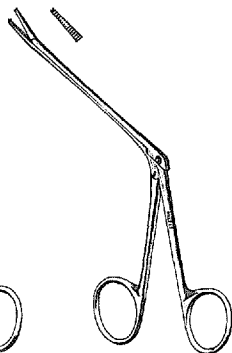
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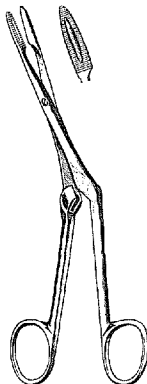
20-130



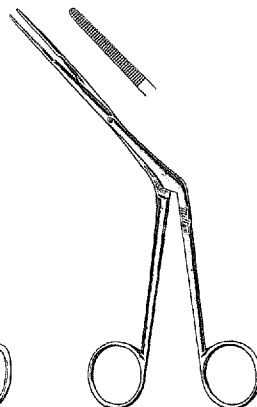
20-140
20-142



20-144

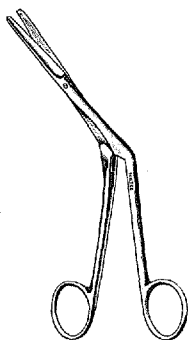


20-148

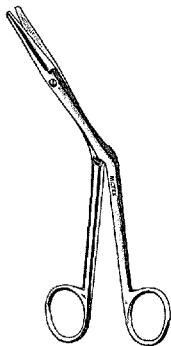


20-150

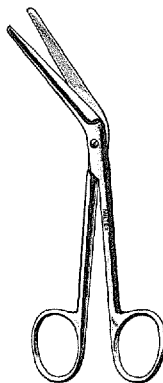
- 20-140** NOYES Alligator Forceps 5½" (14 cm) shaft, serrated jaws
- 20-142** NOYES Alligator Forceps 6½" (16.5 cm) shaft, serrated jaws
- 20-144** NOYES Alligator Forceps 5½" (14 cm) shaft, 1 x 2 teeth
- 20-148** KNIGHT Nasal Forceps 6¾" (17.1 cm), standard pattern, serrated tips
- 20-150** MUSEHOLDT Nasal Dressing Forceps 7" (17.8 cm), slender long serrated blades



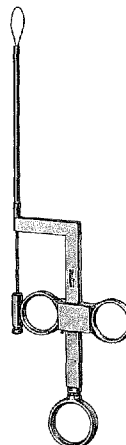
20-160



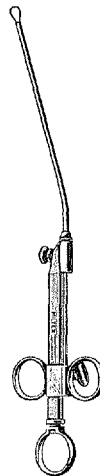
20-164



20-168



20-177



20-180

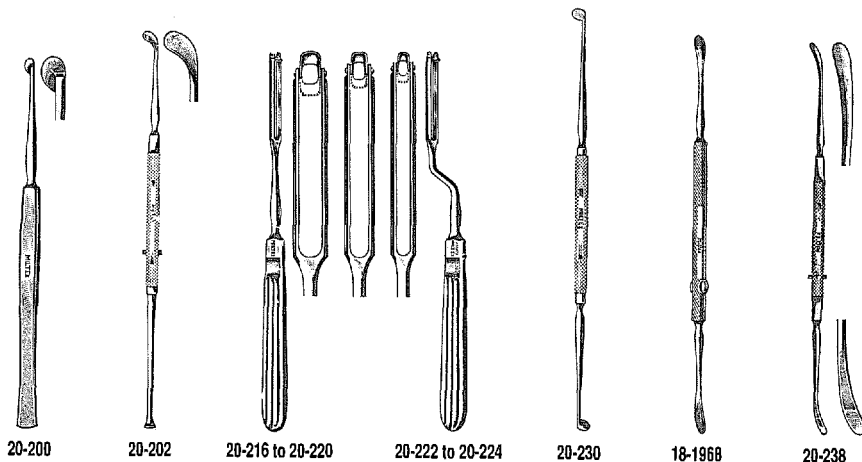
- 20-160** KNIGHT Nasal Scissors 6¾" (17.1 cm), angled on side, standard pattern
- 20-164** HEYMAN Nasal Scissors 6¾" (17.1 cm), angled on side, rounded blades
- 20-168** SEILER Turbinate Scissors 6¼" (15.9 cm), angled on side
- 20-177** BRUENING Nasal Snare 9" (22.9 cm), bayonet shape for unobstructed view
- 20-178** Stylet only for Bruening Snare
- 20-180** KRAUSE Nasal Snare 10" (25.4 cm), standard pattern with slightly angled cannula
- 20-182** Stylet only for Krause Snare
- 20-184** Cannula only for Krause Snare
- 20-186-4*** Cut Snare Wire, 4" (10.2 cm) long with formed ends, size 4, for nasal snares
- 20-186-5*** Cut Snare Wire, 4" (10.2 cm) long with formed ends, size 5, for nasal snares



20-186

*For Snare Wire size 1 see page 277

*For Snare Wire sizes 6, 7, 8 and 9 see page 361

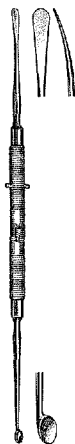


- 20-200** FREER Septum Knife 6¼" (15.9 cm), "D" model blade
20-202 FREER Submucous Knife 7½" (19.1 cm), angled blade

BALLENGER SWIVEL KNIVES 7¾" (19.7 cm)

Straight	Width	Bayonet
20-216	3 mm	20-222
20-218	4 mm	20-224
20-220	5 mm	—

- 20-230** PIERCE Double End Elevator 8½" (21.6 cm), with right and left blades
18-1968 FREER Elevator 7" (17.8 cm), double end sharp and blunt blades 5 mm wide
20-238 ROGER Septum Elevator 7¾" (19.7 cm), double ended with curved semi-sharp and blunt blades



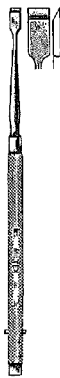
20-242



20-246



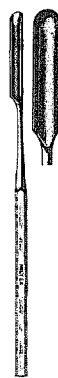
20-258



20-270



18-1960

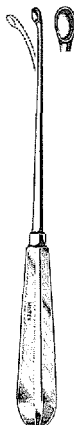


20-274

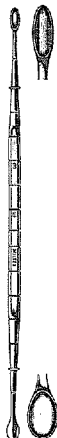


20-278 to 20-284

- 20-242** DUNNING Elevator and Curette 8¼" (21 cm), blunt elevator and sharp small oval curette
- 20-246** PENNINGTON Septum Elevator 8¼" (21 cm), double end for right and left side
- 20-258** HAJEK-BALLENGER Septum Elevator 7¼" (18.4 cm), double end straight semi-sharp and blunt blades
- 20-270** FREER Submucous Chisel 6½" (16.5 cm), straight, 4 mm wide
- 18-1960** FREER Submucous Chisel 6½" (16.5 cm), curved, 4 mm wide
- 20-274** FREER Septum Gouge 6¼" (15.9 cm), straight, 6 mm wide
- 20-278** BALLENGER V-Shaped Chisel 6¼" (15.9 cm), 2 mm wide
- 20-280** BALLENGER V-Shaped Chisel 6¼" (15.9 cm), 4 mm wide
- 20-282** BALLENGER V-Shaped Chisel 6¼" (15.9 cm), 6 mm wide
- 20-284** BALLENGER V-Shaped Chisel 6¼" (15.9 cm), 8 mm wide



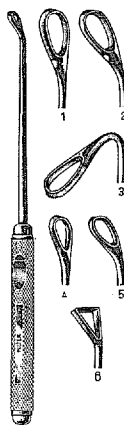
20-300



20-308



20-312



20-330 to 20-342



20-360

20-300 HALL Ethmoid Curette 8½" (21.6 cm), stainless oval cup on malleable copper shaft

20-308 MOSHER Ethmoid Curette 8¾" (22.2 cm), double end oval cups, shaft graduated in ½ inches (1.3 cm)

20-312 PRATT Ethmoid Curette 8¾" (21.6 cm), double end, fenestrated cup on angled shaft and solid cup on straight shaft

COAKLEY ANTRUM CURETTES 6¾" (17.1 cm)

20-330 Set of 6, Nos. 1 through 6

20-332 No. 1 Large Size 30° angle

20-334 No. 2 Large Size 60° angle

20-336 No. 3 Large Size 100° angle

20-338 No. 4 Small Size 30° angle

20-340 No. 5 Small Size 60° angle

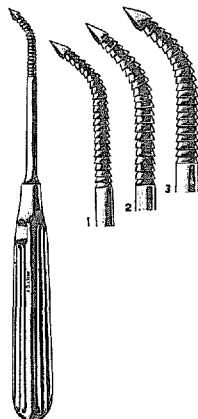
20-342 No. 6 Triangle 30° angle

20-360 FAULKNER Ethmoid Curette 9" (22.9 cm), double end 7 mm and 10 mm rings, sharp on both sides

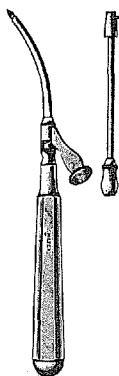
20-378 WIENER Antrum Rasp 8" (20.3 cm), No. 1 small with trocar tip

20-380 WIENER Antrum Rasp 8" (20.3 cm), No. 2 medium with trocar tip

20-382 WIENER Antrum Rasp 8" (20.3 cm), No. 3 large with trocar tip



20-378 to 20-382



20-400



20-404



20-420



20-424



20-428



20-430

- 20-400** COAKLEY Antrum Trocar 7" (17.8 cm), standard curve with 3 mm dia. cannula and irrigating extension
- 20-404** PIERCE Antrum Trocar 7" (17.8 cm), with 5 mm dia. cannula and tubing connection
- 20-420** LIGHTWICZ Antrum Trocar Needle 4½" (11.4 cm), 16 gauge with beveled stylet and crossbar, Luer lock
- 20-424** VAN ALYEA Antrum Cannula 4½" (11.4 cm), trocar tip 1.8 mm, Luer lock
- 20-428** RUSKIN Antrum Trocar Needle 4" (10.2 cm), straight, 16 gauge with cross bar and tubing connection, Luer lock
- 20-430** RUSKIN Antrum Trocar Needle, 4" (10.2 cm), curved, 16 gauge with cross bar and tubing connection, Luer lock
- 20-436** VAN ALYEA Frontal Sinus Cannula 6½" (16.5 cm), light curve, with tubing connection, Luer lock, sterling
- 20-438** VAN ALYEA Frontal Sinus Cannula 6½" (16.5 cm), strong curve, with tubing connection, Luer lock, sterling



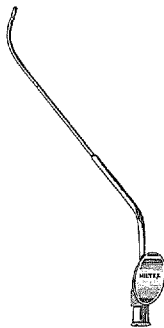
20-436



20-438



20-440



20-442



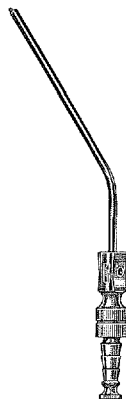
20-450



20-456

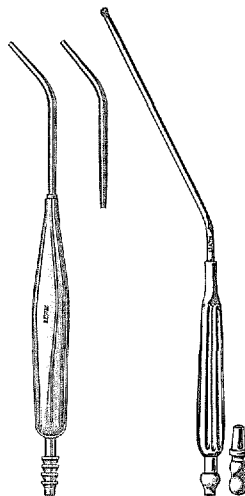


20-460



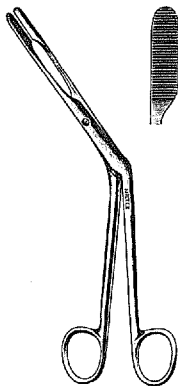
19-574

- 20-440** VAN ALYEA Antrum Cannula $4\frac{1}{2}$ " (11.4 cm), long curve, blunt tip, 1.8 mm, Luer lock
- 20-442** VAN ALYEA Frontal Cannula $4\frac{1}{2}$ " (11.4 cm), short curve, blunt tip, 1.8 mm, Luer lock
- 20-450** BOWER Sphenoid and Antrum Cannula $6\frac{1}{2}$ " (16.5 cm), dia. at tip 2 mm, lateral opening, Luer lock
- 20-456** KILLIAN (VON EICKEN) Antrum Cannula $5\frac{3}{4}$ " (14.6 cm), dia. 2.5 mm, bulbous tip, center opening, sterling
- 20-460** FRAZIER FERGUSON Suction Tube 9 Fr. (3 mm) straight, with finger cut-off
- 19-574** FRAZIER FERGUSON Suction Tube 9 Fr. (3 mm) angled, with finger cut-off
- 20-466** COUPLAND Suction Tube 10" (25.4 cm), with 2 interchangeable tips 1.5 and 2 mm, chrome
- 10-220** ANTHONY Suction Tube 10" (25.4 cm), lumen 2 mm, chrome

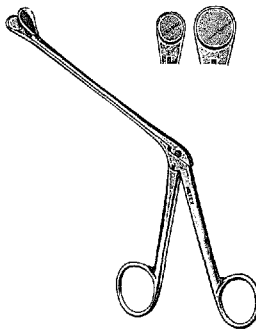


20-466

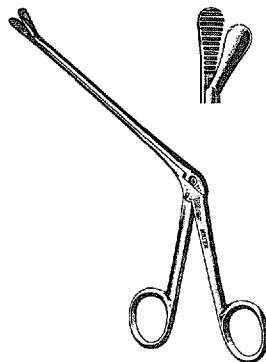
10-220



20-500

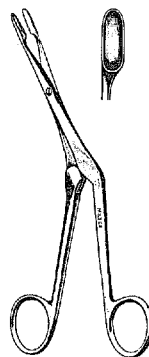


20-504
20-506

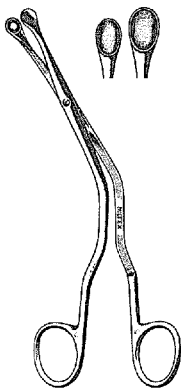


20-510

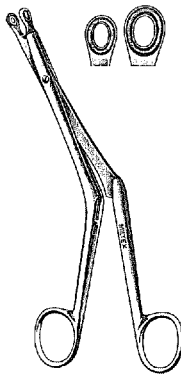
- 20-500** KILLIAN Septum Forceps 6¾" (17.1 cm), flat serrated jaws 25 x 5.5 mm, shaft 3¼" (8.3 cm)
- 20-504** WATSON-WILLIAMS Polyp Forceps 7¾" (19.7 cm), small jaws 6 mm wide, shaft 4½" (10.8 cm)
- 20-506** WATSON-WILLIAMS Polyp Forceps 7¾" (19.7 cm), large jaws 9 mm wide, shaft 4½" (10.8 cm)
- 20-510** LEWIS Septum Forceps 8" (20.3 cm), flat serrated jaws, 15 x 7 mm, shaft 4¾" (12.1 cm)
- 20-522** KNIGHT Septum Forceps 6¾" (17.1 cm), cup jaws 15 x 5 mm, shaft 3¼" (8.3 cm)



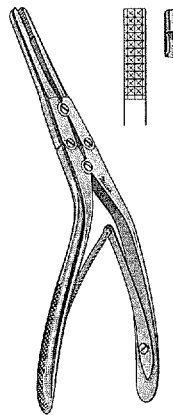
20-522



20-530
20-532

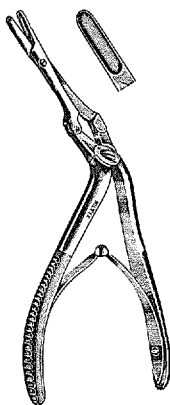


20-544
20-546

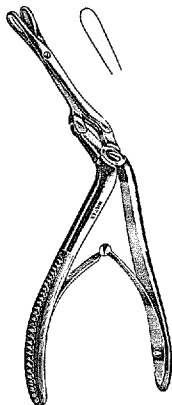


20-552
20-553

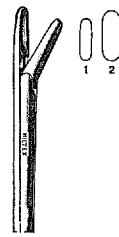
- 20-530** LUC Septum Forceps 7¾" (19.7 cm), cup jaws 9 x 5.5 mm
- 20-532** LUC Septum Forceps 7¾" (19.7 cm), cup jaws 11 x 6.5 mm
- 20-544** BRUENING Septum Forceps 7½" (19.1 cm), mortised shanks, small fenestrated cup jaws 7 mm wide
- 20-546** BRUENING Septum Forceps 7½" (19.1 cm), mortised shanks, large fenestrated cup jaws 8 mm wide
- 20-552** RUBIN Septal Morselizer 8" (20.3 cm), double action, deeply serrated jaws 17 x 5 mm, supplied with one slip-on guard
- 20-553** Slip-on guard only



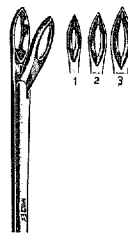
20-554



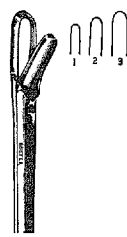
20-556



20-570
20-572



20-580 to 20-584



20-594 to 20-598

20-554 JANSEN-MIDDLETON Septum Forceps 7½" (19.1 cm), spoon-shaped cups 15 x 5 mm

20-556 JANSEN-MIDDLETON Septum Forceps 7½" (19.1 cm), through-cutting 19 x 4 mm

20-570 TAKAHASHI Ethmoid Forceps, 4½" (11.4 cm) shaft, 2.5 x 10 mm bite

20-572 TAKAHASHI Ethmoid Forceps, 4½" (11.4 cm) shaft, 4 x 10 mm bite

20-580 WILDE (BLAKESLEY) Ethmoid Forceps 5" (12.7 cm) shaft, pointed fenestrated cups 3 x 11 mm

20-582 WILDE (BLAKESLEY) Ethmoid Forceps 5" (12.7 cm) shaft, pointed fenestrated cups 4 x 12 mm

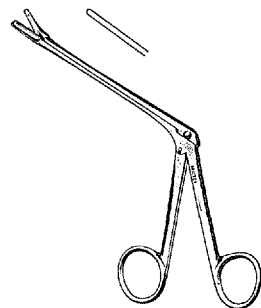
20-584 WILDE (BLAKESLEY) Ethmoid Forceps 5" (12.7 cm) shaft, pointed fenestrated cups 5 x 13 mm

20-594 GRUENWALD Nasal Forceps, 4½" (11.4 cm) shaft, through-cutting 2 x 10 mm bite

20-596 GRUENWALD Nasal Forceps, 4½" (11.4 cm) shaft, through-cutting 2.5 x 12 mm bite

20-598 GRUENWALD Nasal Forceps, 4½" (11.4 cm) shaft, through-cutting 3 x 12 mm bite

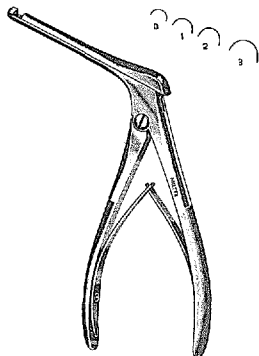
20-630 STRUYKEN Turbinate Forceps, 4½" (11.4 cm) shaft, through-cutting 1 x 15 mm bite



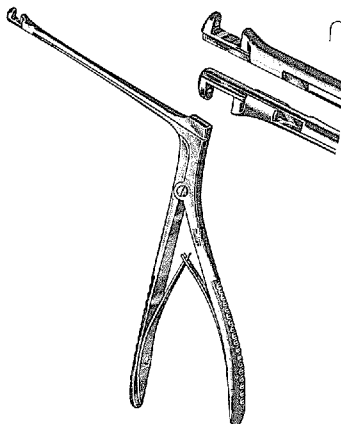
20-630



Nasal Instruments

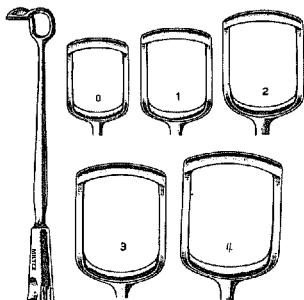


18-1990 to 18-1996



20-660
20-662

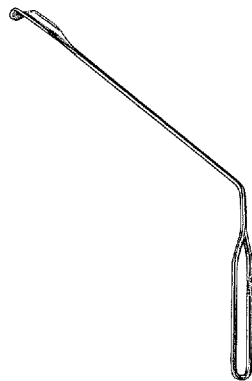
18-1990	KERRISON Rongeur, 3" (7.6 cm) shaft, size 0, 3.5 mm bite
18-1992	KERRISON Rongeur, 3" (7.6 cm) shaft, size 1, 4 mm bite
18-1994	KERRISON Rongeur, 3" (7.6 cm) shaft, size 2, 4.5 mm bite
18-1996	KERRISON Rongeur, 3" (7.6 cm) shaft, size 3, 5 mm bite
20-660	HAJEK Antrum Rongeur, 5" (12.7 cm) shaft, up-bite
20-662	HAJEK Antrum Rongeur, 5" (12.7 cm) shaft, down-bite



20-800 to 20-808

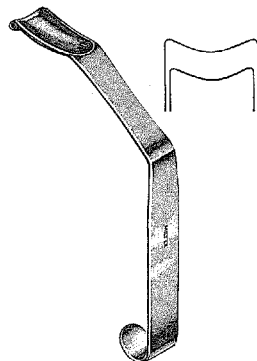


20-809



20-835

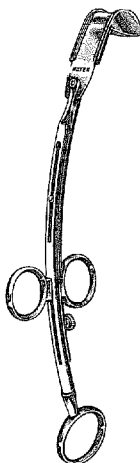
- 20-800 BARNHILL Adenoid Curette 8½" (21.6 cm), size 0, 11 mm blade
- 20-802 BARNHILL Adenoid Curette 8½" (21.6 cm), size 1, 13 mm blade
- 20-804 BARNHILL Adenoid Curette 8½" (21.6 cm), size 2, 15 mm blade
- 20-806 BARNHILL Adenoid Curette 8½" (21.6 cm), size 3, 17 mm blade
- 20-808 BARNHILL Adenoid Curette 8½" (21.6 cm), size 4, 19 mm blade
- 20-809 VOGEL Adenoid Curette 8½" (21.6 cm), infant size, 7 mm blade
- 20-835 LOTHROP Uvula Retractor 8" (20.3 cm) shaft, grooved blade
40 x 18 mm with 5 mm lip
- 20-836 LOVE Uvula Retractor, 18 mm wide blade
- 20-838 LOVE Uvula Retractor, 20 mm wide blade



20-836
20-838



20-850 to 20-856

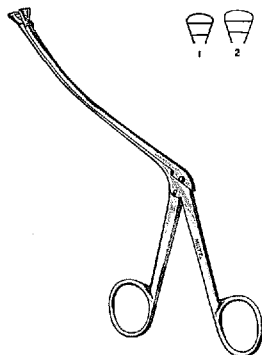


20-872 to 20-876

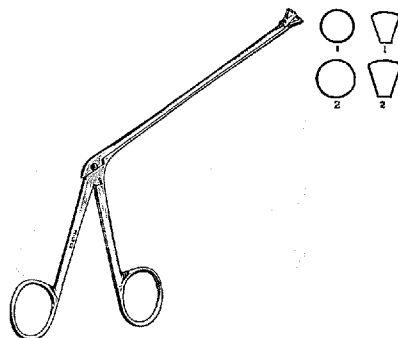


20-890

- 20-850** LAFORCE Adenotome 8½" (21.6 cm), infant size 0, cuts 7 mm width
- 20-852** LAFORCE Adenotome 9½" (24.1 cm), small size 1, cuts 11 mm width
- 20-854** LAFORCE Adenotome 9½" (24.1 cm), medium size 2, cuts 13 mm width
- 20-856** LAFORCE Adenotome 9½" (24.1 cm), large size 3, cuts 16 mm width
- 20-858-0** Blade 10 mm wide, solid, for size 0 LaForce Adenotome
- 20-858-1** Blade 13 mm wide, perforated, for size 1 LaForce Adenotome
- 20-858-2** Blade 16 mm wide, perforated, for size 2 LaForce Adenotome
- 20-858-3** Blade 19 mm wide, perforated, for size 3 LaForce Adenotome
- 20-872** SHAMBAUGH Adenotome 9½" (24.1 cm), reverse curve, small size 1, cuts 11 mm width
- 20-874** SHAMBAUGH Adenotome 9½" (24.1 cm), reverse curve, medium size 2, cuts 13 mm width
- 20-876** SHAMBAUGH Adenotome 9½" (24.1 cm), reverse curve, large size 3, cuts 15 mm width
- 20-878-1** Blade 13 mm wide, perforated, for size 1 Shambaugh Adenotome
- 20-878-2** Blade 16 mm wide, perforated, for size 2 Shambaugh Adenotome
- 20-878-3** Blade 19 mm wide, perforated, for size 3 Shambaugh Adenotome
- 20-890** YANKAUER Pharyngeal Speculum

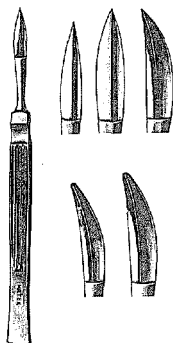


20-910
20-912



29-922 to 20-928

- 20-910** RONIS Adenoid Punch, 5" (12.7 cm) shaft curved upwards, small triangular jaws
- 20-912** RONIS Adenoid Punch, 5" (12.7 cm) shaft curved upwards, large triangular jaws
- 20-922** MELTZER Adenoid Punch 5" (12.7 cm) shaft, small round jaws with basket, size 1
- 20-924** MELTZER Adenoid Punch 5" (12.7 cm) shaft, large round jaws with basket, size 2
- 20-926** MELTZER Adenoid Punch 5" (12.7 cm) shaft, small triangular jaws with basket, size 1
- 20-928** MELTZER Adenoid Punch 5" (12.7 cm) shaft, large triangular jaws with basket, size 2



21-2 to 21-18



21-20



21-40



21-24



21-28



21-32

JOSEPH NASAL KNIVES 6" (15.2 cm), Double Edge

Pointed Tips

- 21-2** Small blade, straight
- 21-4** Large blade, straight
- 21-8** Large blade, curved

Blunt Tips

- 21-16** Small blade, curved
- 21-18** Large blade, curved

- 21-20** JOSEPH Button End Knife 6" (15.2 cm), straight blade 4 x 30 mm
- 21-40** JOSEPH Button End Knife 6 1/4" (15.9 cm), angled blade 4 x 12 mm
- 21-24** CONVERSE Bistouri 6" (15.2 cm), with button end, curved blade 4 x 35 mm
- 21-28** FOMON Knife 5 1/2" (14 cm), double edge, blunt tip, curved
- 21-32** COTTLE Nasal Knife 5 1/2" (14 cm), straight blade, 4 mm wide



18-1968



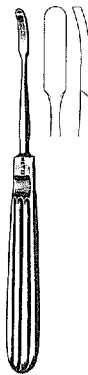
21-60



21-62
21-63



21-64



21-68

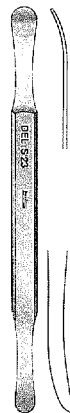


21-72



73-62

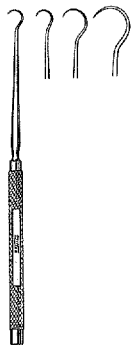
- 18-1968** FREER Septum Elevator 7" (17.8 cm), double end, sharp and blunt blades 5 mm wide
- 21-60** COTTLE Septum Elevator 9" (22.9 cm), double end, graduated in cm.
- 21-62** McKENTY Septum Elevator 5½" (14 cm), curved at tip, 4 mm wide
- 21-63** McKENTY Septum Elevator 5½" (14 cm), curved at tip, 5 mm wide
- 21-64** JOSEPH Periosteal Elevator 7" (17.8 cm), blade 6.5 mm wide, strong curve
- 21-68** FOMON Periosteal Elevator 6¼" (15.9 cm), slightly curved blade 4.5 mm wide, standard pattern
- 21-72** COTTLE Skin Elevator 7½" (19.1 cm), slightly curved blade 9 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 3mm wide
- DELS23** SELDIN Periosteal Elevator 7¾" (19.7 cm), double end, slightly curved blades 10 mm and 13 mm wide



DELS23



Plastic Surgery Instruments



21-85 to 21-87



21-88
21-89



21-90 to 21-94



18-412
18-414



26-1084
26-1086



18-416



18-418



18-420

- 21-85 KLEINERT-KUTZ Hook 5" (12.7 cm), small size, 3 mm dia.
21-86 KLEINERT-KUTZ Hook 5" (12.7 cm), medium size, 5 mm dia.
21-87 KLEINERT-KUTZ Hook 5" (12.7 cm), large size, 7 mm dia.

- 21-88 GILLIES (CONVERSE) Skin Hook 7" (17.8 cm), large size
21-89 GILLIES (CONVERSE) Skin Hook 7" (17.8 cm), small size

- 21-90 COTTLE Skin Hook 5½" (14 cm), small, shallow curve
21-92 COTTLE Skin Hook 5½" (14 cm), small, deep curve
21-94 COTTLE Skin Hook 5½" (14 cm), large, deep curve

- 18-412 TYRELL (Iris) Hook 5" (12.7 cm), sharp
18-414 TYRELL (Iris) Hook 5" (12.7 cm), blunt

- 26-1084 FRAZIER Dura Hook 5" (12.7 cm), sharp point
26-1086 FRAZIER Dura Hook 5" (12.7 cm), blunt point

- 18-416 GUTHRIE (Iris) Hook 5" (12.7 cm), sharp double prongs 1.5 mm wide

- 18-418 WIENER Hook 5" (12.7 cm), sharp
18-420 WIENER Hook 5" (12.7 cm), blunt

- 18-428 NUGENT Hook 4¾" (12.1 cm), right angle, sharp

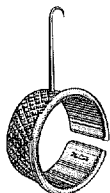
- 21-102 FREER Skin Hook 6" (15.2 cm), sharp double prongs 2.5 mm wide
21-103 FREER Skin Hook 6" (15.2 cm), blunt double prongs 2.5 mm wide



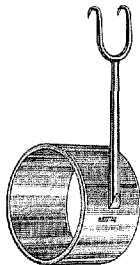
18-428

21-102
21-103

For additional Hooks see pages 188 - 194



21-107



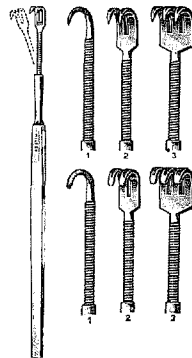
21-108



18-439



11D-27



11-30 to 11-40

21-107 MILLARD Thimble Retractor, 5/8" (1.6 cm) working length, sharp single hook

21-108 COTTLE Thumb Retractor, 1 1/2" (3.8 cm) working length, sharp double hook
8 mm wide

18-439 MCGANNON Retractor 5" (12.7 cm), fenestrated blade 2.5 mm wide

11D-27 Flexible Neck Rake Retractor 5" (12.7 cm), 3 sharp prongs

11-30 Flexible Neck Rake Retractor 6" (15.2 cm), 1 sharp prong

11-32 Flexible Neck Rake Retractor 6" (15.2 cm), 2 sharp prongs

11-34 Flexible Neck Rake Retractor 6" (15.2 cm), 3 sharp prongs

11-36 Flexible Neck Rake Retractor 6" (15.2 cm), 1 blunt prong

11-38 Flexible Neck Rake Retractor 6" (15.2 cm), 2 blunt prongs

11-40 Flexible Neck Rake Retractor 6" (15.2 cm), 3 blunt prongs

11-50 Rigid Neck Rake Retractor 6" (15.2 cm), 1 sharp prong

11-52 Rigid Neck Rake Retractor 6" (15.2 cm), 2 sharp prongs

11-54 Rigid Neck Rake Retractor 6" (15.2 cm), 3 sharp prongs

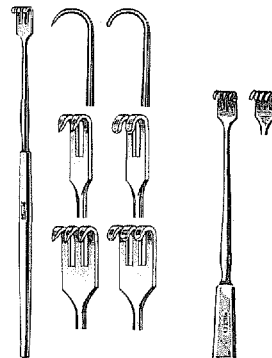
11-56 Rigid Neck Rake Retractor 6" (15.2 cm), 1 blunt prong

11-58 Rigid Neck Rake Retractor 6" (15.2 cm), 2 blunt prongs

11-60 Rigid Neck Rake Retractor 6" (15.2 cm), 3 blunt prongs

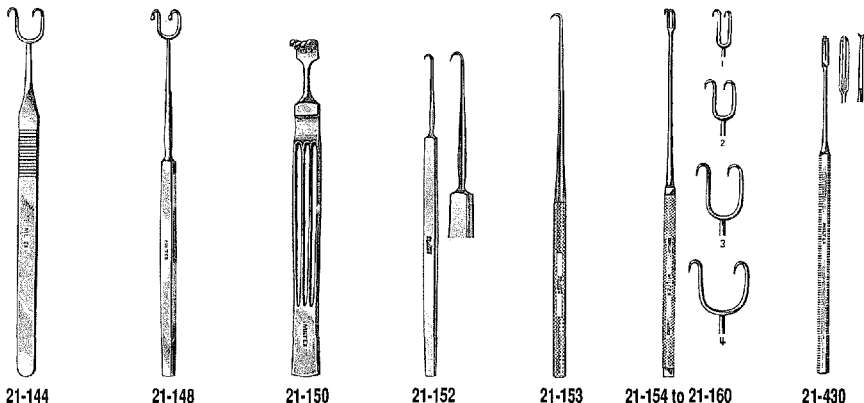
18-100 KNAPP (ROLLET) Retractor 5 1/4" (13.3 cm) with 4 sharp prongs

18-102 KNAPP Retractor 5 1/4" (13.3 cm), with 4 blunt prongs



11-50 to 11-60

18-100
18-102



21-144 COTTLE Double Hook 5½" (14 cm), two sharp prongs 12 mm wide

21-148 FOMON Retractor 6½" (16.5 cm), two ball end prongs 11 mm wide

21-150 COTTLE Retractor 5½" (14 cm), four blunt prongs, 2 center prongs recessed

21-152 MILTEX Skin Hook 4¾" (12.1 cm), sharp prong 2 mm dia.

21-153 JOSEPH Single Hook 6¼" (15.9 cm), one sharp prong

21-154 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 2 mm

21-156 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 5 mm

21-158 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 7 mm

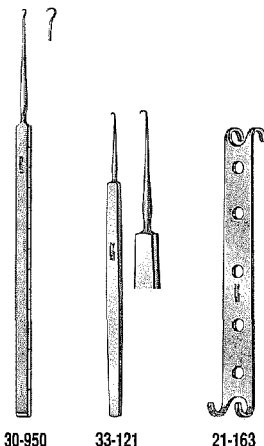
21-160 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 10 mm

21-430 MILTEX Tissue Twist Hook 5½" (14 cm)

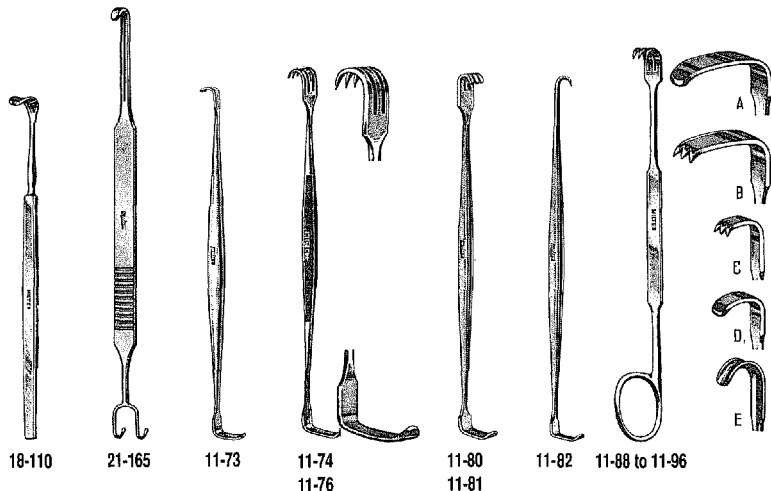
30-950 MILTEX Tenaculum Hook 8" (20.3 cm), extra delicate pointed hook, handle graduated in cm

33-121 SELTZER Dermal Biopsy Hook 4½" (11.4 cm), sharp point

21-163 CONVERSE Alar Retractor 4" (10.2 cm), double end, with blunt double hooks 10 mm and 14 mm wide



For additional Hooks see pages 188 - 194



- 18-110** DESMARRES Alar Retractor 5½" (14 cm), 11 mm wide blade
- 21-165** COTTLE Knife Guide and Retractor 8" (20.3 cm), double end, ball tip prongs 10 mm wide, and 5 mm wide slotted hook
- 11-73** RAGNELL Retractor 6" (15.2 cm), double end 3 x 8 mm and 5 x 15 mm blades, delicate
- 11-74** SENN Retractor 6¾" (16.2 cm), double end, 3 sharp prongs
- 11-76** SENN Retractor 6¾" (16.2 cm), double end, 3 blunt prongs
- 11-80** MATHIEU Retractor 6½" (16.5 cm), double end, 3 sharp prongs
- 11-81** MATHIEU Retractor 6½" (16.5 cm), double end, 3 blunt prongs
- 11-82** MEYERDING Skin Hook and Retractor 6¼" (15.9 cm), double end
- 11-88** MEYERDING Finger Retractor 7" (17.8 cm), style A. Blade ¼" (.64 cm) x 1¼" (1.7 cm)
- 11-90** MEYERDING Finger Retractor 7" (17.8 cm), style B. Blade ⅜" (.48 cm) x ¾" (1.6 cm)
- 11-92** MEYERDING Finger Retractor 7" (17.8 cm), style C. Blade ⅜" (.32 cm) x ¼" (.64 cm)
- 11-94** MEYERDING Finger Retractor 7" (17.8 cm), style D. Blade ⅜" (.24 cm) x ¾" (1 cm)
- 11-96** MEYERDING Finger Retractor 7" (17.8 cm), style E. Blade ¼" (.64 cm) x ¾" (2.2 cm)
- 23-1047** LUKENS Retractor 6¾" (17.1 cm), 10 mm wide curved and 7 mm wide angular blades

For a full line of Retractors see pages 151 - 187



23-1047



Plastic Surgery Instruments



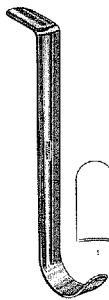
23-1049



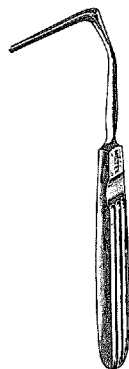
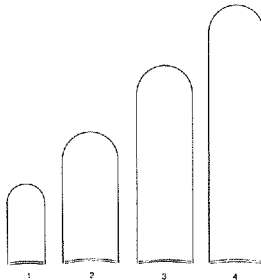
21-176



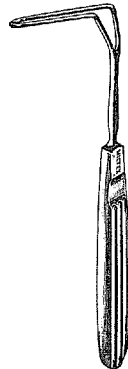
21-180



21-182 to 21-185



21-188



21-190

23-1049 JACKSON Retractor 7" (17.8 cm), double end, 2 blunt prongs $\frac{5}{16}$ " (2.4 cm) wide, and solid blade $\frac{3}{8}$ " (1 cm) wide

21-176 NEIVERT Knife Guide and Retractor 6½" (16.5 cm), double end, open blade 14 mm wide

21-180 LOVE Nerve Retractor 8½" (21.6 cm), blade 7 mm wide

21-182 CONVERSE Blade Retractor 3¾" (9.5 cm), size 1

21-183 CONVERSE Blade Retractor 3¾" (9.5 cm), size 2

21-184 CONVERSE Blade Retractor 3¾" (9.5 cm), size 3

21-185 CONVERSE Blade Retractor 3¾" (9.5 cm), size 4

21-188 AUFRICHT Nasal Retractor-Speculum 6½" (16.5 cm), solid blade 45 mm long

21-190 AUFRICHT Nasal Retractor 7" (17.8 cm), fenestrated blade 45 mm long

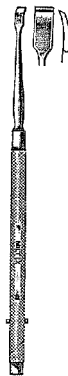
20-270 FREER Septum Chisel 6½" (16.5 cm), straight 4 mm wide

18-1960 FREER Septum Chisel 6½" (16.5 cm), curved 4 mm wide

20-274 FREER Septum Gouge 6¼" (15.9 cm), straight 6 mm wide



20-270

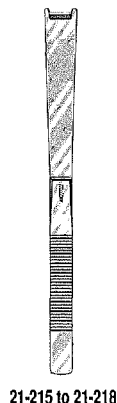
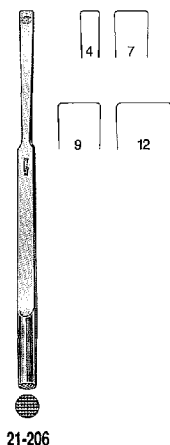
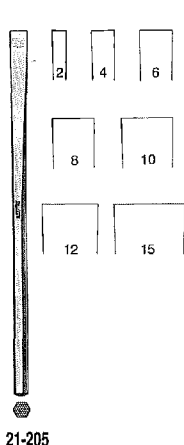


18-1960



20-274

For a full line of Retractors see pages 151 - 187



SHEEHAN OSTEOTOMES 6¼" (15.9 cm), hexagon handle

21-205-2	2 mm wide	21-205-10	10 mm wide
21-205-4	4 mm wide	21-205-12	12 mm wide
21-205-6	6 mm wide	21-205-15	15 mm wide
21-205-8	8 mm wide		

21-206-4 COTTLE Osteotome 7" (17.8 cm), 4 mm wide, rounded corners

21-206-7 COTTLE Osteotome 7" (17.8 cm), 7 mm wide, rounded corners

21-206-9 COTTLE Osteotome 7" (17.8 cm), 9 mm wide, rounded corners

21-206-12 COTTLE Osteotome 7" (17.8 cm), 12 mm wide, rounded corners

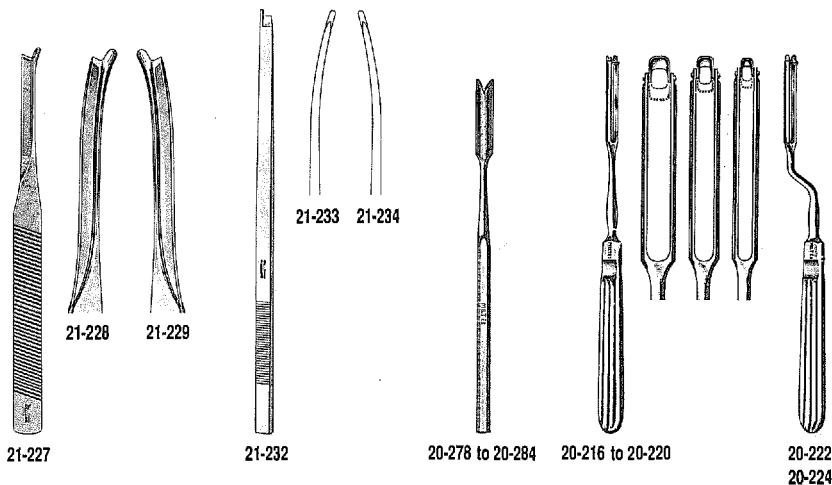
21-212 COTTLE Chisel 7¼" (18.4 cm), curved 5 mm, with depth graduations in cm.

21-215 CINELLI Osteotome 6½" (16.5 cm), with double guards, 10 mm cut

21-216 CINELLI Osteotome 6½" (16.5 cm), with double guards, 12 mm cut

21-217 CINELLI Osteotome 6½" (16.5 cm), with double guards, 14 mm cut

21-218 CINELLI Osteotome 6½" (16.5 cm), with double guards, 16 mm cut



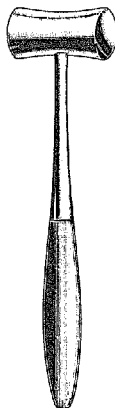
- 21-227** SILVER Osteotome 7" (17.8 cm), single guard, straight
21-228 SILVER Osteotome 7" (17.8 cm), single guard, right
21-229 SILVER Osteotome 7" (17.8 cm), single guard, left
21-232 NEIVERT Osteotome 8" (20.3 cm), straight, with single guard
21-233 NEIVERT-ANDERSON Osteotome 8" (20.3 cm), curved right, with single guard
21-234 NEIVERT-ANDERSON Osteotome 8" (20.3 cm), curved left, with single guard
20-278 BALLENGER V-Shaped Chisel 6¼" (15.9 cm), 2 mm wide
20-280 BALLENGER V-Shaped Chisel 6¼" (15.9 cm), 4 mm wide
20-282 BALLENGER V-Shaped Chisel 6¼" (15.9 cm), 6 mm wide
20-284 BALLENGER V-Shaped Chisel 6¼" (15.9 cm), 8 mm wide

BALLENGER SWIVEL KNIVES 7¾" (19.7 cm)

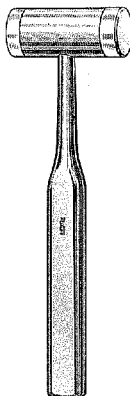
Straight	Width	Bayonet
20-216	3 mm	20-222
20-218	4 mm	20-224
20-220	5 mm	—



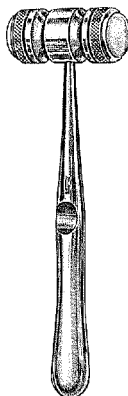
19-790



19-792



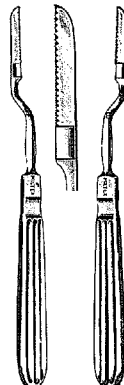
19-793 to 19-795



19-796



21-280



21-282
21-284

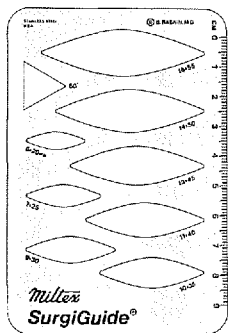
- 19-790 GERZOG Mallet 7½" (19.1 cm), head 8 oz. (226 g) lead filled with stainless jacket
- 19-792 LUCAE Mallet 7½" (19.1 cm), head 9 oz. (255 g), solid stainless
- 19-793 MILTEX Mallet 7½" (19.1 cm), lightweight 7.5 oz. (213 g), stainless head 1" (2.5 cm) dia. with 2 replaceable nylon caps
- 19-794 MILTEX Mallet 7½" (19.1 cm), lightweight 9 oz. (255 g), stainless head 1" (2.5 cm) dia. with 1 stainless face and 1 replaceable nylon cap
- 19-795 Nylon Cap Replacement for Nos. 19-793 and 19-794 Mallets
- 19-796 MEAD Mallet 7½" (19.1 cm), head 8 oz. (226 g) with 2 replaceable nylon caps
- 19-797 Nylon Cap Replacement for No. 19-796 Mallet
- 21-280 JOSEPH Nasal Saw 7½" (19.1 cm), straight
- 21-282 JOSEPH Nasal Saw 7½" (19.1 cm), bayonet, right
- 21-284 JOSEPH Nasal Saw 7½" (19.1 cm), bayonet, left
- 40-2000 MILTEX Nasal Saw 6" (15.2 cm), blade 2" (5.1 cm)



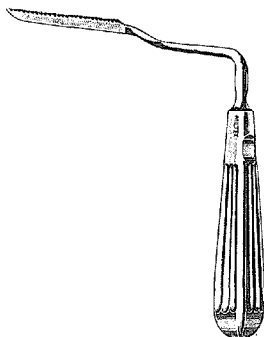
40-2000



Plastic Surgery Instruments

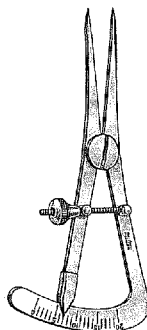


21-278



21-288

21-290



18-650



18-657

21-278 SURGIGUIDE Template for outlining lesions, 110 x 75 mm, flexible stainless steel

21-288 JOSEPH Nasal Saw, angled right

21-290 JOSEPH Nasal Saw, angled left

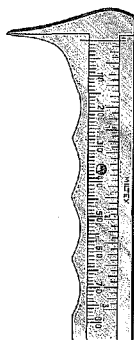
18-650 CASTROVIEJO Caliper 3 1/4" (8.3 cm), a combination measuring and marking caliper, graduated 0-20 mm

18-657 THORPE Caliper 4 1/2" (11.4 cm), graduated in inches and mm

18-658 JAMESON Caliper 3 3/4" (9.5 cm), graduated in inches and mm, with thin tips

18-660 Flexible Stainless Ruler 6" (15.2 cm) x 1/2" (1.3 cm), graduated in 1/32" (.8 mm) fractions and mm

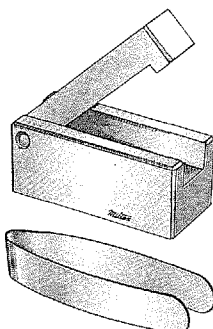
21-300 COTTLE Cartilage Crusher, 16 mm wide anvil, with removing forceps



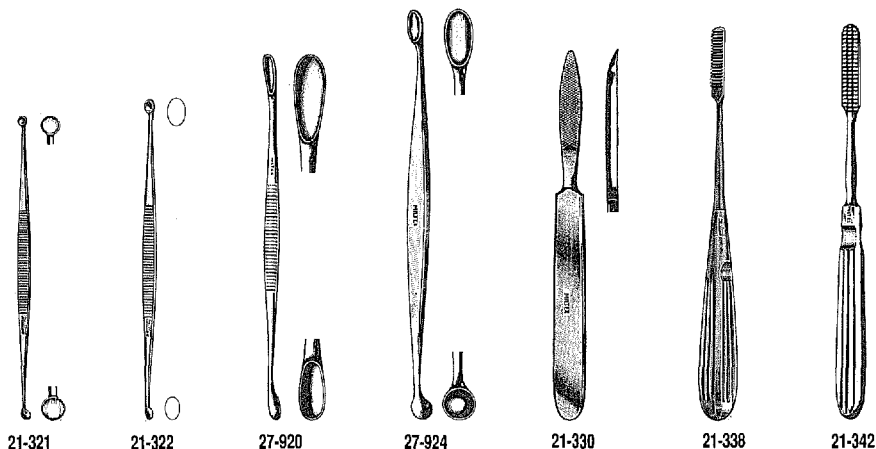
18-658



18-660



21-300



- 21-321 MARTINI Bone Curette 5½" (14 cm), double end, 4 mm and 5 mm round cups
- 21-322 WILLIGER Bone Curette 5½" (14 cm), double end, 3 mm and 4 mm oval cups
- 27-920 VOLKMAN Bone Curette 5½" (14 cm), double end, oval cups 5 x 10 mm and 6 x 20 mm
- 27-924 VOLKMAN Bone Curette 5½" (14 cm), double end, oval cups 6 x 10 mm and round cup 7 mm dia.
- 21-330 JOSEPH Rasp 6¼" (15.9 cm), fine cross serrations
- 21-338 COTTLE Rasp 8" (20.3 cm), backward cutting
- 21-342 MALTZ Rasp 7" (17.8 cm), backward cutting



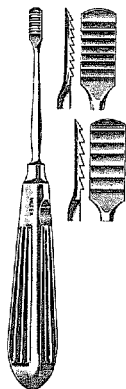
Plastic Surgery Instruments



21-343



21-346
21-348



21-352
21-354



21-360



21-368 to 21-370



21-379

21-343 MALTZ Rasp 8¼" (21 cm), improved double end pattern, one end forward other end backward cutting

21-346 AUFRICHT Glabella Rasp 8¼" (21 cm), curved blade, forward cutting
21-348 AUFRICHT Glabella Rasp 8¼" (21 cm), curved blade, backward cutting

21-352 LEWIS Rasp 7½" (19.1 cm), fine teeth, backward cutting
21-354 LEWIS Rasp 7½" (19.1 cm), coarse teeth, backward cutting

21-360 GALLAHER Rasp 7½" (19.1 cm), coarse teeth, convex

21-368 FOMON Rasp 8¼" (21 cm), double end, 4-sided, fine and coarse teeth, both in flat and convex

21-369 FOMON Rasp 8¼" (21 cm), double end, coarse teeth flat and convex
21-370 FOMON Rasp 8¼" (21 cm), double end, fine teeth flat and convex

21-379 Stainless Wire Brush 6¼", for cleaning rasps and files, Autoclavable

3-1001 MILTEX Instrument Cleaning Brushes 7½" (18.4 cm)
Stainless steel bristles. Designed to clean instrument serrations, rasps, files and burs (set of 3), Autoclavable



3-1001



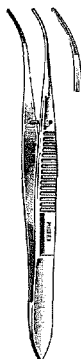
6-24 to 6-30



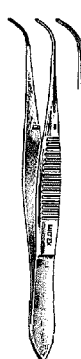
6-28XL



18-780



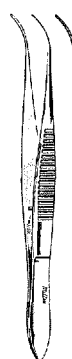
18-782



18-784



18-779



18-781



18-783

6-24	Dressing Forceps 4 1/2" (11.4 cm), delicate pattern
6-26	Dressing Forceps 5" (12.7 cm), delicate pattern
6-28	Dressing Forceps 5 1/2" (14 cm), delicate pattern
6-28XL	Dressing Forceps 5 1/2" (14 cm), delicate pattern, lightweight, fenestrated handles
6-30	Dressing Forceps 6" (15.2 cm), delicate pattern

EYE DRESSING FORCEPS 4" (10.2 cm), SERRATED TIPS

Standard Pattern 0.8 mm wide tips		Extra Delicate Pattern 0.5 mm wide tips	
18-780	Straight	18-779	Straight
18-782	Half curved	18-781	Half curved
18-784	Full curved	18-783	Full curved

For additional Dressing & Tissue Forceps see pages 64 - 82



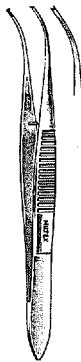
Plastic Surgery Instruments



6-90 to 6-96



18-786
18-787



18-788



18-790



18-785



18-789



18-791



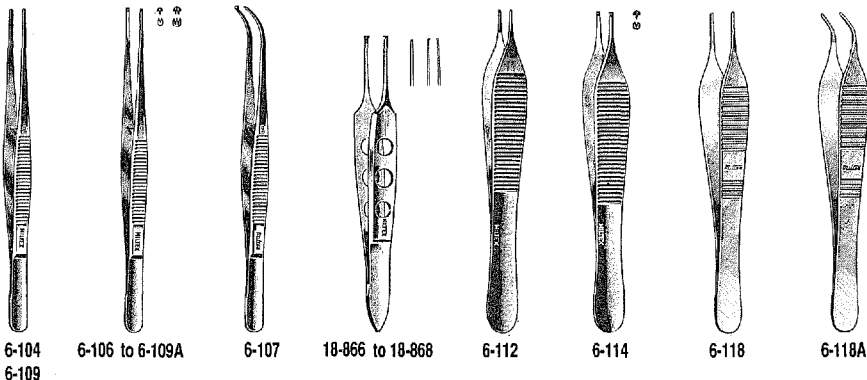
6-100

6-90	Tissue Forceps, 1 x 2 teeth, 4½" (11.4 cm), delicate pattern
6-92	Tissue Forceps, 1 x 2 teeth, 5" (12.7 cm), delicate pattern
6-94	Tissue Forceps, 1 x 2 teeth, 5½" (14 cm), delicate pattern
6-96	Tissue Forceps, 1 x 2 teeth, 6" (15.2 cm), delicate pattern

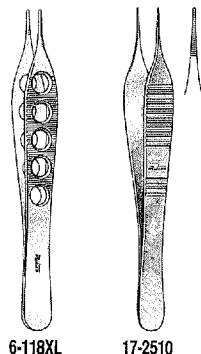
IRIS TISSUE FORCEPS 4" (10.2 cm), 1 x 2 TEETH

Standard Pattern 0.8 mm wide tips		Extra Delicate Pattern 0.5 mm wide tips	
18-786	Straight	18-785	Straight
18-787	Straight (Non Magnetic)	18-789	Half curved
18-788	Half curved	18-791	Full curved
18-790	Full curved		
6-100	Dressing Forceps 5" (12.7 cm), curved fine tips		

For additional Dressing & Tissue Forceps see pages 64 - 82



- 6-104** SEMKEN Dressing Forceps 5" (12.7 cm), serrated
- 6-106** SEMKEN Tissue Forceps 5" (12.7 cm), 1 x 2 teeth
- 6-107** SEMKEN Tissue Forceps 5" (12.7 cm), 1 x 2 teeth, curved tips
- 6-108** SEMKEN Tissue Forceps 5" (12.7 cm), 2 x 3 teeth
- 6-109** SEMKEN Dressing Forceps 6" (15.2 cm), serrated
- 6-109A** SEMKEN Tissue Forceps 6" (15.2 cm), 1 x 2 teeth
- 18-866** BISHOP-HARMON Dressing Forceps 3 3/8" (8.6 cm), fine cross-serrated tips 0.5 mm wide
- 18-867** BISHOP-HARMON Micro Tissue Forceps 3 3/8" (8.6 cm), delicate 0.3 mm 1 x 2 teeth
- 18-868** BISHOP-HARMON Tissue Forceps 3 3/8" (8.6 cm), standard 0.7 mm 1 x 2 teeth
- 6-112** HUDSON (EWALD) Dressing Forceps 4 3/4" (12.1 cm), serrated
- 6-114** HUDSON (EWALD) Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth
- 6-118** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate
- 6-118A** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate, angled
- 6-118XL** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, lightweight, fenestrated handles
- 17-2510** Micro ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated tips, 0.5 mm wide



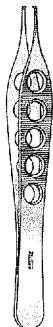
For additional Dressing & Tissue Forceps see pages 64 - 82



6-120
6-122



6-120A



6-120XL



6-121

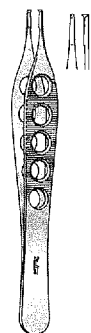


17-2500



6-123

- 6-120** ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth, delicate
- 6-120A** ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth, delicate, angled
- 6-120XL** ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth, lightweight, fenestrated handles
- 6-121** ADSON Tissue Forceps 4¾" (12.1 cm), 1 x 2 teeth and serrated, delicate
- 17-2500** Micro ADSON Tissue Forceps 4¾" (12.1 cm), tips 0.5 mm wide, 1 x 2 teeth
- 6-122** ADSON Tissue Forceps 4¾" (12.1 cm), 2 x 3 teeth, delicate
- 6-123** ADSON Tissue and Suture Forceps 4¾" (12.1 cm), 1 x 2 teeth with tying platform
- 6-123XL** ADSON Tissue Forceps 4¾" (12.1 cm), with platform 1 x 2 teeth, lightweight, fenestrated handles



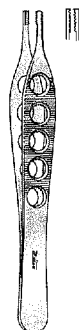
6-123XL

For additional Dressing & Tissue Forceps see pages 64 - 82

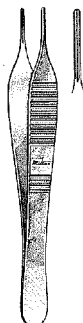
Carb-N-Sert Forceps with tungsten carbide inserts are shown on pages 88, 89



6-124



6-124XL



6-125



6-126



6-134



6-138
6-140



18-850



18-854

6-124 BROWN-ADSON Tissue Forceps 4 3/4" (12.1 cm), 7 x 7 side grasping teeth

6-124XL BROWN-ADSON Tissue Forceps 4 3/4" (12.1 cm), 7 x 7 side grasping teeth, lightweight, fenestrated handles

6-125 DeBAKEY-ADSON Tissue Forceps 4 3/4" (12.1 cm), atraumatic tips 1.5 mm wide

6-126 BROWN-ADSON Tissue Forceps 4 3/4" (12.1 cm), 7 x 7 side grasping teeth, angular

6-134 MARTIN Tissue Forceps 6" (15.2 cm), 7 x 8 teeth

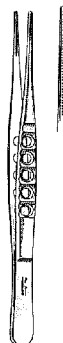
6-138 BROWN Tissue Forceps 6" (15.2 cm), 8 x 8 side grasping teeth

6-140 BROWN Tissue Forceps 8" (20.3 cm), 8 x 8 side grasping teeth

18-850 GRAEFE Fixation Forceps 4 3/8" (11.2 cm), standard jaws 4.5 mm wide, with fine teeth

18-854 GRAEFE Fixation Forceps 4 3/8" (11.2 cm), standard jaws 4.5 mm wide, with fine teeth, with catch

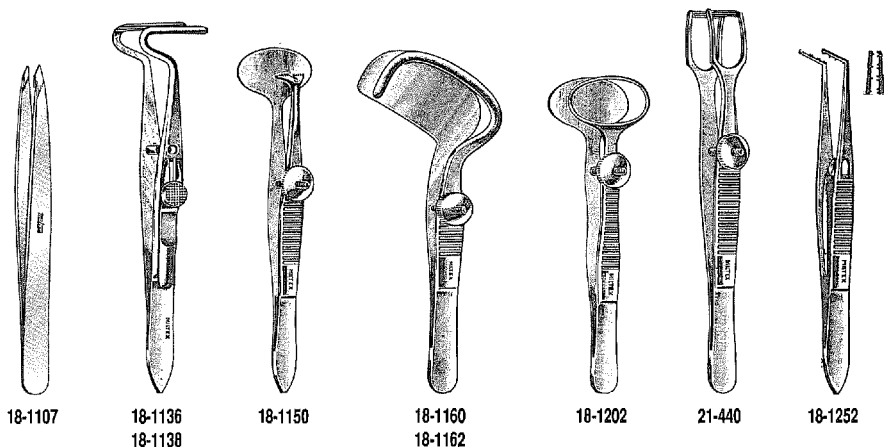
24-570XL DeBAKEY Tissue Forceps 6" (15.2 cm), atraumatic teeth, 1.5 mm wide tips, lightweight, fenestrated handles



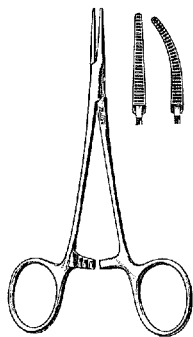
24-570XL



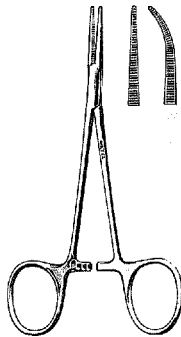
Plastic Surgery Instruments



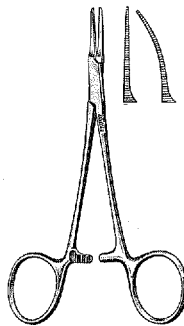
- 18-1107** Swiss Cilia and Suture Forceps $3\frac{3}{4}$ " (9.5 cm), precision fitted diagonal jaws 3 mm wide
- 18-1136** BERKE Ptosis Forceps 4" (10.2 cm), blades 20 mm with longitudinal serrations, with slide lock
- 18-1138** BERKE Ptosis Forceps 4" (10.2 cm), blades 27 mm with longitudinal serrations, with slide lock
- 18-1150** ERHARDT Lid Forceps $3\frac{1}{2}$ " (8.9 cm), serrated jaws 9.5 mm wide
- 18-1160** SNELLEN Entropium Forceps $3\frac{1}{2}$ " (8.9 cm), left, 35 mm wide plate
- 18-1162** SNELLEN Entropium Forceps $3\frac{1}{2}$ " (8.9 cm), right, 35 mm wide plate
- 18-1202** DESMARRES Chalazion Forceps $3\frac{1}{2}$ " (8.9 cm), inside ring measures 12 x 23 mm
- 21-440** COTTLE Columella Forceps $4\frac{1}{2}$ " (11.4 cm), jaws 10 mm wide
- 18-1252** PRINCE Muscle Forceps $3\frac{3}{4}$ " (9.5 cm)



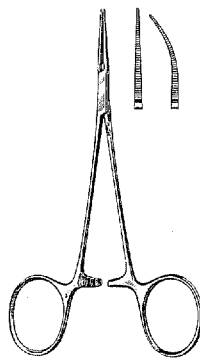
7-2
7-4



7-8
7-10



7-11
7-12



17-2600
17-2602

7-2 HALSTED Mosquito Forceps 5" (12.7 cm), straight, standard pattern

7-4 HALSTED Mosquito Forceps 5" (12.7 cm), curved, standard pattern

7-8 HALSTED Mosquito Forceps 5" (12.7 cm), straight, extra delicate

7-10 HALSTED Mosquito Forceps 5" (12.7 cm), curved, extra delicate

7-11 PACKER Mosquito Forceps 5" (12.7 cm), straight, flat jaws

7-12 PACKER Mosquito Forceps 5" (12.7 cm), curved, flat jaws

17-2600 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), straight, extremely delicate

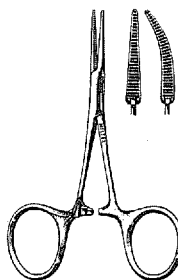
17-2602 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), curved, extremely delicate

7-24 HARTMAN Mosquito Forceps 3½" (8.9 cm), straight

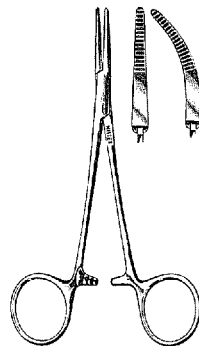
7-26 HARTMAN Mosquito Forceps 3½" (8.9 cm), curved

7-30 PROVIDENCE Hospital Forceps 5½" (14 cm), straight

7-32 PROVIDENCE Hospital Forceps 5½" (14 cm), curved



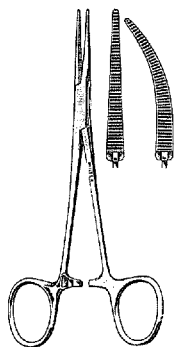
7-24
7-26



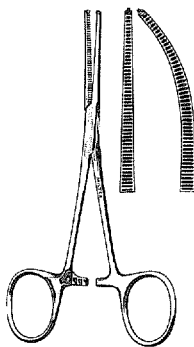
7-30
7-32



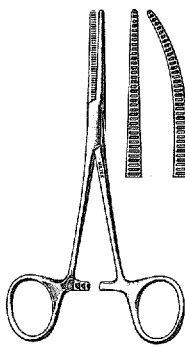
Plastic Surgery Instruments



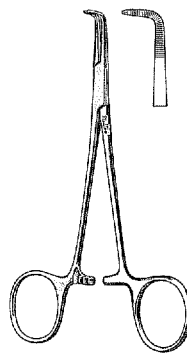
7-50
7-52



7-70
7-72



7-110
7-112



7-210

7-50 Baby CRILE Forceps 5 1/2" (14 cm), straight, extra delicate

7-52 Baby CRILE Forceps 5 1/2" (14 cm), curved, extra delicate

7-70 Baby OCHSNER Forceps 5 1/2" (14 cm), straight, 1 x 2 teeth, extra delicate

7-72 Baby OCHSNER Forceps 5 1/2" (14 cm), curved, 1 x 2 teeth, extra delicate

7-110 Baby PEAN Forceps 5 1/2" (14 cm), straight, extra delicate

7-112 Baby PEAN Forceps 5 1/2" (14 cm), curved, extra delicate

7-210 Baby MIXTER Forceps 5 1/4" (13.3 cm), fully curved, extra delicate

7-300 DIEFFENBACH Serrefine 2 1/4" (5.7 cm), straight

7-302 DIEFFENBACH Serrefine 2 1/4" (5.7 cm), curved

7-304 DIEFFENBACH Serrefine 1 1/2" (3.8 cm), straight

7-305 DIEFFENBACH Serrefine 1 1/2" (3.8 cm), curved

7-310 DIETHRICH Micro Bulldog Clamp 1 1/8" (4.7 cm), straight jaws
8 mm x 1.2 mm

7-315 DIETHRICH Micro Bulldog Clamp 1 1/4" (4.4 cm), angled jaws
8 mm x 1.2 mm



7-300
7-304



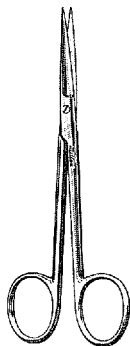
7-302
7-305



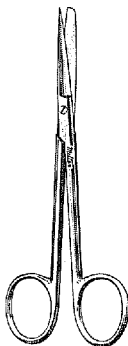
7-310



7-315



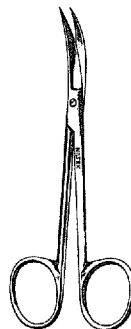
5-270
5-271



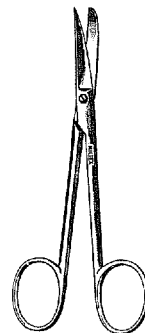
5-272
5-273



5-274
5-275



5-276
5-277



5-278
5-279

MILTEX PLASTIC SURGERY SCISSORS 4 3/4" (12.1 cm)

Straight

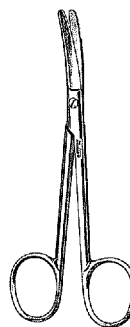
- 5-270 Sharp-Sharp Points
- 5-271 Sharp-Sharp Points, serrated blade
- 5-272 Sharp-Blunt Points
- 5-273 Sharp-Blunt Points, serrated blade
- 5-274 Blunt-Blunt Points
- 5-275 Blunt-Blunt Points, serrated blade

Angled on Side

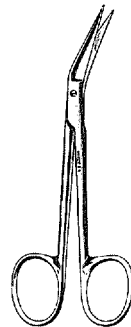
- 5-282 Sharp-Sharp Points
- 5-282A Sharp-Sharp Points, serrated blade

Curved

- 5-276
- 5-277
- 5-278
- 5-279
- 5-280
- 5-281



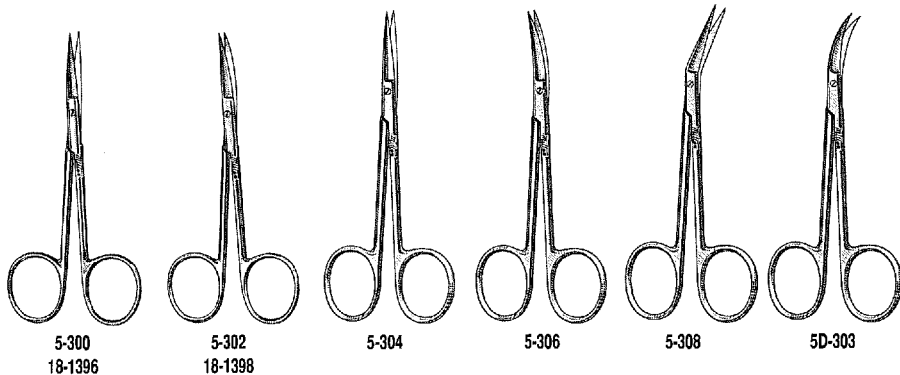
5-280
5-281



5-282
5-282A

For Carb-N-Sert Scissors with tungsten carbide blades see pages 55 - 59

For SuperCut Scissors see pages 60 - 63



- 18-1396** Iris Scissors 3½" (8.9 cm), with 20 mm blades, straight, very delicate
18-1398 Iris Scissors 3½" (8.9 cm), with 20 mm blades, curved, very delicate

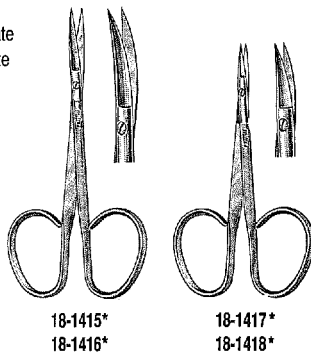
- 5-300** Iris Scissors 4" (10.2 cm), straight, delicate
5-302 Iris Scissors 4" (10.2 cm), curved, delicate

- 5-304** Iris Scissors 4½" (11.4 cm), straight
5-306 Iris Scissors 4½" (11.4 cm), curved
5-308 Iris Scissors 4½" (11.4 cm), angled on side
5D-303 Iris Scissors 4½" (11.4 cm), curved sideways

- 18-1415*** Iris Scissors 4" (10.2 cm), straight, standard pattern, ribbon type
18-1416* Iris Scissors 4" (10.2 cm), curved, standard pattern, ribbon type

- 18-1417*** Iris Scissors 3½" (8.9 cm), straight, miniature 14 mm blades, ribbon type

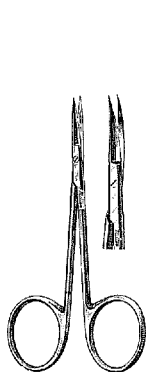
- 18-1418*** Iris Scissors 3½" (8.9 cm), curved, miniature 14 mm blades, ribbon type



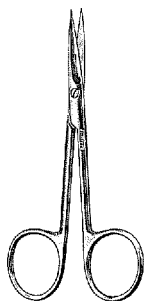
For Carb-N-Sert Scissors with tungsten carbide inserts see pages 55 - 59

For SuperCut Scissors see pages 60 - 63

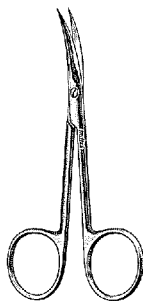
*Ribbon type scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



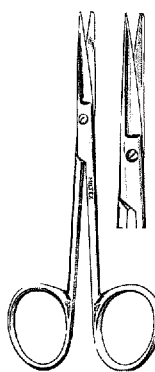
18-1392
18-1394



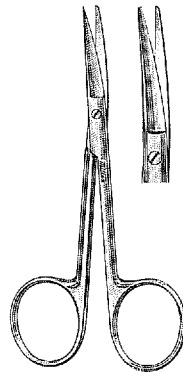
18-1404



18-1405

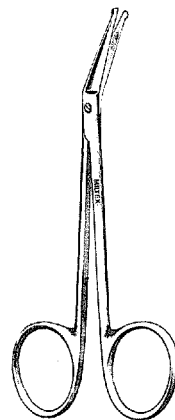


18-1420
18-1422



18-1426
18-1428

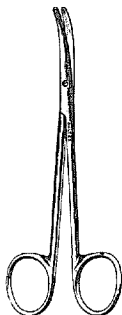
- 18-1392 BONN Miniature Iris Scissors 3 1/2" (8.9 cm), with 15 mm blades, straight
- 18-1394 BONN Miniature Iris Scissors 3 1/2" (8.9 cm), with 15 mm blades, curved
- 18-1404 MILTEX Iris Scissors 4" (10.2 cm), straight, heavy pattern
- 18-1405 MILTEX Iris Scissors 4" (10.2 cm), curved, heavy pattern
- 18-1420 KNAPP Iris Scissors 4" (10.2 cm), straight, sharp-blunt points
- 18-1422 KNAPP Iris Scissors 4" (10.2 cm), straight, blunt-blunt points
- 18-1426 KNAPP Iris Scissors 4" (10.2 cm), curved, sharp-blunt points
- 18-1428 KNAPP Iris Scissors 4" (10.2 cm), curved, blunt-blunt points
- 5-310 Eye Scissors with Probe Points, 4 1/2" (11.4 cm), angled on side



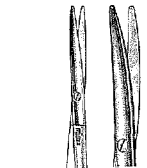
5-310



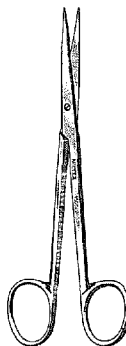
5-312



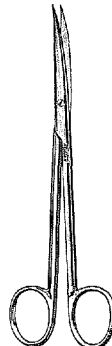
5-314



18-1453*
18-1454*



5-316



5-318
5D-326

- 5-312** Strabismus Scissors 4" (10.2 cm), straight
5-314 Strabismus Scissors 4" (10.2 cm), curved
18-1453* Strabismus Scissors 4½" (11.4 cm), straight, ribbon type
18-1454* Strabismus Scissors 4½" (11.4 cm), curved, ribbon type
5-316 BROPHY Gum and Suture Scissors 5½" (14 cm), straight
5-318 BROPHY Gum and Suture Scissors 5½" (14 cm), curved
5D-326 BROPHY Gum and Suture Scissors 5½" (14 cm), curved, one serrated blade

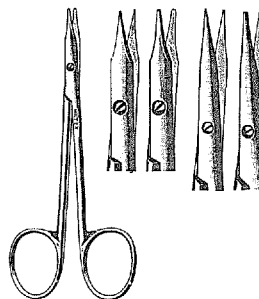
STEVENS TENOTOMY SCISSORS

4½" (10.5 cm) With
Short Blades

- 18-1460** straight, sharp points
18-1462 straight, blunt points
18-1464 curved, sharp points
18-1466 curved, blunt points

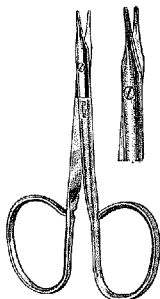
4½" (11.4 cm) With
Long Blades

- 18-1470**
18-1472
18-1474
18-1476

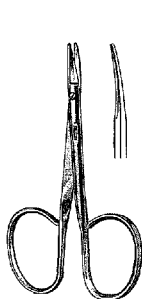


18-1460 to 18-1476

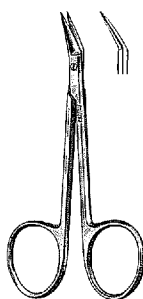
*Ribbon type scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



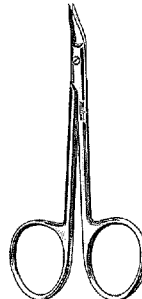
18-1477*
18-1478*



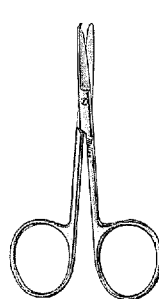
18-1419*



18-1440



33-240



9-100

18-1477* STEVENS Tenotomy Scissors 3 3/4" (9.5 cm), straight, blunt points, ribbon type

18-1478* STEVENS Tenotomy Scissors 3 3/4" (9.5 cm), curved, blunt points, ribbon type

18-1419* Utility Scissors 3 3/4" (9.5 cm), curved blunt blades 15 mm long, ribbon type

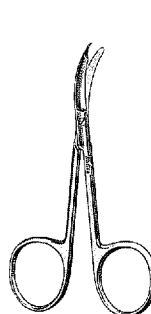
18-1440 CONVERSE (WILMER) Nasal Scissors 4" (10.2 cm), angled on flat

33-240 BIRO Dermal Naevus Scissors 4" (10.2 cm), angled on flat, with sharp outside edges

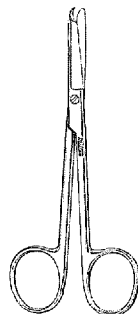
9-100 SPENCER Stitch Scissors 3 1/2" (8.9 cm), straight

9-101 SHORTBENT Stitch Scissors 3 1/2" (8.9 cm), curved to side

9-102 LITTAUER JR. Stitch Scissors 4 1/2" (11.4 cm), light pattern



9-101



9-102

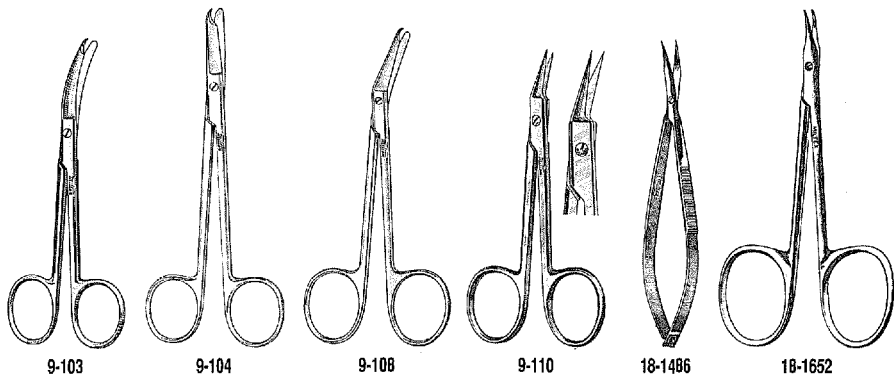
For Carb-N-Sert Scissors with tungsten carbide inserts see pages 55 - 59

For SuperCut Scissors see pages 60 - 63

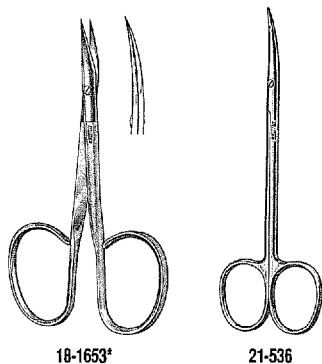
*Ribbon type scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



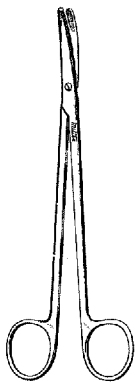
Plastic Surgery Instruments



- 9-103** NORTHBENT Stitch Scissors $4\frac{3}{4}"$ (12.1 cm), curved, light pattern
- 9-104** LITTAUER Stitch Scissors $5\frac{1}{2}"$ (14 cm), standard pattern
- 9-108** MILTEX Stitch Scissors $4\frac{1}{2}"$ (11.4 cm), angled, delicate
- 9-110** O'BRIEN Stitch Scissors $3\frac{3}{4}"$ (9.5 cm), angled to side, sharp points
- 18-1486** WESTCOTT Stitch Scissors $4\frac{1}{2}"$ (11.4 cm), curved, sharp points
- 18-1652** Eye Suture (GRADLE) Scissors $3\frac{3}{4}"$ (9.5 cm), slightly curved, sharp points
- 18-1653*** Eye Suture Scissors 4" (10.4 cm), slightly curved, sharp points, ribbon type
- 21-536** LITTLER Suture Carrying Scissors $4\frac{5}{8}"$ (11.8 cm), with suture hole in blades, curved



*Ribbon type scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



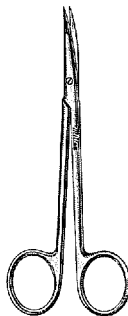
5-180
5-182



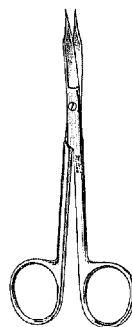
5-284 to 5-288



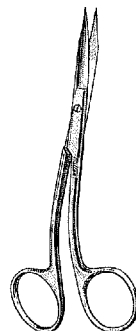
5-290
5-291



33-242

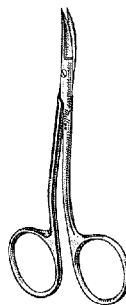


5-320



5D-322

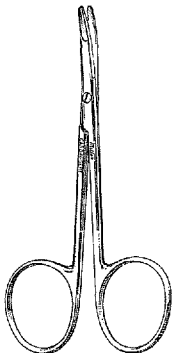
- 5-180 METZENBAUM Scissors 5½" (14 cm), curved, standard
- 5-182 METZENBAUM Scissors 7" (17.8 cm), curved, standard
- 5-284 METZENBAUM Scissors 5" (12.7 cm), curved, delicate
- 5-286 METZENBAUM Scissors 6" (15.2 cm), curved, delicate
- 5-288 METZENBAUM Scissors 7" (17.8 cm), curved, delicate
- 5-290 RAGNELL Undermining Scissors 5" (12.7 cm), curved with flattened dissecting tips
- 5-291 RAGNELL Undermining Scissors 7" (17.8 cm), curved with flattened dissecting tips
- 33-242 MILTEX Undermining Scissors 4½" (11.4 cm), curved blades, with flat pointed tip
- 5-320 GOLDMAN-FOX Wound Debridement Scissors 5" (12.7 cm), curved fine tips, with one serrated blade
- 5D-322 GOLDMAN-FOX Wound Debridement Scissors 5" (12.7 cm), double curved, with one serrated blade
- 5D-324 LaGRANGE Scissors 4¼" (10.8 cm), curved, one serrated blade, angled shanks



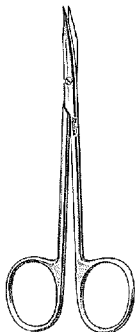
5D-324

For Carb-N-Sert Scissors with tungsten carbide inserts see pages 55 - 59

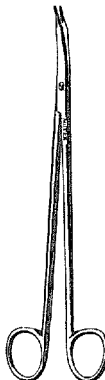
For SuperCut Scissors see pages 60 - 63



21-537TC



21-539



5-172
5-176



21-558
21D-559

21-537TC MILTEX Blepharoplasty Scissors 4½" (11.4 cm), curved flat tips, one serrated and one CARB-N-SERT blade

21-539 KLEINERT-KUTZ Tenotomy Scissors 4¾" (12.4 cm), curved, rounded dissecting blades

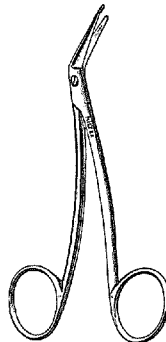
5-172 REYNOLDS Dissecting Scissors 6" (15.2 cm), curved tenotomy type dissecting tips

5-176 REYNOLDS Dissecting Scissors 7" (17.8 cm), curved tenotomy type dissecting tips

21-558 QUIMBY Scissors 5" (12.7 cm), blades 15 mm, strongly curved and pointed

21D-559 QUIMBY Scissors 5" (12.7 cm), blades 15 mm, strongly curved and pointed, one serrated blade

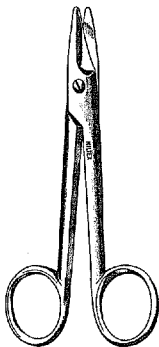
21-560 TAYLOR Dural Scissors 5½" (14 cm), with probe tip



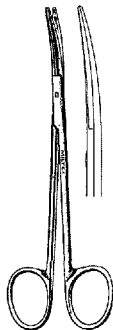
21-560

For Carb-N-Sert Scissors with tungsten carbide inserts see pages 55 - 59

For SuperCut Scissors see pages 60 - 63



5-152
5-154



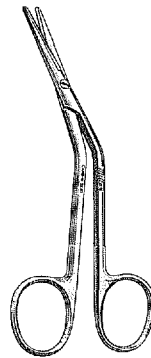
21-600



21-602

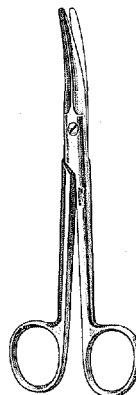


21-604

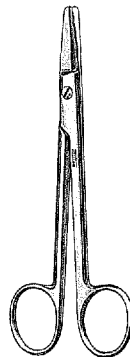


21-604TC

- 5-152** SISTRUNK Scissors 5½" (14 cm), heavy pattern, straight
- 5-154** SISTRUNK Scissors 5½" (14 cm), heavy pattern, slightly curved
- 21-600** FOMON Saber-Back Scissors 5" (12.7 cm), slightly curved blades with semi-sharp outer edges used for dissection
- 21-602** FOMON Lower Lateral Scissors 5" (12.7 cm), strong curve, dissecting blades
- 21-604** FOMON Dorsal Scissors 5½" (14 cm), light pattern, angular shanks
- 21-604TC** FOMON Dorsal Scissors 5½" (14 cm), angular shanks, CARB-N-SERT blades, one serrated blade
- 21-605** MILTEX Saber-Back Rhytidectomy Scissors 6½" (16.5 cm), curved with semi-sharp outer edges used for dissection
- 21-606** CASTANARES Facelift Scissors 6¼" (15.9 cm), straight, short strong blades



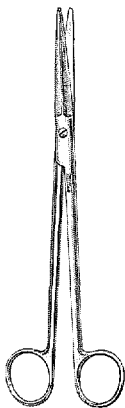
21-605



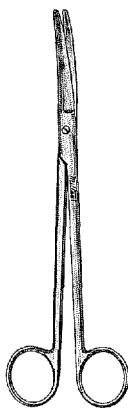
21-606

For Carb-N-Sert Scissors with tungsten carbide blades see pages 55 - 59

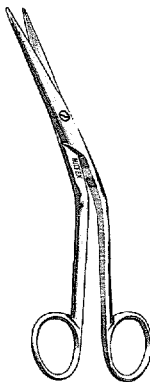
For SuperCut Scissors see pages 60 - 63



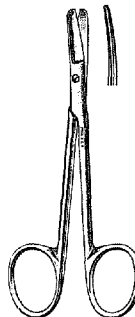
21-607



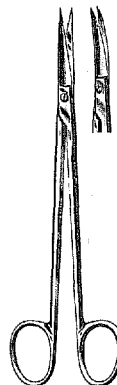
21-608



21-610

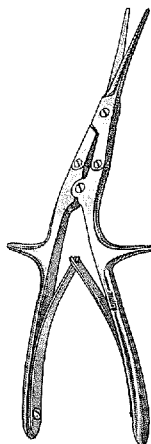


21-612

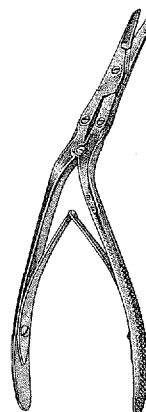


21-630
21-632

- 21-607 GORNEY Facelift Scissors 7 3/4" (19.7 cm), straight, one serrated blade
- 21-608 GORNEY Facelift Scissors 7 3/4" (19.7 cm), slightly curved, one serrated blade
- 21-610 COTTLE Dorsal Scissors 6 1/2" (16.5 cm), heavy pattern with rounded blades, angular shanks
- 21-612 COTTLE Bulldog Nasal Scissors 4 1/2" (11.4 cm), slightly curved blunt blades
- 21-630 JOSEPH Nasal Scissors 5 3/4" (14.6 cm), straight, sharp points
- 21-632 JOSEPH Nasal Scissors 5 3/4" (14.6 cm), curved, sharp points
- 21-621 GORNEY Septal Scissors 7 3/4" (19.7 cm), double action, angled handle, serrated blades with 1 3/4" (4.4 cm) cut
- 21-622 CAPLAN Nasal Bone Scissors 8" (20.3 cm), double action, serrated blades



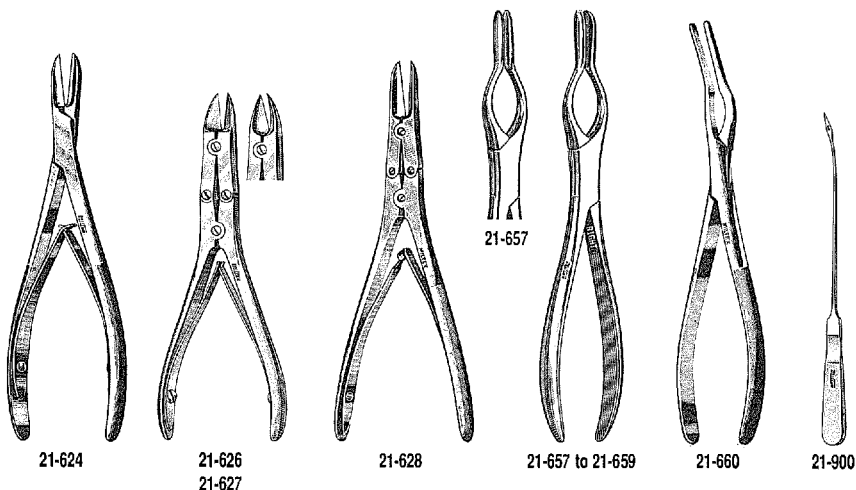
21-621



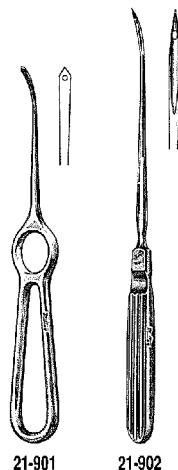
21-622

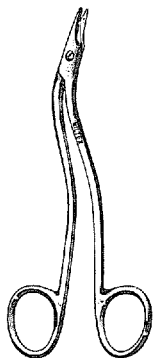
For Carb-N-Sert Scissors with tungsten carbide inserts see pages 55 - 59

For SuperCut Scissors see pages 60 - 63

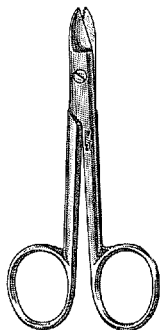


- 21-624 KAZANJIAN Nasal Cutting Forceps 7½" (19.1 cm), light model
- 21-626 KLEINERT-KUTZ (RUSKIN) Bone Cutting Forceps 6" (15.2 cm), straight
- 21-627 KLEINERT-KUTZ (RUSKIN) Bone Cutting Forceps 6" (15.2 cm), curved
- 21-628 RUSKIN (ROWLAND) Nasal Hump Forceps 7" (17.8 cm), double action, narrow jaws
- 21-657 WALSHAM Septum Straightener 9¼" (23.5 cm), Universal, with two convex blades
- 21-658 WALSHAM Septum Straightener 9¼" (23.5 cm), right, with one convex and one concave blade
- 21-659 WALSHAM Septum Straightener 9¼" (23.5 cm), left, with one convex and one concave blade
- 21-660 ASH Septum Straightener 9" (22.9 cm), angled blades flat inside
- 21-900 OBWEGESER Mandibular Awl for wire suturing 5½" (14 cm), slightly curved
- 21-901 OBWEGESER Mandibular Awl for wire suturing 7" (17.8 cm), strong curve
- 21-902 OBWEGESER Zygomatic Arch Awl for wire suturing 9" (22.9 cm), slightly curved



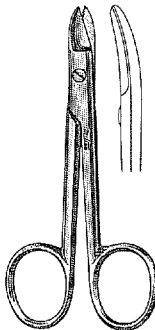


9-96



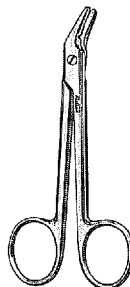
9-120

9D-121

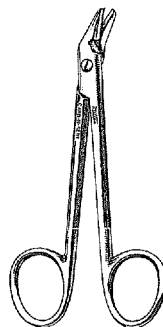


9-122

9D-123



9-124



9-124TC

9-96 HEATH Wire Cutting Scissors 6 1/4" (15.9 cm), one serrated blade

WIRE CUTTING SCISSORS 4 3/4" (12.1 cm)

9-120 Straight, one serrated blade

9D-121 Straight

9-122 Curved, one serrated blade

9D-123 Curved

9-124 Angled to side, one serrated blade

9-124TC Angled to side, one serrated blade, Carb-N-Sert inserts

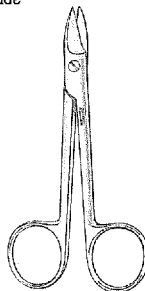
WIRE CUTTING SCISSORS 4 1/4" (10.8 cm)

9D-132 Straight, one serrated blade

9D-133 Straight

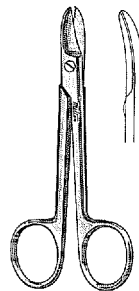
9D-134 Curved, one serrated blade

9D-135 Curved



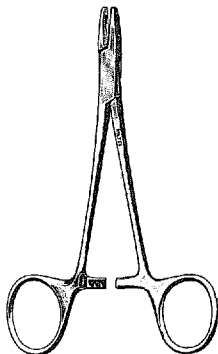
9D-132

9D-133

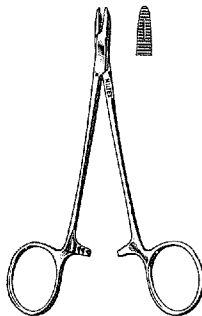


9D-134

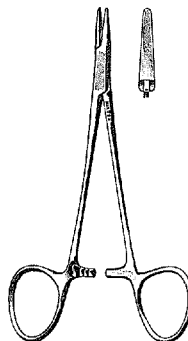
9D-135



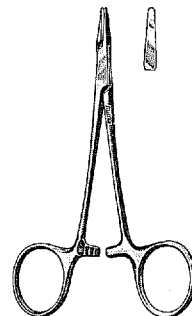
8-2



8-4



8-6



8-7

8-2 COLLIER Needle Holder 5" (12.7 cm), fenestrated jaws

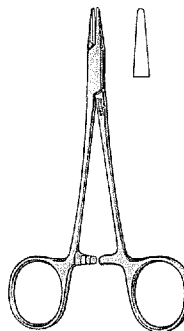
8-4 DERF Needle Holder 4 3/4" (12.1 cm)

8-6 WEBSTER Needle Holder 5" (12.7 cm), delicate, smooth jaws, standard pattern

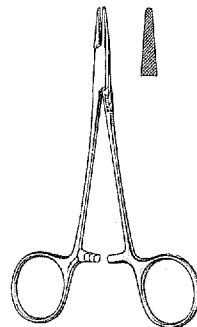
8-7 WEBSTER Needle Holder 4 3/4" (12.1 cm), extra delicate, smooth jaws

8-8 HALSEY Needle Holder 5" (12.7 cm), smooth jaws

8D-36 HALSEY Needle Holder 5" (12.7 cm), serrated jaws

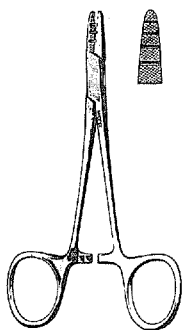


8-8

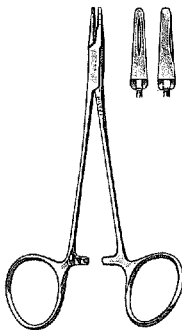


8D-36

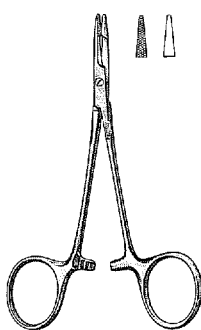
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



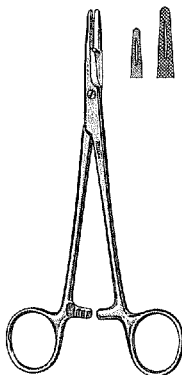
8-10



8-12

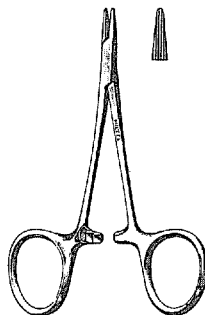


8-14
8-14A



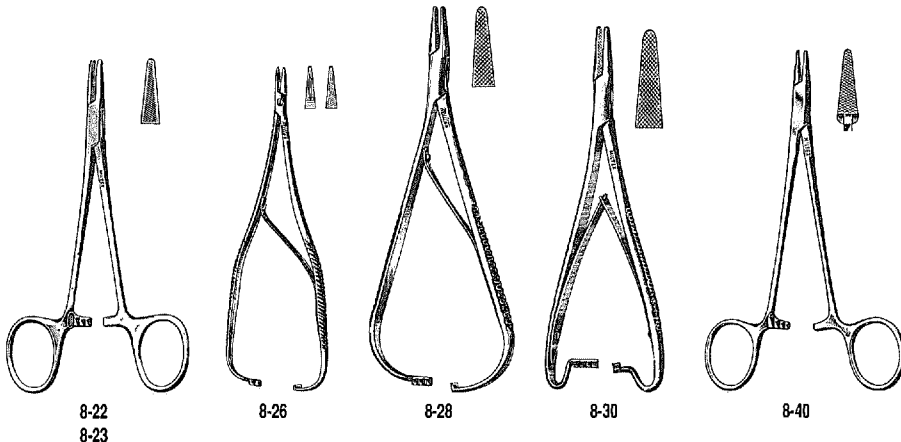
8-15
8-16

- 8-10 ABBEY Needle Holder 5" (12.7 cm)
- 8-12 NEIVERT Needle Holder 5" (12.7 cm), one offset ring
- OLSEN-HEGAR NEEDLE HOLDERS,
combined with Suture Scissors
- 8-14 4¾" (12.1 cm), Extra Delicate Pattern, serrated jaws
- 8-14A 4¾" (12.1 cm), Extra Delicate Pattern, smooth jaws
- 8-15 5½" (14 cm), serrated jaws
- 8-16 6½" (16.5 cm), serrated jaws
- 8-20 CONVERSE Needle Holder 4¼" (10.8 cm), longitudinal
serrations, large finger rings

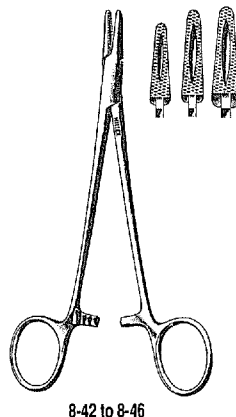


8-20

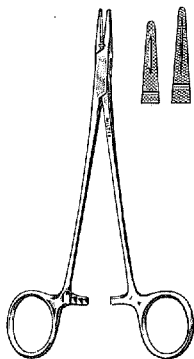
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



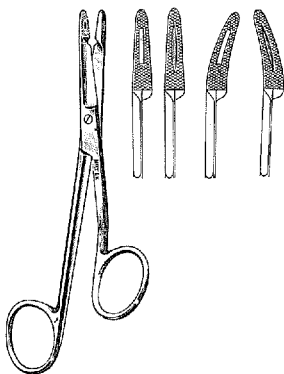
- 8-22 BROWN Needle Holder 5 1/4" (13.3 cm), convex jaws, fine serrations
- 8-23 BROWN Needle Holder 6 3/4" (17.1 cm), convex jaws, fine serrations
- 8-26 BOYNTON Needle Holder 5" (12.7 cm), delicate
- 8-28 MATHIEU Needle Holder 5 1/2" (14 cm), with spring handles
- 8-30 MATHIEU Needle Holder 6 1/4" (15.9 cm), with spring handles
- 8-40 BAUMGARTNER Needle Holder 5 1/2" (14 cm)
- 8-42 MAYO-HEGAR Needle Holder 5" (12.7 cm)
- 8-44 MAYO-HEGAR Needle Holder 6" (15.2 cm)
- 8-46 MAYO-HEGAR Needle Holder 7" (17.8 cm)



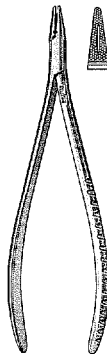
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



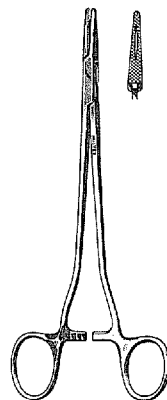
8-50
8-51



8-58
8-59

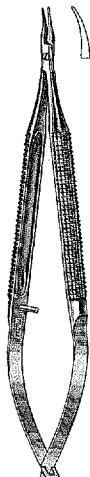


8-94

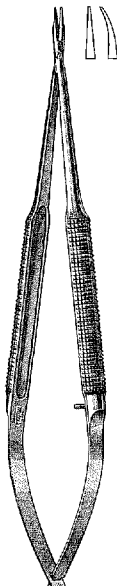


8-96

- 8-50 CRILE-WOOD Needle Holder 6" (15.2 cm)
- 8-51 CRILE-WOOD Needle Holder 7" (17.8 cm)
- 8-58 GILLIES-SHEEHAN Needle Holder, with Suture Scissors 6½" (16.5 cm), straight
- 8-59 GILLIES-SHEEHAN Needle Holder, with Suture Scissors 6½" (16.5 cm), curved
- 8-94 CRILE Needle Holder 6" (15.2 cm)
- 8-96 SAROT Needle Holder 7½" (18.1 cm), light model

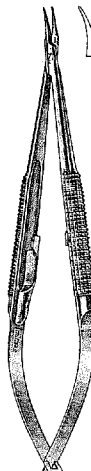


17-1000

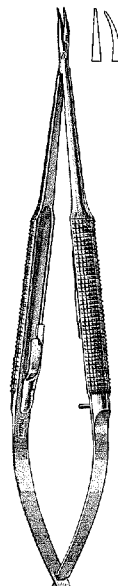


17-980

17-1010



17-1020

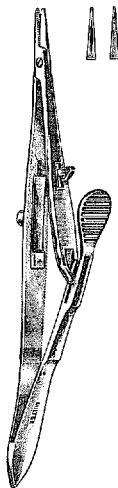


17-1024

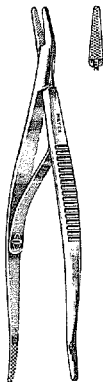
17-1025

MILTEX Micro Surgery Needle Holders with round handles, 0.6 mm tips

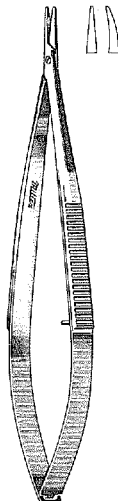
17-1000	5¼" (13.3 cm), curved jaws
17-980	7½" (18.1 cm), straight jaws
17-1010	7½" (18.1 cm), curved jaws
17-1020	5¼" (13.3 cm), curved jaws, with lock
17-1024	7½" (18.1 cm), straight jaws, with lock
17-1025	7½" (18.1 cm), curved jaws, with lock



18-1800

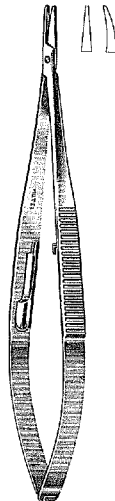


18-1810



18-1820

18-1824

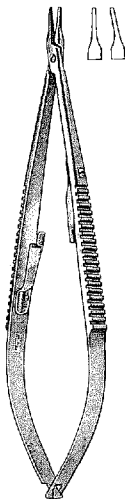


18-1828

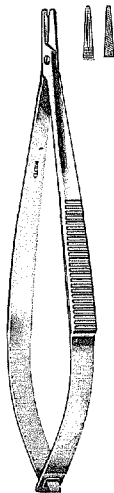
18-1832

- 18-1800** KALT Needle Holder 5¼" (13.3 cm), standard model, delicate jaws
- 18-1810** GREEN Needle Holder and Suture Forceps 4¼" (10.8 cm), angled jaws, double end
- 18-1820** CASTROVIEJO Needle Holder 5½" (14 cm), straight, without lock
- 18-1824** CASTROVIEJO Needle Holder 5½" (14 cm), curved, without lock
- 18-1828** CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock
- 18-1832** CASTROVIEJO Needle Holder 5½" (14 cm), curved, with lock

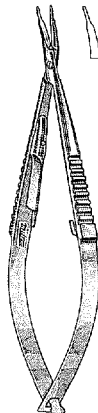
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



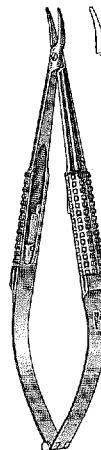
18-1831
18-1833



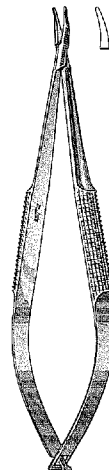
18-1834



18-1837



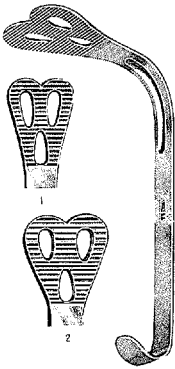
18-1838
18-1839



18-1840

- 18-1831** CASTROVIEJO Needle Holder 5½" (14 cm), extra delicate jaws, straight, with lock
- 18-1833** CASTROVIEJO Needle Holder 5½" (14 cm), extra delicate jaws, curved, with lock
- 18-1834** PATON Needle Holder 4½" (11.4 cm), straight, without lock
- 18-1837** McPHERSON Needle Holder for microsurgery 4" (10.2 cm), curved smooth tapered jaws
- 18-1838** BARRAQUER Needle Holder 5" (12.7 cm), curved, without lock, 10 mm wide hollow round handle
- 18-1839** BARRAQUER Needle Holder 5" (12.7 cm), curved, with lock, 10 mm wide hollow round handle
- 18-1840** BARRAQUER Needle Holder 4¾" (12.1 cm), curved, without lock, delicate tapered jaws, 8 mm wide round handle

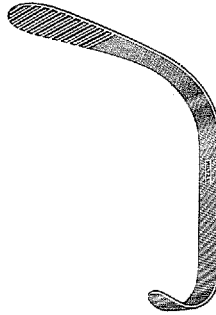
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



22-2
22-4



22-6



22-10

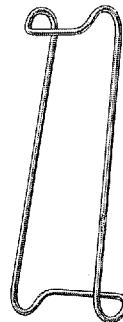


22-16



22-200

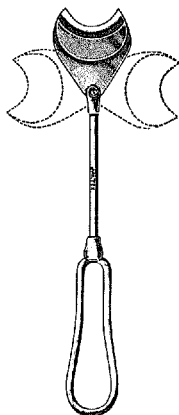
- 22-2** WIEDER Tongue Depressor, small blade 28 mm wide, serrated
22-4 WIEDER Tongue Depressor, large blade 36 mm wide, serrated
22-6 BOSWORTH Tongue Depressor, fenestrated blade 25 mm wide
22-10 ANDREWS Tongue Depressor, serrated blade 21 mm wide
22-16 Tongue Depressor 6 $\frac{3}{4}$ " (17.1 cm), double end, 20 mm and 25 mm wide, cross serrated
22-200 MILTEX Lip Retractor 6" (15.2 cm), double end 25 mm and 36 mm wide
22D-202 COLUMBIA Lip Retractor 5 $\frac{1}{2}$ " (14 cm), double end 35 mm and 50 mm wide
22D-209 UNIVERSITY OF MINNESOTA Cheek Retractor 5 $\frac{1}{2}$ " (14 cm), double end 14 mm and 20 mm wide



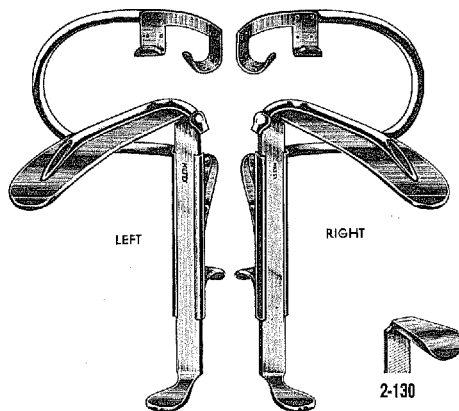
22D-202



22D-209



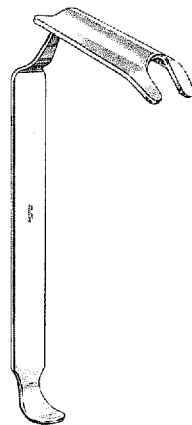
22-210



LEFT

RIGHT

2-130



2-140 to 2-147

22-210 Cheek Retractor 7 $\frac{3}{4}$ " (19.7 cm), with swivel blade 35 mm wide

2-120 DAVIS Mouth Gag 6 $\frac{1}{4}$ " (15.9 cm), double bite, left, without blades

2-122 DAVIS Mouth Gag 6 $\frac{1}{4}$ " (15.9 cm), double bite, right, without blades

BLADES FOR DAVIS OR McIVOR MOUTH GAGS

W/o Ether Tube	Size No.	Size		W/Ether Tube
2-130	1	$\frac{3}{4}$ " x 1" (1.9 x 2.5 cm)	Tooth Plate	—
2-132	2	1" x 2 $\frac{3}{4}$ " (2.5 x 7 cm)	Tongue Blade	2-132A
2-134	3	1" x 3 $\frac{1}{4}$ " (2.5 x 8.3 cm)	Tongue Blade	2-134A
2-136	4	1" x 3 $\frac{3}{4}$ " (2.5 x 9.5 cm)	Tongue Blade	2-136A
2-138	5	1" x 4" (2.5 x 10.2 cm)	Tongue Blade	2-138A

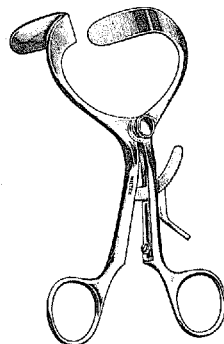
RING TONGUE RETRACTOR BLADES

For use with Davis or McIvor Mouth Gags.

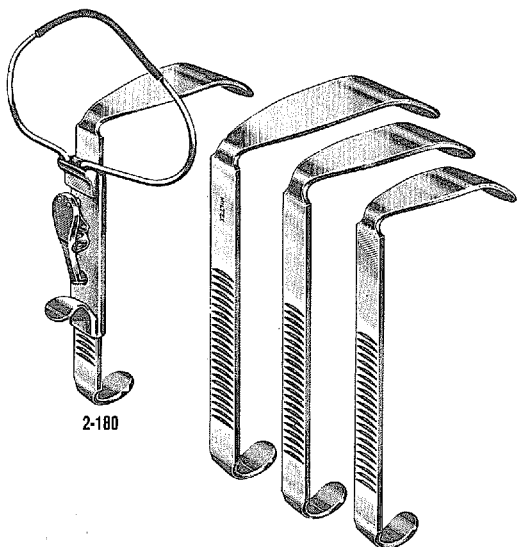
Grooved blade holds endotracheal tube firmly in place.

Left	Size No.	Size		Right
2-140	2	$\frac{7}{8}$ " x 2 $\frac{1}{4}$ " (2.2 x 5.7 cm)	Tooth Plate	2-144
2-141	3	1 $\frac{1}{8}$ " x 3" (2.9 x 7.6 cm)	Tongue Blade	2-145
2-142	4	1 $\frac{1}{4}$ " x 3 $\frac{1}{2}$ " (3.2 x 8.9 cm)	Tongue Blade	2-146
2-143	5	1 $\frac{1}{2}$ " x 3 $\frac{3}{4}$ " (3.8 x 9.5 cm)	Tongue Blade	2-147

2-150 DOYEN-JANSEN Mouth Gag 5 $\frac{1}{2}$ " (14 cm), with grip lock



2-150



2-180

2-160 to 2-164

2-154

2-180 McIVOR Mouth Gag 5 $\frac{1}{4}$ " (14.6 cm), complete with 3 tongue blades, one each Nos. 2-132, 2-134 and 2-136.

2-182 McIVOR Mouth Gag 5 $\frac{1}{4}$ " (14.6 cm), frame only

2-160 JENNINGS Mouth Gag, adult size, 6" (15.2 cm) wide

2-162 JENNINGS Mouth Gag, child size, 4 $\frac{1}{4}$ " (12.1 cm) wide

2-164 JENNINGS Mouth Gag, infant size, 3 $\frac{3}{4}$ " (9.5 cm) wide

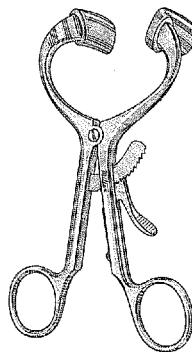
2-154 DENHARDT Mouth Gag 5 $\frac{1}{4}$ " (14.6 cm), improved model, with grip lock

MOLT Mouth Gags
with silicone guards

63-10 Pediatric 4" (10.2 cm)

63-15 Child 4 $\frac{1}{2}$ " (11.4 cm)

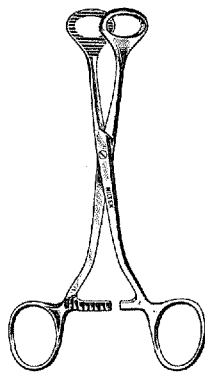
63-20 Adult 5 $\frac{1}{2}$ " (14 cm)



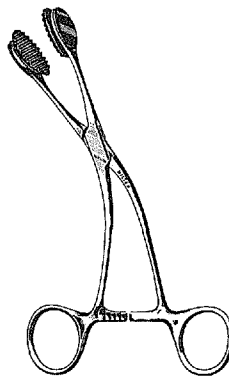
63-10 to 63-20



2-20



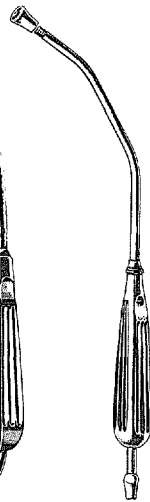
2-50



2-60
2-62



2-100

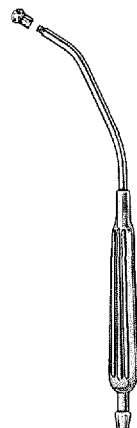


2-104
2-104SS

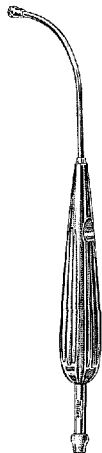
- 2-20 MAUNDER Oral Screw, white plastic
- 2-50 COLLIN Tongue Seizing Forceps 6¼" (17.1 cm), jaws 25 mm wide
- 2-60 YOUNG Tongue Seizing Forceps 6½" (16.5 cm), with soft rubber jaws
- 2-62 Rubber Jaws for YOUNG Tongue Forceps
- 2-100 PYNCHON Suction Tube 11" (27.9 cm), tip with large openings, with removable tubing connection, chrome
- 2-104 YANKAUER Suction Tube 11¼" (29.8 cm), with removable tip and tubing connection, chrome
- 2-104SS YANKAUER Suction Tube 11¼" (29.8 cm), with removable tip and tubing connection
- 2-106 Tip for YANKAUER Suction Tube, chrome
- 2-106SS Tip for YANKAUER Suction Tube
- 2-109 YANKAUER Pediatric Suction Tube 8½" (21.6 cm), with removable tip, delicate pattern



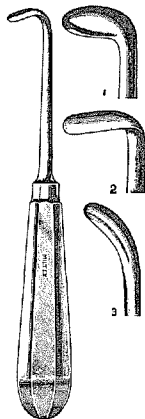
2-106
2-106SS



2-109



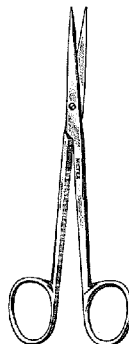
2-110
2-110SS



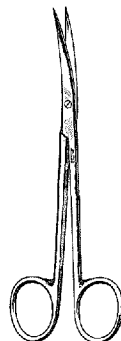
22-300 to 22-304



18-1968

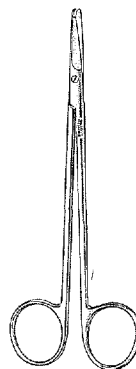


5-316

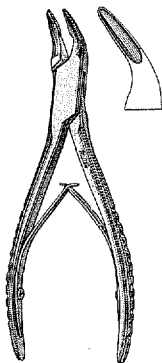


5-318
5D-326

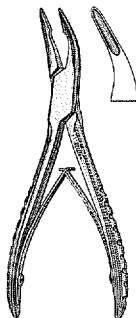
- 2-110** ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern, chrome
2-110SS ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern
- 22-300** BLAIR Cleft Palate Elevator 7 $\frac{3}{4}$ " (19.7 cm), L-Shape, blunt
22-302 BLAIR Cleft Palate Elevator 7 $\frac{3}{4}$ " (19.7 cm), right angle, semi-sharp tip
22-304 BLAIR Cleft Palate Elevator 8" (20.3 cm), curved blade, blunt
- 18-1968** FREER Elevator 7" (17.8 cm), double end, sharp and blunt blades 5 mm wide
- 5-316** BROPHY Scissors 5 $\frac{1}{2}$ " (14 cm), straight, sharp points
5-318 BROPHY Scissors 5 $\frac{1}{2}$ " (14 cm), curved, sharp points
5D-326 BROPHY Scissors 5 $\frac{1}{2}$ " (14 cm), curved, one serrated blade
- 9-106** LONG Oral Surgery Stitch Scissors 6" (15.2 cm)



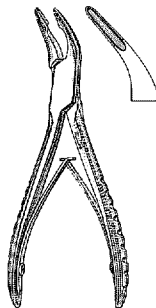
9-106



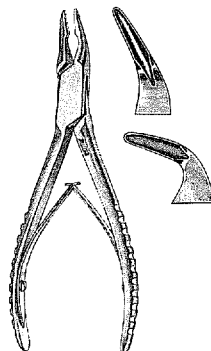
22D-420



22D-422



22D-424



22-480 to 22-482

22D-420 BLUMENTHAL Oral Surgery Rongeur 6" (15.2 cm), beaks at 45° angle

22D-422 Mini-BLUMENTHAL Oral Surgery Rongeur 4½" (11.4 cm), beaks at 30° angle

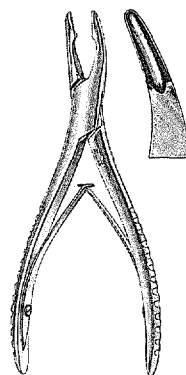
22D-424 Mini-BLUMENTHAL Oral Surgery Rongeur 4½" (11.4 cm), beaks at 45° angle

22-480 BLUMENTHAL Oral Surgery Rongeur 6" (15.2 cm), beaks at 30° angle

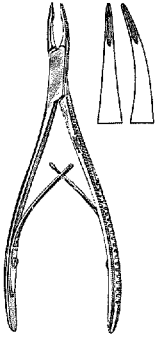
22-481 BLUMENTHAL Oral Surgery Rongeur 7" (17.8 cm), beaks at 30° angle

22-482 BLUMENTHAL Oral Surgery Rongeur 6" (15.2 cm), beaks at 90° angle

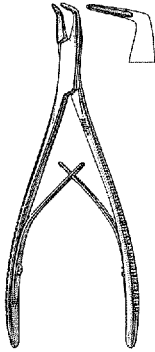
22-484 MEAD Oral Surgery Rongeur 6½" (16.5 cm), No. 1A pattern, slightly angled beaks



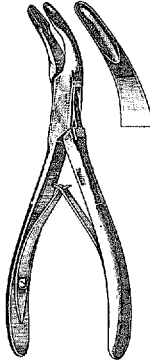
22-484



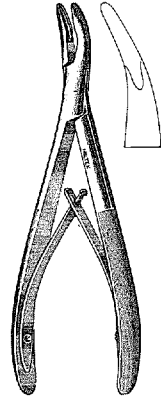
17-4800
17-4801



17D-4802

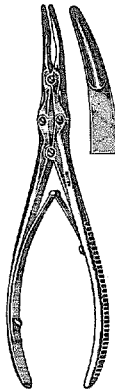


19-804

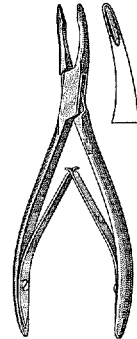


19-808

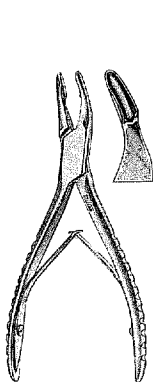
- 17-4800** Micro-FRIEDMAN Rongeur 5½" (14 cm), straight 1.3 mm wide jaws, very delicate
- 17-4801** Micro-FRIEDMAN Rongeur 5½" (14 cm), curved 1.3 mm wide jaws, very delicate
- 17D-4802** Micro-FRIEDMAN Rongeur 5½" (14 cm), 90° angled 1.3 mm wide jaws, very delicate
- 19-804** HARTMAN Rongeur 5¾" (14.6 cm), strong curve
- 19-808** BANE Rongeur 7" (17.8 cm), slight curve
- 19-844** BEYER Rongeur, double action, 7" (17.8 cm), slight curve
- 22-494** FRIEDMAN Oral Surgery Rongeur 5½" (14 cm), very delicate, slightly curved beaks



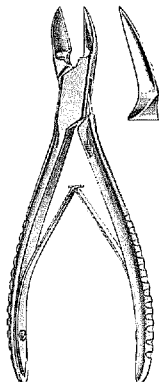
19-844



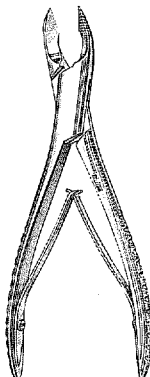
22-494



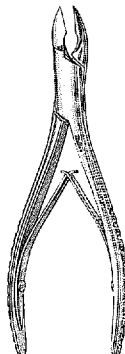
22-486
22-488



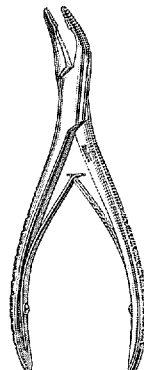
22-490



22D-426



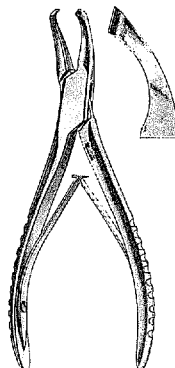
22D-428



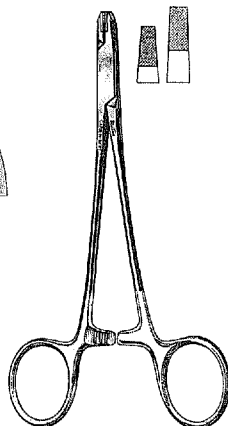
22D-432

- 22-486 Oral Surgery Rongeur 5 1/2" (14 cm), No. 4 pattern, slightly curved beaks
- 22-488 Oral Surgery Rongeur 6 1/2" (16.5 cm), No. 4A pattern, slightly curved beaks
- 22-490 Oral Surgery Rongeur 6 3/4" (17.1 cm), No. 5 pattern, side cutting, slightly curved
- 22D-426 Oral Surgery Rongeur 6 1/2" (16.5 cm), No. 5A pattern, side cutting, slightly curved
- 22D-428 Oral Surgery Rongeur 6" (15.2 cm), No. 5S pattern, side cutting, slightly curved
- 22D-432 Oral Surgery Rongeur 8" (20.3 cm), No. 1 pattern, strong curved beaks
- 22-492 Oral Surgery Rongeur 6 1/2" (16.5 cm), No. 6A pattern, end cutting, curved beaks

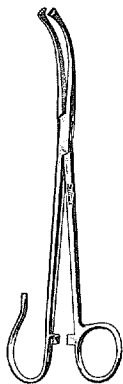
- 22-500TC Wire Twister 6" (15.2 cm), with Carb-N-Sert jaws
- 22-502TC Wire Twister 8" (20.3 cm), with Carb-N-Sert jaws



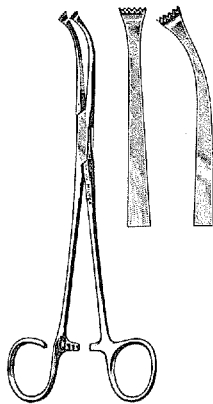
22-492



22-500TC
22-502TC



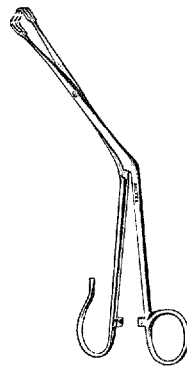
22-550
22-552



22-556
22-558

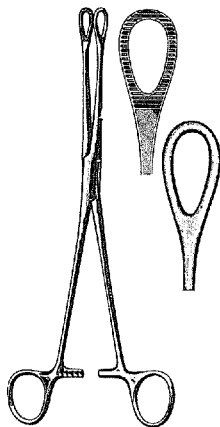


22-560

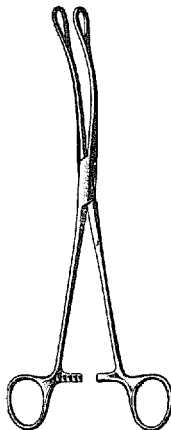


22-586

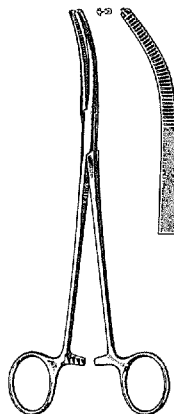
- 22-550 WHITE Tonsil Seizing Forceps 7½" (19.1 cm), medium curve, open ring
- 22-552 WHITE Tonsil Seizing Forceps 9½" (24.1 cm), medium curve, open ring
- 22-556 COLVER Tonsil Seizing Forceps 7½" (19.1 cm), straight, open ring
- 22-558 COLVER Tonsil Seizing Forceps 7½" (19.1 cm), medium curve, open ring
- 22-560 BALLENGER Tonsil Seizing Forceps 8½" (21.6 cm), slight curve, 3 x 3 prongs, open ring
- 22-586 TIVNEN Tonsil Seizing Forceps 8" (20.3 cm), angled 3 x 3 prongs, open ring



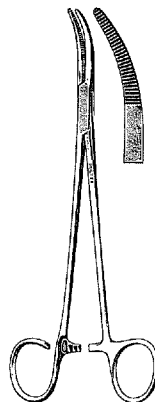
7-604
7-606



7-614
7-616

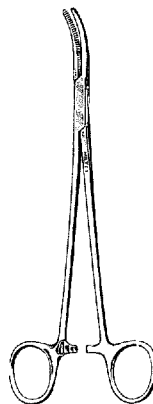


7-190



22-660

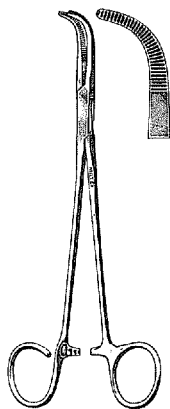
- 7-604 BALLENGER Sponge Forceps 7" (17.8 cm), straight, serrated loop jaws
- 7-606 BALLENGER Sponge Forceps 7" (17.8 cm), straight, smooth loop jaws
- 7-614 BALLENGER Sponge Forceps 7" (17.8 cm), curved, serrated loop jaws
- 7-616 BALLENGER Sponge Forceps 7" (17.8 cm), curved, smooth loop jaws
- 7-190 MICULICZ Tonsil Hemostatic Forceps 7½" (19.1 cm), slight curve, 1 x 2 teeth
- 22-660 SCHNIDT Tonsil Hemostatic Forceps 7½" (19.1 cm), slight curve, open ring
- 22-662 SCHNIDT Tonsil Hemostatic Forceps 7½" (19.1 cm), slight curve, closed rings



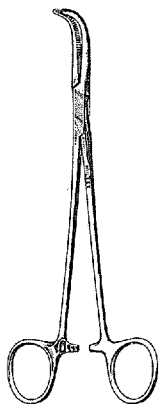
22-662



Tonsil Instruments



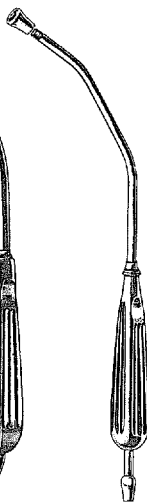
22-666



22-668



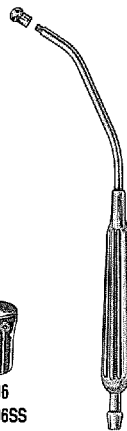
2-100



2-104
2-104SS



2-106
2-106SS

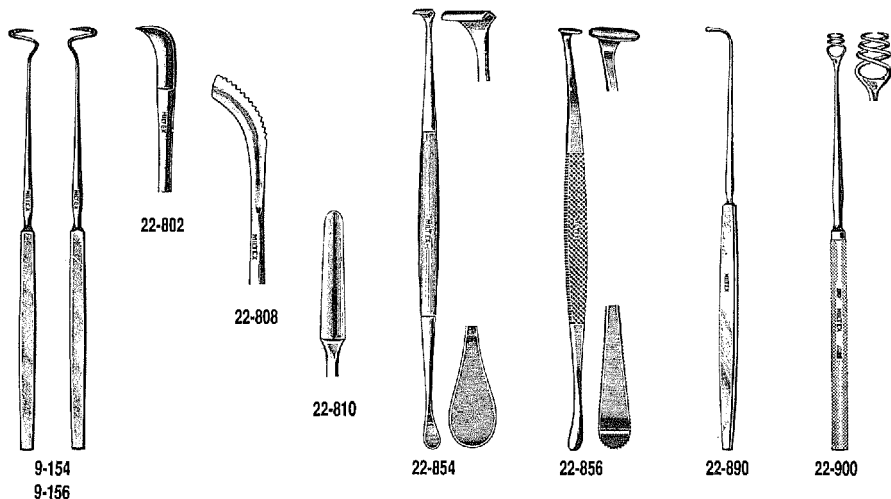


2-109

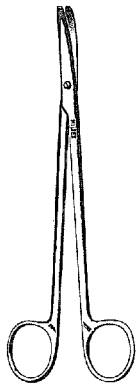


2-110
2-110SS

- 22-666** SAWTELL Tonsil Hemostatic Forceps 7½" (19.1 cm), full curve, open ring
- 22-668** SAWTELL Tonsil Hemostatic Forceps 7½" (19.1 cm), full curve, closed rings
- 2-100** PYNCHON Suction Tube 11" (27.9 cm), tip with large openings, with removable tubing connection, chrome
- 2-104** YANKAUER Suction Tube 11¾" (29.8 cm), with removable tip and tubing connection, chrome
- 2-104SS** YANKAUER Suction Tube 11¾" (29.8 cm), with removable tip and tubing connection
- 2-106** Tip for YANKAUER Suction Tube, chrome
- 2-106SS** Tip for YANKAUER Suction Tube
- 2-109** YANKAUER Pediatric Suction Tube 8½" (21.6 cm), with removable tip, delicate pattern
- 2-110** ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern, chrome
- 2-110SS** ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern



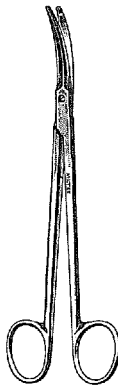
- 9-154** DUpUYS-WEISS Ligature Needle 8½" (21.6 cm), right
- 9-156** DUpUYS-WEISS Ligature Needle 8½" (21.6 cm), left
- 22-802** CANFIELD Tonsil Knife 8½" (21.6 cm), curved
- 22-808** FISHER Tonsil Knife and Dissector 8½" (21.6 cm), sharp tip
- 22-810** DEAN Tonsil Knife 7½" (19.1 cm), straight, double edge
- 22-854** HURD Tonsil Dissector and Pillar Retractor 9" (22.9 cm), standard pattern, 9 x 25 mm blade
- 22-856** MORRISON-HURD Tonsil Dissector and Pillar Retractor 9" (22.9 cm), flat handle, 8 x 25 mm serrated blade
- 22-890** COLVER Tonsil Examining Retractor 8" (20.3 cm), blunt tip
- 22-900** LEWIS Tonsil Screw 7¾" (19.7 cm), two sharp points, standard small size



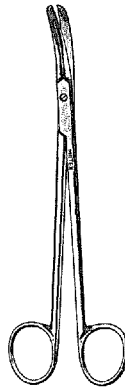
5-182



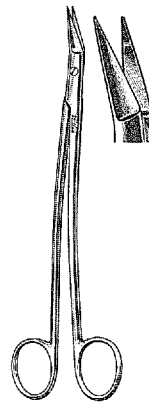
5-288



22-962



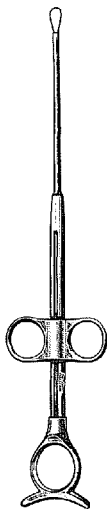
5-256



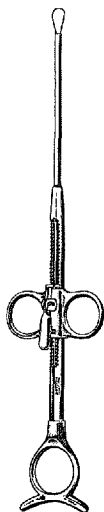
5-264

- 5-182** METZENBAUM Tonsil Scissors 7" (17.8 cm), curved, standard pattern
- 5-288** METZENBAUM Tonsil Scissors 7" (17.8 cm), curved, delicate pattern
- 22-962** LILLY Tonsil Scissors 7½" (19.1 cm), strong curve
- 5-256** BOETTCHER Tonsil Scissors 7¼" (18.4 cm), curved
- 5-264** DEAN Tonsil Scissors 6¾" (17.1 cm), blades angled on flat, one serrated blade

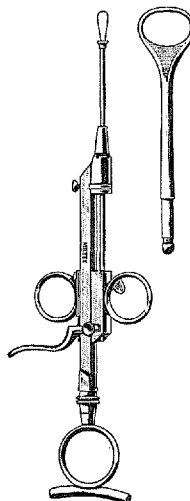
For Carb-N-Sert and SuperCut Metzenbaum Scissors see pages 57 and 61.



22-1000

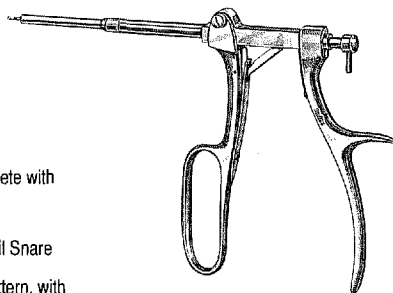


22-1002

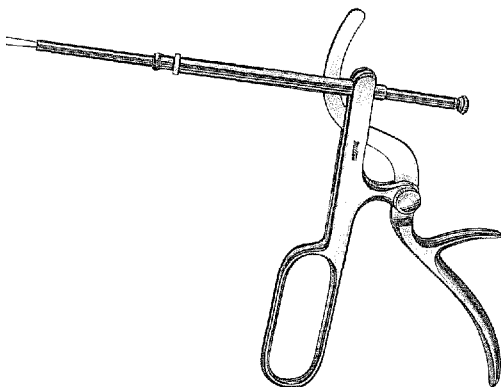


22-1010 to 22-1020

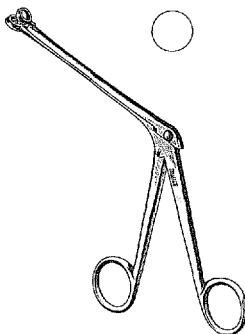
- 22-1000** EVE Tonsil Snare 11" (27.9 cm), standard model, without ratchet
- 22-1002** EVE Tonsil Snare 11" (27.9 cm), with ratchet
- 22-1010** BECK-SCHENCK Tonsil Snare 10" (25.4 cm), complete with one straight and one vedder tip
- 22-1016** Medium Vedder Tip, opening 23 x 19 mm
- 22-1020** Straight Tip 2 1/2" (6.4 cm) for BECK-SCHENCK Tonsil Snare
- 22-1030** SAGE Automatic Ratchet Tonsil Snare, improved pattern, with removable straight tip



22-1030



22-1041
22-1042



22-1052



22-1060

22-1041 TYDING Tonsil Snare, complete with straight tip
22-1042 Straight Tip for TYDING Snare

22-1052 HARTMAN Tonsil Punch, 4½" (11.4 cm) shaft, 9 mm round cut, with basket

*TONSIL SNARE WIRE,
pre-cut 4" (10.2 cm), bent ends

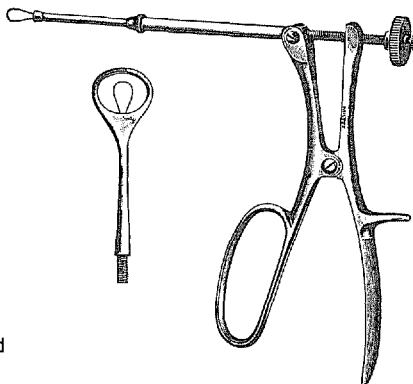
22-1060-6 Size 6 **22-1060-8** size 8

22-1060-7 Size 7 **22-1060-9** size 9

22-1070 BROWN Tonsil Snare, complete with one straight and one vedder tip

22-1072 Straight tip for BROWN Snare

22-1074 Vedder Tip 23 x 19 mm opening, for BROWN Snare

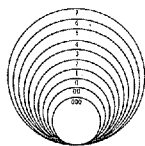


22-1070 to 22-1074

*For Snare Wire Sizes 4 and 5 see page 294



23-1 to 23-18



23-1 to 23-46



23-29 to 23-46



23-60



23-62

LARYNGEAL MIRRORS, Boilable, Thin Model

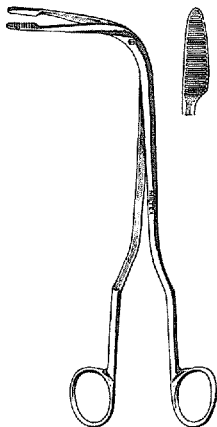
Complete with octagon threaded handle	Size No.	Diameter	Mirror only with threaded stem
23-1-000	000	10 mm	23-29-000
23-2-00	00	12 mm	23-30-00
23-4-0	0	14 mm	23-32-0
23-6-1	1	16 mm	23-34-1
23-8-2	2	18 mm	23-36-2
23-10-3	3	20 mm	23-38-3
23-12-4	4	22 mm	23-40-4
23-14-5	5	24 mm	23-42-5
23-16-6	6	26 mm	23-44-6
23-18-7	7	28 mm	23-46-7

23-60

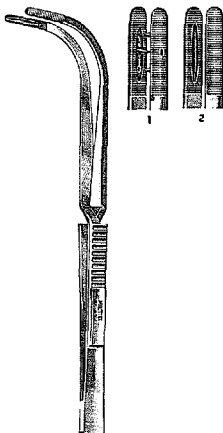
Octagon Threaded Handle for Laryngeal Mirrors

23-62

UNIVERSAL Chuck Handle for Laryngeal Mirrors, round, chrome



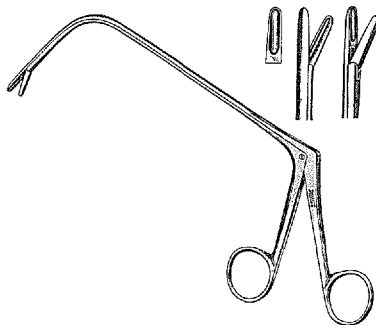
23-150



23-160
23-162



23-200



23-230
23-232

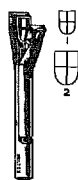
- 23-150** FRAENKEL Laryngeal Forceps 9" (22.9 cm), serrated jaws
- 23-160** JACKSON Laryngeal Forceps 9½" (24.1 cm), cross action, serrated jaws with 1 x 2 teeth, 3 mm wide
- 23-162** JACKSON Laryngeal Forceps 9½" (24.1 cm), cross action, serrated jaws 3 mm wide
- 23-200** IVAN Laryngeal Applicator 8½" (21.6 cm), curved, triangular end
- 23-230** FRAENKEL Laryngeal Forceps 9" (22.9 cm), alligator type, lower jaw opening, 12 x 3 mm cups
- 23-232** FRAENKEL Laryngeal Forceps 9" (22.9 cm), alligator type, jaw opening to right side, 12 x 3 mm cups



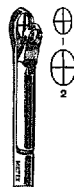
23-282



23-286



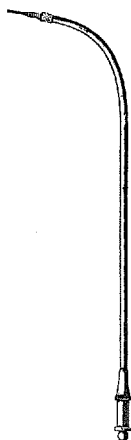
23-320
23-322



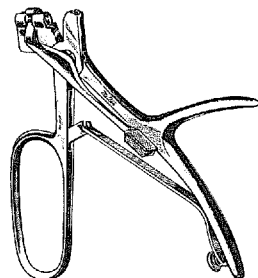
23-324
23-326



23-399 to 23-402



23-410



23-420

UNIVERSAL LARYNGEAL TIPS for use with
Nos. 23-399 to 23-410 Cannula and No. 23-420 Handle

23-282 BRUENING Cup Jaws, 3 mm round, straight

23-286 Cup Jaws, 3 mm round, angled-up.

23-320 KRAUSE Square Basket Jaws, through-cutting, small, straight

23-322 KRAUSE Square Basket Jaws, through-cutting, large, straight

23-324 KRAUSE Oval Basket Jaws, through-cutting, small, straight

23-326 KRAUSE Oval Basket Jaws, through-cutting, large, straight

UNIVERSAL CANNULA for use with
Laryngeal Tips and Universal Handles

23-399 15 cm straight

23-400 20 cm straight

23-402 30 cm straight

23-410 20 cm curved

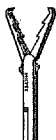
23-420 UNIVERSAL Handle for use with all Cannula and Tips



Bronchial and Esophageal Instruments



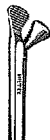
23-600



23-622



23-640 to 23-644
23-804



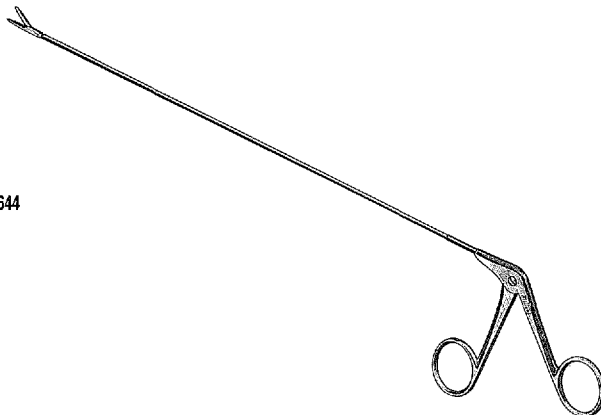
23-650



23-680 to 23-690



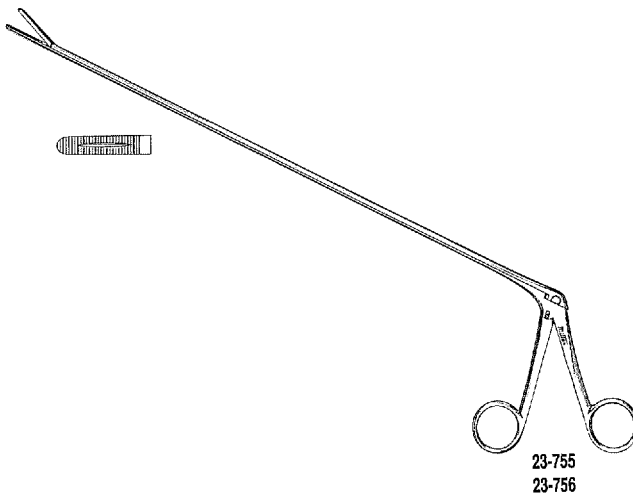
23-720



23-600 to 23-804

BRONCHOSCOPIC FORCEPS Double Articulated Jaws

23-600	Serrated Grasping Jaws, 30 cm shaft, 4 mm pass diameter
23-622	KAHLER Alligator Grasping Jaws, 40 cm shaft, 4 mm pass diameter
23-640	Serrated Jaws 3 x 12 mm, 30 cm shaft, 4 mm pass diameter
23-642	Serrated Jaws 3 x 12 mm, 40 cm shaft, 4 mm pass diameter
23-644	Serrated Jaws 3 x 12 mm, 50 cm shaft, 4 mm pass diameter
23-650	Papilloma Grasping Jaws 7 mm wide, with fine serrations, 30 cm shaft
23-680	JACKSON Cup Jaws 2 mm dia. straight, 30 cm shaft
23-690	JACKSON Cup Jaws 4 mm dia. straight, 30 cm shaft
23-720	JACKSON Cup Jaws 4 mm dia. angular, 30 cm shaft
23-804	Serrated Jaws 2 x 8 mm, Miniature size, 20 cm shaft, 3 mm pass diameter



JACKSON ENDOSCOPIC FORCEPS, Standard Pattern

- 23-755** Serrated Grasping Jaws 4 x 20 mm, 30 cm shaft, passes 5 mm tube
23-756 Serrated Grasping Jaws 4 x 20 mm, 30 cm shaft, passes 5 mm tube



23-1047



23-1048



23-1049



23-1050

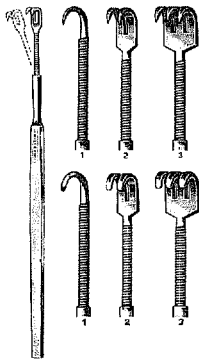


23-1051

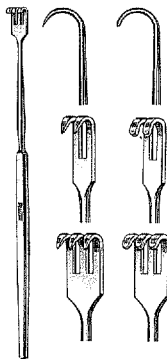
- 23-1047** LUKENS Trachea Retractor 6 $\frac{3}{4}$ " (17.1 cm), 10 mm wide curved and 7 mm wide angular blades
- 23-1048** HUPP Trachea Hook 6 $\frac{1}{2}$ " (16.5 cm), sharp point
- 23-1049** JACKSON Trachea Retractor 7" (17.8 cm), double end, 2 blunt prongs $\frac{5}{16}$ " (2.4 cm) wide, and solid blade $\frac{3}{8}$ " (1 cm) wide
- 23-1050** JACKSON Trachea Tenaculum 5 $\frac{3}{4}$ " (14.6 cm), sharp point
- 23-1051** NEWS Tracheotomy Hook 6" (15.2 cm), sharp point



11D-27



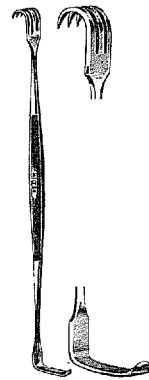
11-30 to 11-40



11-50 to 11-60



11-73



11-74
11-76

11D-27 Trachea Retractor 5" (12.7 cm), with Flexible Neck, 3 sharp prongs

TRACHEA RETRACTORS 6" (15.2 cm), with Flexible Neck

11-30	Sharp	1 Prong	11-36	Blunt
11-32	Sharp	2 Prongs	11-38	Blunt
11-34	Sharp	3 Prongs	11-40	Blunt

TRACHEA RETRACTORS 6" (15.2 cm), with Rigid Neck

11-50	Sharp	1 Prong	11-56	Blunt
11-52	Sharp	2 Prongs	11-58	Blunt
11-54	Sharp	3 Prongs	11-60	Blunt

11-73 RAGNELL Retractor 6" (15.2 cm), double end 3 x 8 mm and 5 x 15 mm blades, delicate

11-74 SENN Retractor 6 3/8" (16.2 cm), sharp, double end

11-76 SENN Retractor 6 3/8" (16.2 cm), blunt, double end

11-80 MATHIEU Retractor 6 1/2" (16.5 cm), sharp, double end

11-81 MATHIEU Retractor 6 1/2" (16.5 cm), blunt, double end

11-82 MEYERDING Skin Hook and Retractor 6 1/4" (15.9 cm), double end



11-80
11-81



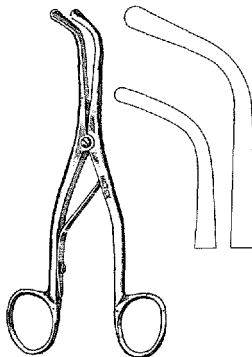
11-82



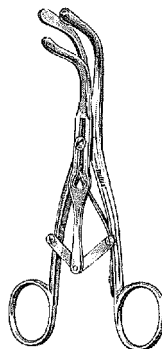
23-1060



23-1402



23-1420
23-1421



23-1430

23-1060 JACKSON Trachea Bistouri 6½" (16.5 cm), curved blade 2" (5.1 cm), long, with probe tip

23-1402 MOSHER Life Saving Tube 8" (20.3 cm) size 20 Fr. (6.6 mm)

23-1420 TROUSSEAU Trachea Dilator 5¼" (13.3 cm), standard size, jaws 3 cm long x 5 mm wide at tip

23-1421 TROUSSEAU Trachea Dilator 4½" (11.4 cm), neo natal size, jaws 2 cm long x 3 mm wide at tip

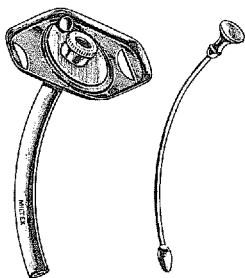
23-1430 LaBORDE Trachea Dilator 5½" (14 cm), three bladed

T Tracheal Instruments

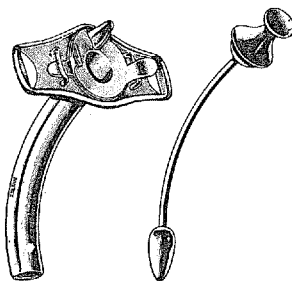


Size	Actual Size	O.D. mm	Cat. No. 23-1139SS to 23-1219SS	Cat. No. 23-1243SS to 23-1251SS	Cat. No. 23-1350SS to 23-1352SS	Cat. No. 23-1360ST and 23-1361ST
00		4	1-5/16" (33mm)			
0		5	1-1/2" (38mm)			
1		5.5	1-3/4" (44mm)			
2		6	2" (51mm)	1-3/4" (44mm)		
3		7	2-9/32" (58mm)	1-7/8" (48mm)		
4		8	2-7/16" (62mm)	2-1/16" (52mm)		
5		9	2-5/8" (68mm)	2-3/16" (56mm)		
6		10	2-11/16" (69mm)	2-3/16" (56mm)		
7		11	2-11/16" (69mm)	2-3/16" (56mm)		2-5/32" (55mm)
8		12	2-11/16" (69mm)	2-3/16" (56mm)	1-5/8" (42mm)	2-5/32" (55mm)
9		13	2-11/16" (69mm)	2-3/16" (56mm)		
10		14	2-11/16" (69mm)	2-3/16" (56mm)	1-5/8" (42mm)	
12		16			1-5/8" (42mm)	

Length in inches and millimeters measured on inside curve



23-1139 to 23-1159



23-1199 to 23-1251

JACKSON TRACHEA TUBES, Improved Model with Rotating Lock

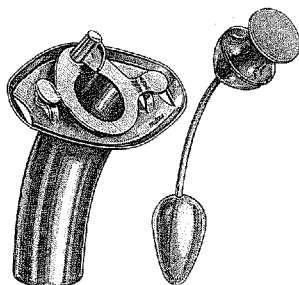
23-1139SS	Size 00	23-1150SS	Size 5
23-1140SS	Size 0	23-1152SS	Size 6
23-1142SS	Size 1	23-1154SS	Size 7
23-1144SS	Size 2	23-1156SS	Size 8
23-1146SS	Size 3	23-1158SS	Size 9
23-1148SS	Size 4	23-1159SS	Size 10

JACKSON TRACHEA TUBES, Regular Length, Original Model with Wing Lock

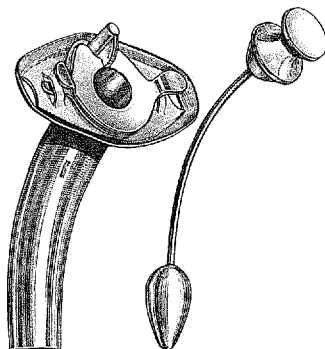
23-1199SS	Size 00	23-1210SS	Size 5
23-1200SS	Size 0	23-1212SS	Size 6
23-1202SS	Size 1	23-1214SS	Size 7
23-1204SS	Size 2	23-1216SS	Size 8
23-1206SS	Size 3	23-1218SS	Size 9
23-1208SS	Size 4	23-1219SS	Size 10

JACKSON TRACHEA TUBES, Short Length, Original Model with Wing Lock

23-1243SS	Size 2	23-1248SS	Size 7
23-1244SS	Size 3	23-1249SS	Size 8
23-1245SS	Size 4	23-1250SS	Size 9
23-1246SS	Size 5	23-1251SS	Size 10
23-1247SS	Size 6		



23-1350 to 23-1352



23-1360
23-1361

- 23-1350SS** MARTIN Laryngectomy Tube, Size 8
- 23-1351SS** MARTIN Laryngectomy Tube, Size 10
- 23-1352SS** MARTIN Laryngectomy Tube, Size 12
- 23-1360ST** LEWIS Laryngectomy Tube, Size 7, tapered, sterling
- 23-1361ST** LEWIS Laryngectomy Tube, Size 8, tapered, sterling

CLEANING BRUSHES for Trachea and Laryngectomy Tubes Nylon Bristles with Stainless Wire Handles

- 23-1600** Small Brush for tube sizes 2 to 5, overall length 6" (15.2 cm)
- 23-1602** Large Brush for tube sizes 6 to 12, overall length 8" (20.3 cm)



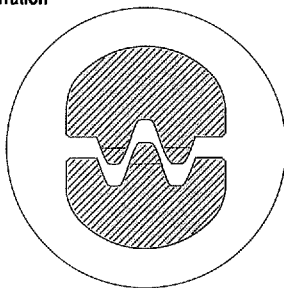
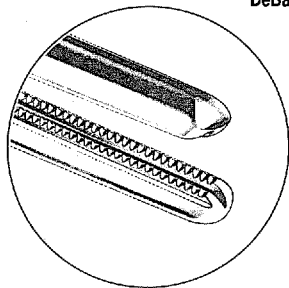
23-1600



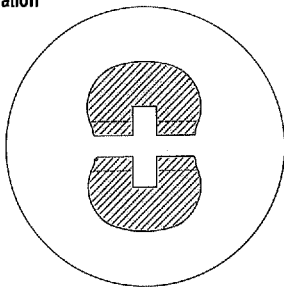
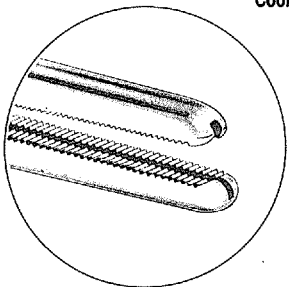
23-1602

Enlarged cross sections of our basic patterns:

DeBaKey type serration



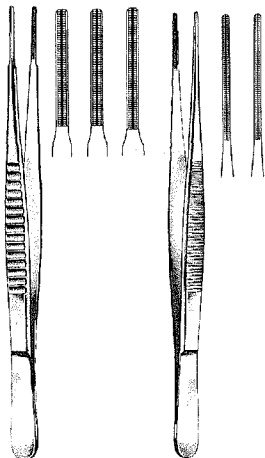
Cooley type serration



Manufactured in the Miltex tradition, these high quality instruments feature:

- Individual hand finishing assures soft spring action of the handles and perfect balance
- A scientific milling process produces an exclusive design on the atraumatic clamping surfaces, providing fine serrations that are of non-traumatic quality, but that will grip the tissue firmly
- Basic jaw types include the DeBaKey type and the Cooley type

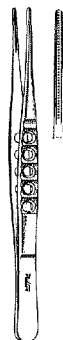
Atraumatic Forceps



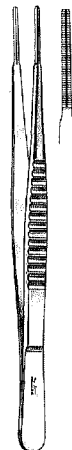
24-550 to 24-556

24-570 to 24-574

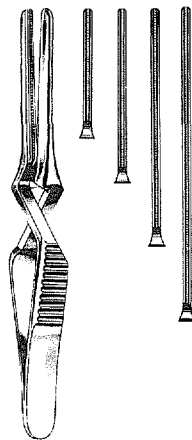
24-570XL



6-125



24-580
24-582



24-600 to 24-606

DeBAKEY THORACIC TISSUE FORCEPS, 2.5 mm wide tips

24-550	6" (15.2 cm)	24-554	9½" (24.1 cm)
24-552	7½" (19.7 cm)	24-556	12" (30.5 cm)

DeBAKEY VASCULAR TISSUE FORCEPS, 1.5 mm wide tips

24-570	6" (15.2 cm)
24-570XL	6" (15.2 cm), lightweight with fenestrated handles
24-572	8" (20.3 cm)
24-574	9½" (24.1 cm)

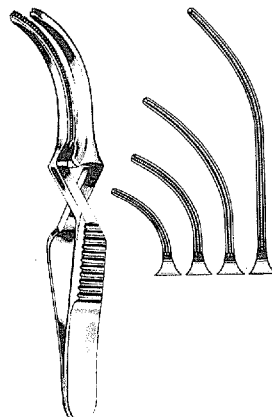
6-125 DeBAKEY-ADSON Tissue Forceps 4¾" (12.1 cm), 1.5 mm wide tips

24-580 COOLEY Vascular Tissue Forceps 6" (15.2 cm), tips 2 mm wide

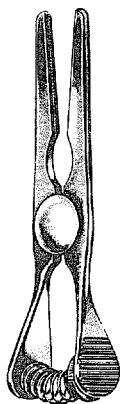
24-582 COOLEY Vascular Tissue Forceps 8" (20.3 cm), tips 2 mm wide

DeBAKEY BULLDOG CLAMPS, Cross Action

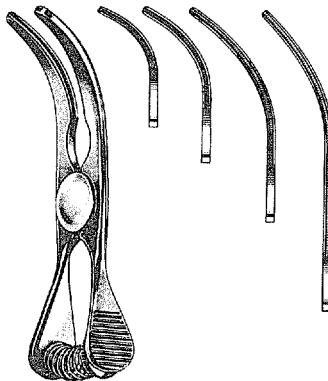
Straight	Size	Tips	Curved
24-600	7.5 cm	2 cm	24-650
24-602	8.5 cm	3 cm	24-652
24-604	10.5 cm	4.5 cm	24-654
24-606	12 cm	6 cm	24-656



24-650 to 24-656



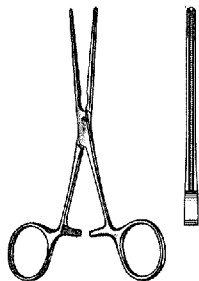
24-700 to 24-704



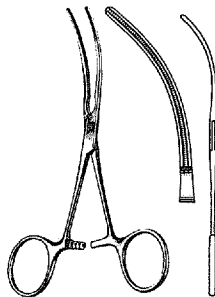
24-750 to 24-756

GLOVER BULLDOG CLAMPS, with Spring Tension Adjusting Screw

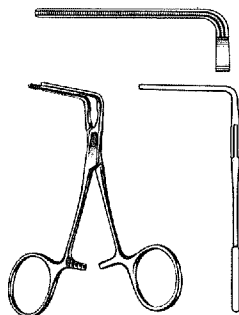
Straight	Size	Jaws	Curved
24-700	7 cm	2 cm	24-750
24-702	8 cm	2.5 cm	24-752
24-704	9 cm	4 cm	24-754
—	11 cm	6 cm	24-756



24-800



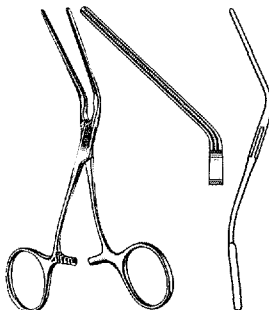
24-802



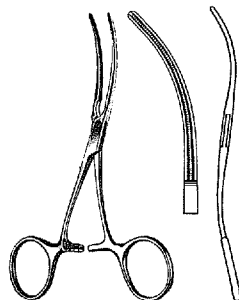
24-804

DeBAKEY RING HANDLED BULLDOG CLAMPS

- 24-800 Straight 5" (12.7 cm)
- 24-802 Curved 4¾" (12.1 cm)
- 24-804 90° Angle 4" (10.2 cm)
- 24-806 45° Angle 4⅞" (12.4 cm)
- 24-808 S-Curved 4¾" (12.1 cm)



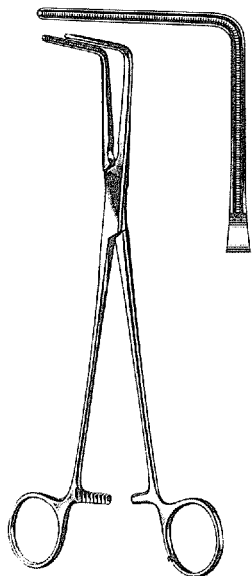
24-806



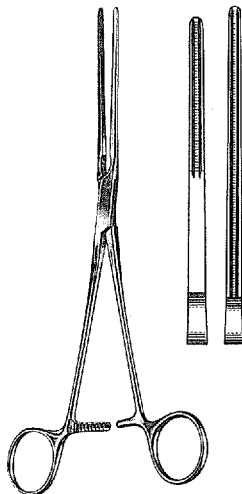
24-808



Atraumatic Forceps



24-900



24-1000
24-1100

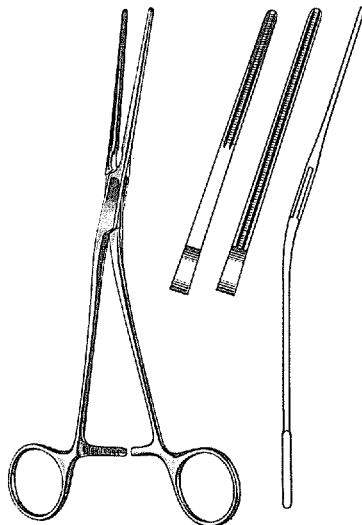
24-900 LEE Right Angle Bronchus and General Purpose Vascular Clamp 9" (22.9 cm)

24-1000 GLOVER Patent Ductus Clamp 8" (20.3 cm), straight, 3 cm jaws

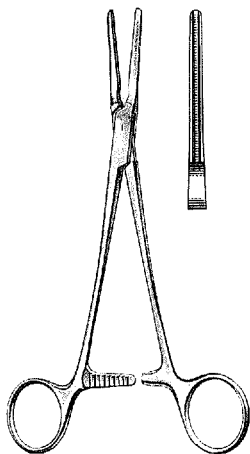
24-1002 GLOVER Patent Ductus Clamp 8" (20.3 cm), angular, 3 cm jaws

24-1100 GLOVER Coarctation Clamp 8 3/4" (22.2 cm), straight, 6 cm jaws

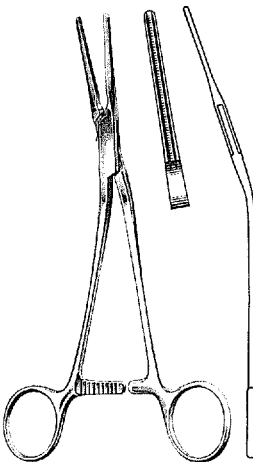
24-1102 GLOVER Coarctation Clamp 8 3/4" (22.2 cm), angular, 6 cm jaws



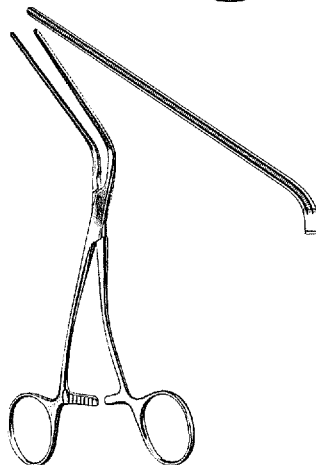
24-1002
24-1102



24-1150



24-1152



24-1180

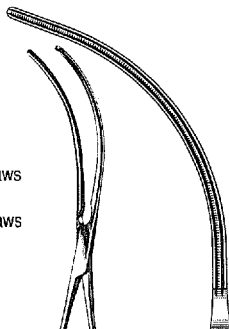
24-1150 DeBAKEY Patent Ductus and Peripheral Vascular Clamp 8" (20.3 cm) straight, 3 cm jaws

24-1152 DeBAKEY Patent Ductus and Peripheral Vascular Clamp 8" (20.3 cm) angular, 3 cm jaws

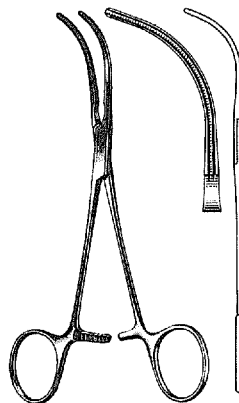
24-1180 DeBAKEY Peripheral Vascular Clamp 7" (17.8 cm), angled jaws 6.5 cm

24-1190 DeBAKEY Patent Ductus and Peripheral Vascular Clamp 8" (20.3 cm), S-Shaped

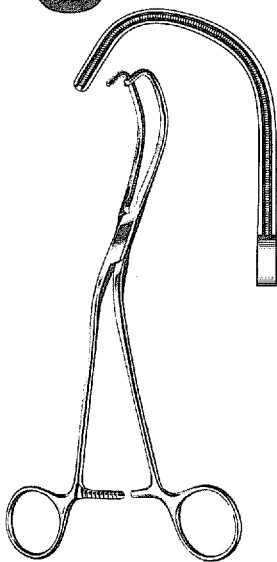
24-1200 DeBAKEY Peripheral Vascular Clamp 6" (15.2 cm), curved jaws



24-1190

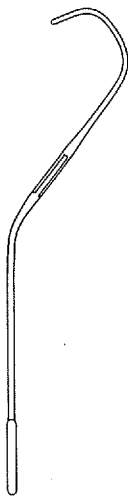


24-1200

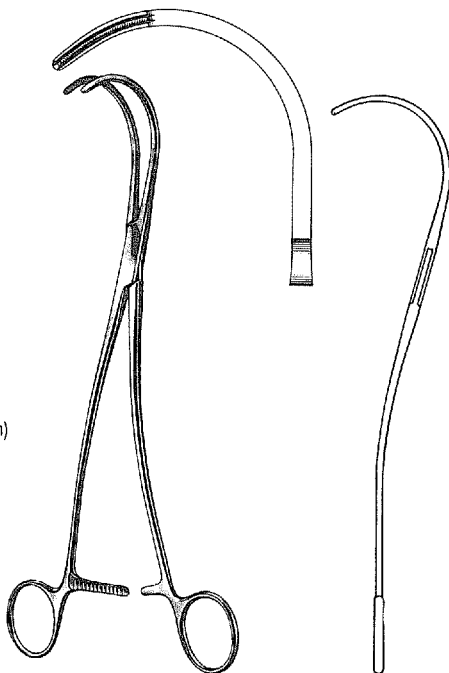


24-1250

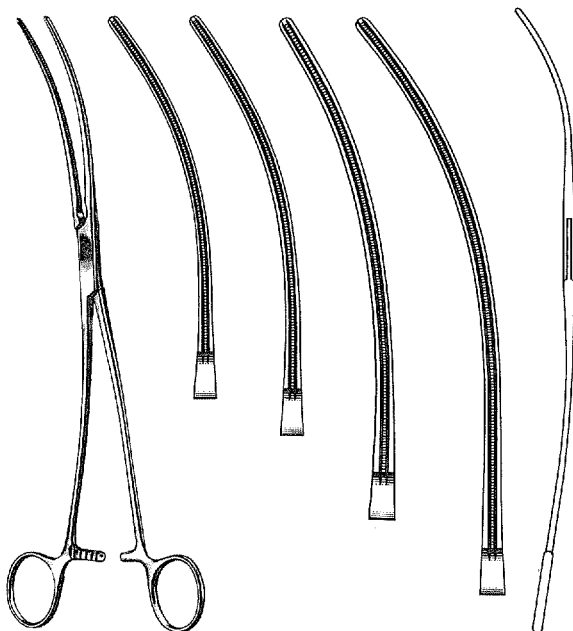
24-1250 LAMBERT-KAY Vascular Clamp for Aortic Anastomosis 8" (20.3 cm), jaws 4.5 cm wide, 1.9 cm deep



24-1300 DeBAKEY-SEMB Ligature Carrier 10 1/4" (26 cm)

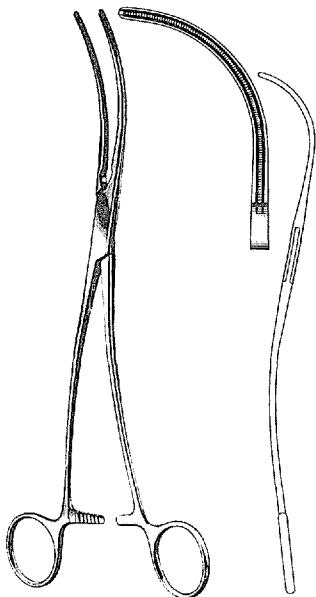


24-1300

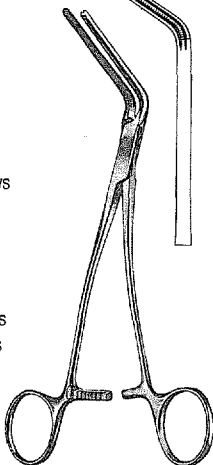
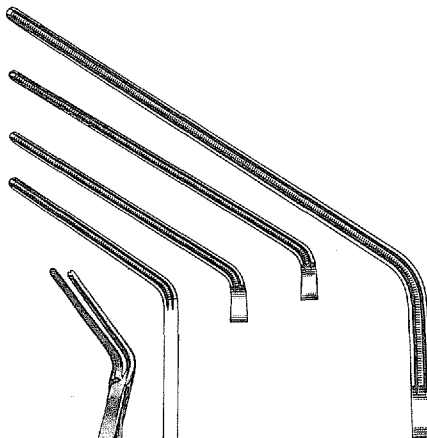


24-1400 to 24-1412

24-1400	DeBAKEY Vascular Clamp for Aortic Aneurism 10" (25.4 cm), slightly curved jaws 7.5 cm
24-1404	DeBAKEY Vascular Clamp for Aortic Aneurism 10½" (26.7 cm), slightly curved jaws 8.5 cm
24-1408	DeBAKEY Vascular Clamp for Aortic Aneurism 12¼" (31 cm), slightly curved jaws 10 cm
24-1412	DeBAKEY Vascular Clamp for Aortic Aneurism 12¾" (32.4 cm), slightly curved jaws 12 cm



24-1500



24-1600 to 24-1606

24-1500 DeBAKEY Vascular Clamp for Aortic Aneurism 9½" (24.1 cm), strongly curved jaws

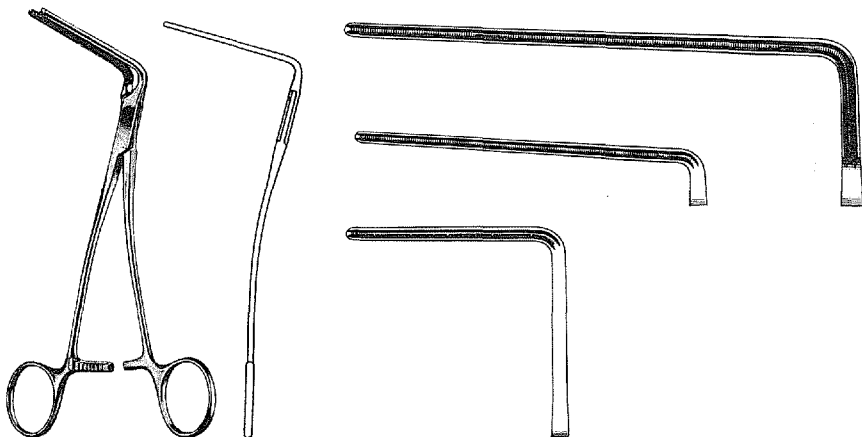
DeBAKEY MULTIPURPOSE CLAMPS,
OBTUSE ANGLE, 60°

24-1600 9½" (24.1 cm) long, 4 cm jaws

24-1602 8¾" (21 cm) long, 5 cm jaws

24-1604 9½" (24.1 cm) long, 6.5 cm jaws

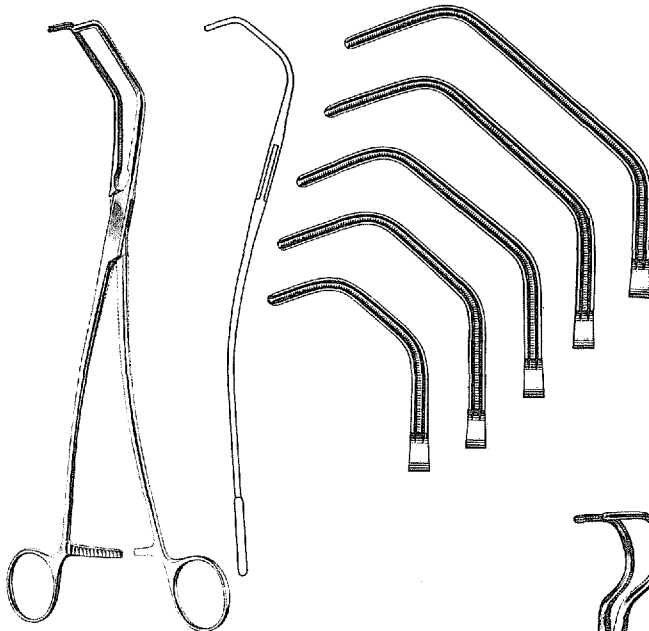
24-1606 12" (30.5 cm) long, 10 cm jaws



24-1650 to 24-1656

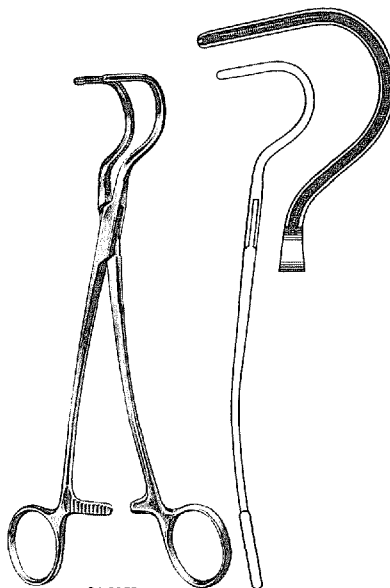
DeBAKEY MULTIPURPOSE CLAMPS, RIGHT ANGLE, 90°

24-1650	9" (22.9 cm) long,	4 cm jaws
24-1654	8" (20.3 cm) long,	6.5 cm jaws
24-1656	10½" (26.7 cm) long,	10 cm jaws

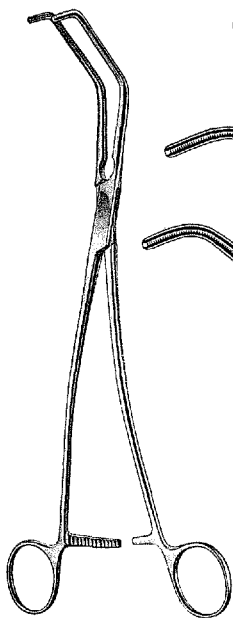


24-2000 to 24-2040

24-2000	DeBAKEY Tangential Occlusion Clamp 8" (20.3 cm)
24-2010	DeBAKEY Tangential Occlusion Clamp 10" (25.4 cm)
24-2020	DeBAKEY Tangential Occlusion Clamp 10¼" (26 cm)
24-2030	DeBAKEY Tangential Occlusion Clamp 10½" (26.7 cm)
24-2040	DeBAKEY Tangential Occlusion Clamp 11" (27.9 cm)
24-2050	WYLIE "J" Clamp 9" (22.9 cm), 3.3 cm wide x 2.5 cm deep jaws



24-2050



24-2100 to 24-2120

24-2100

SATINSKY-DeBAKEY Vascular Clamp for Vena Cava 9 3/4" (24.8 cm), small

24-2110

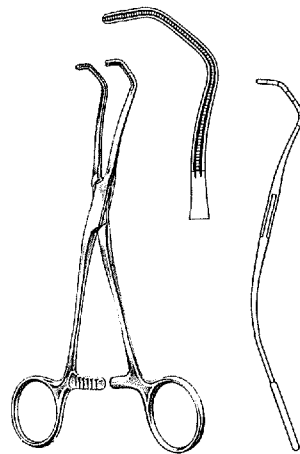
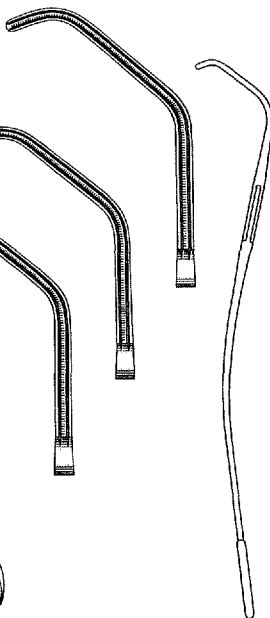
SATINSKY-DeBAKEY Vascular Clamp for Vena Cava 9 3/4" (24.8 cm), medium

24-2120

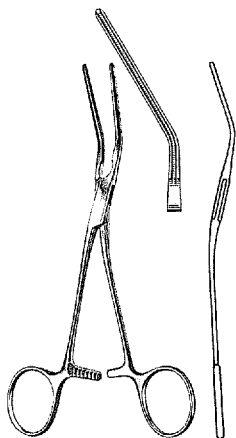
SATINSKY-DeBAKEY Vascular Clamp for Vena Cava 9 3/4" (24.8 cm), large

24-2500

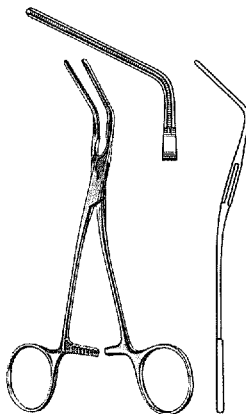
COOLEY Pediatric Vascular Clamp for Anastomosis 6 1/2" (16.5 cm), with 5mm graduations on jaws



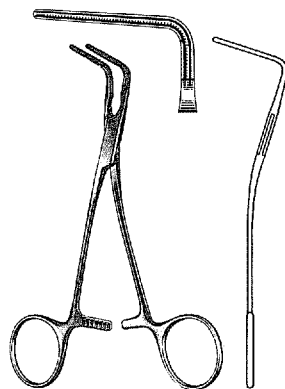
24-2500



24-2700

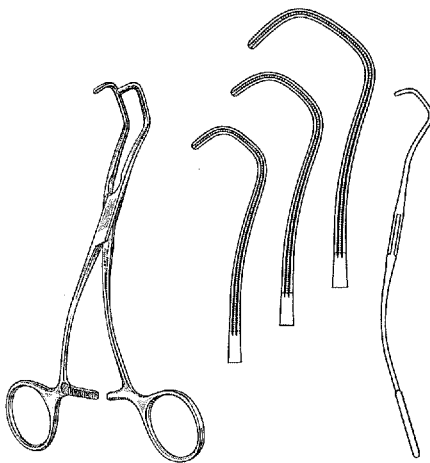


24-2710

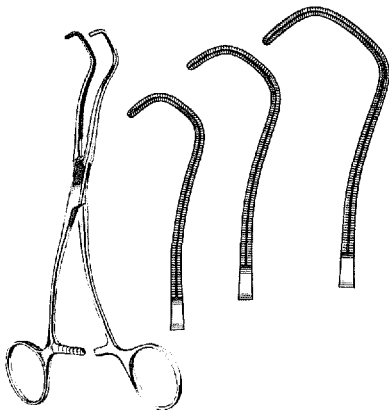


24-2720

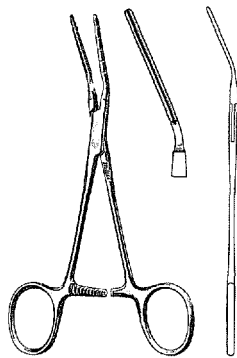
- 24-2700** DeBAKEY Pediatric Multi-Purpose Clamp
6½" (16.5 cm), angled 30°
- 24-2710** DeBAKEY Pediatric Multi-Purpose Clamp
6" (15.2 cm), angled 60°
- 24-2720** DeBAKEY Pediatric Multi-Purpose Clamp
5½" (14 cm), angled 90°
- 24-2960** DeBAKEY-DERRA Vascular Clamp for
Anastomosis 6¼" (15.9 cm), small jaws
- 24-2961** DeBAKEY-DERRA Vascular Clamp for
Anastomosis 6¾" (17.1 cm), medium jaws
- 24-2962** DeBAKEY-DERRA Vascular Clamp for
Anastomosis 7" (17.8 cm), large jaws



24-2960 to 24-2962



24-3000 to 24-3020



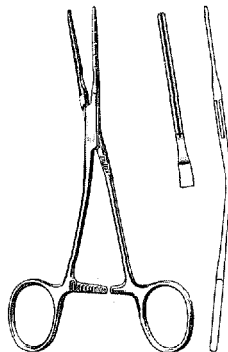
24-3200

COOLEY-DERRA Pediatric Vascular Clamps for Anastomosis 6½" (16.5 cm)

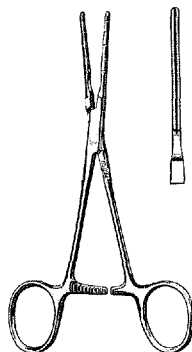
- 24-3000 small
- 24-3010 medium
- 24-3020 large

COOLEY Pediatric Vascular Clamps 5½" (14 cm)
5 mm calibrations on outer sides of jaws

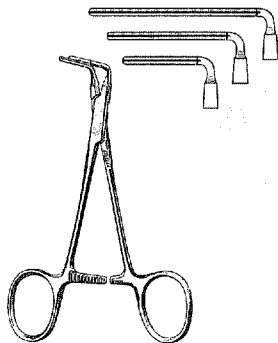
- 24-3200 angled jaws 25 mm, straight handles
- 24-3210 straight jaws 25 mm, angled handles
- 24-3220 straight jaws 25 mm, straight handles



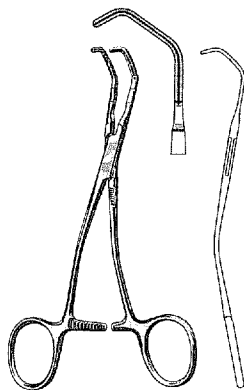
24-3210



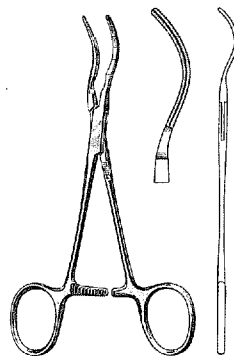
24-3220



24-3230 to 24-3250



24-3260



24-3270

COOLEY CLAMPS Pediatric Vascular Clamps,
5 mm calibrations on outer sides of jaws 4 $\frac{3}{4}$ " (12.1 cm)

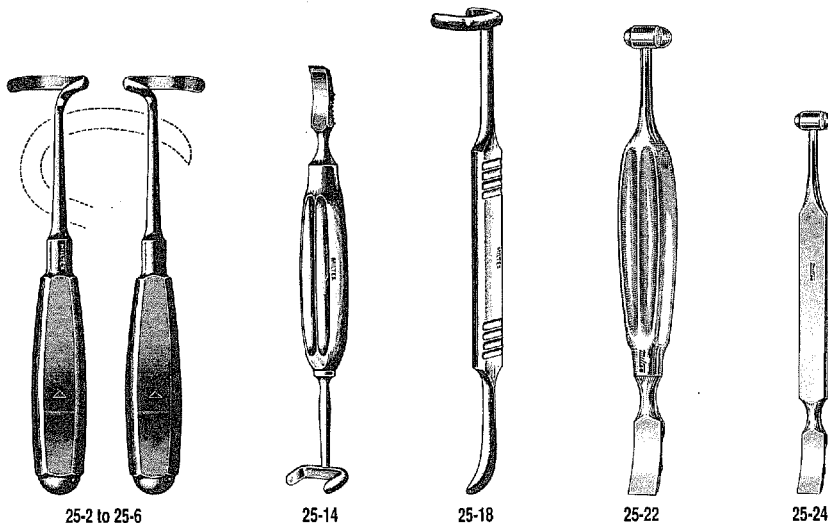
24-3230 right angle jaws 17 mm, straight handles

24-3240 right angle jaws 25 mm, straight handles

24-3250 right angle jaws 35 mm, straight handles

24-3260 COOLEY-SATINSKY Clamp 5 $\frac{1}{2}$ " (14 cm)

24-3270 COOLEY Spoon Shape Clamp 5 $\frac{1}{2}$ " (14 cm)



DOYEN RIB ELEVATORS AND RASPATORIES 7" (17.8 cm)

- 25-2 Adult Size, right
- 25-4 Adult Size, left
- 25-6 Child Size, right

25-14 MATSON-ALEXANDER Rib Elevator and Stripper 8¾" (22.2 cm)

25-18 MATSON Rib Elevator and Stripper 8¾" (22.2 cm)

25-22 ALEXANDER-FARABEUF Periosteotome 8¼" (21 cm), standard size, 12 mm and 24 mm wide ends

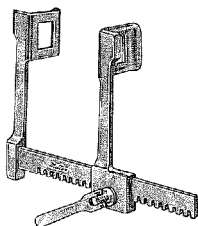
25-24 ALEXANDER-FARABEUF Periosteotome 6" (15.2 cm), pediatric size, 10 mm and 14 mm wide ends



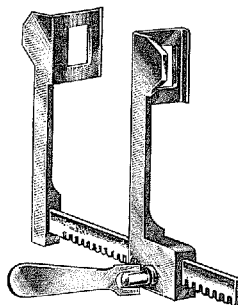
Thoracic and Cardiovascular Instruments



25-28



25-98

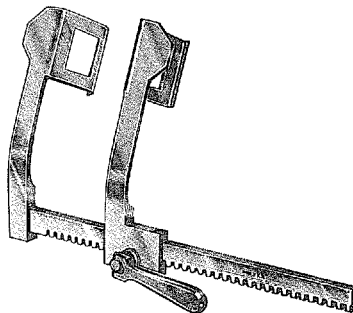


25-100 to 25-106

- 25-28** SEDILLOT Periosteal Elevator 7½" (19.1 cm), blade 17 mm wide
- 25-98** FINOCHIETTO-DeBAKEY Infant Rib Spreader, blades 19 mm deep x 21 mm wide, 85 mm spread, light construction

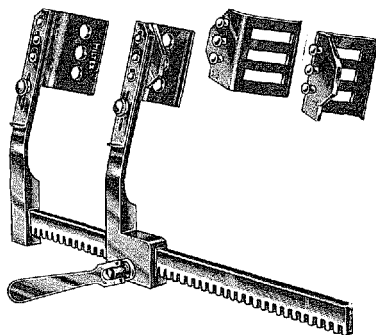
FINOCHIETTO RIB SPREADERS, Original Model

- 25-100** Child Size, blades 38 mm deep x 45 mm wide, 6" (15.2 cm) spread, straight arms
- 25-102** Standard Size, blades 48 mm deep x 65 mm wide, 8" (20.3 cm) spread, straight arms
- 25-104** Standard Size, blades 48 mm deep x 65 mm wide, 10" (25.4 cm) spread, straight arms
- 25-106** Standard Size, blades 48 mm deep x 65 mm wide, 12" (30.5 cm) spread, straight arms
- 25-130** Standard Size, blades 48 mm deep x 65 mm wide, 8" (20.3 cm) spread, curved arms
- 25-132** Standard Size, blades 48 mm deep x 65 mm wide, 10" (25.4 cm) spread, curved arms
- 25-134** Standard Size, blades 48 mm deep x 65 mm wide, 12" (30.5 cm) spread, curved arms

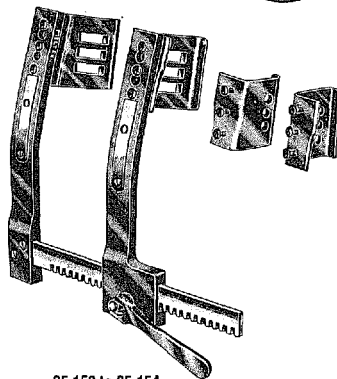


25-130 to 25-134

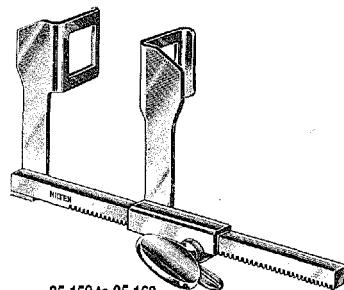
Thoracic and Cardiovascular Instruments



25-140 to 25-144



25-150 to 25-154



25-158 to 25-160

BURFORD-FINOCHIETTO RIB SPREADERS
with 2 pairs interchangeable blades 48 mm deep x 65 mm wide,
and 72 mm deep x 65 mm wide

25-140	8" (20.3 cm) Spread	25-142	10" (25.4 cm) Spread	25-144	12" (30.5 cm) Spread

BURFORD-FINOCHIETTO RIB SPREADERS, LIGHT WEIGHT ALUMINUM
with 2 pairs interchangeable blades 43 mm deep x 63 mm wide,
and 65 mm deep x 63 mm wide

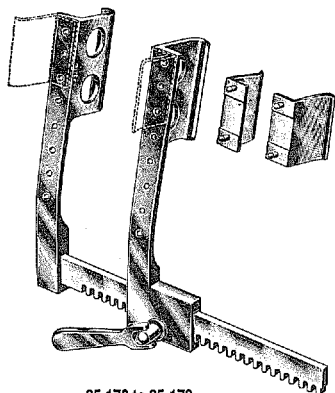
25-150	8" (20.3 cm) Spread	25-152	10" (25.4 cm) Spread	25-154	12" (30.5 cm) Spread

25-158 Haight Baby Rib Spreader, 6.5 cm arms, 32 x 32 mm blades, 11 cm spread

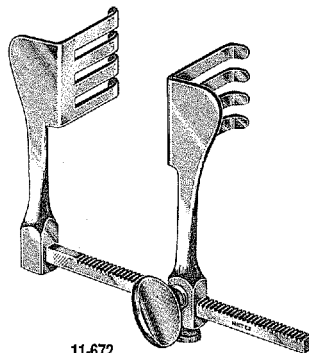
25-160 Haight Baby Rib Spreader, 9 cm arms, 32 x 32 mm blades, 11 cm spread



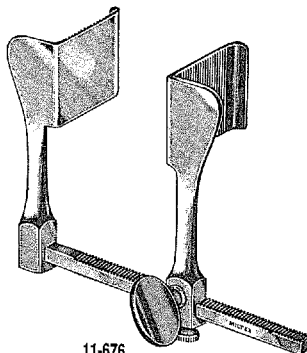
Thoracic and Cardiovascular Instruments



25-170 to 25-172



11-672



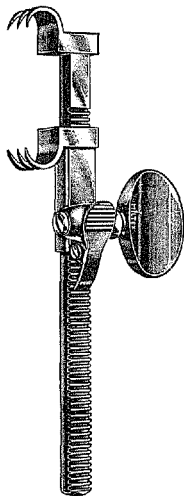
11-676

HARKEN RIB SPREADERS and SCAPULA RETRACTORS,
blades 45 mm deep x 65 mm wide,
with detachable scapula blades 43 mm deep x 50 mm wide

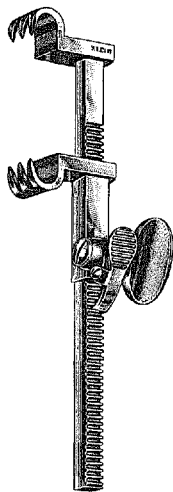
25-170 8" (20.3 cm) Spread **25-172** 10" (25.4 cm) Spread

11-672 BADGLEY Rib Spreader, 4 x 4 blunt teeth, 2" (5.1 cm) x
1 1/4" (4.4 cm), 6 1/2" (16.5 cm) spread

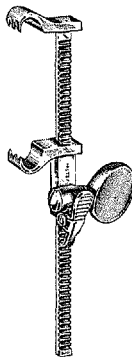
11-676 TUFFIER Rib Spreader, 2" (5.1 cm) x 1 1/4" (4.4 cm), grooved
blades, 6 1/2" (16.5 cm) spread



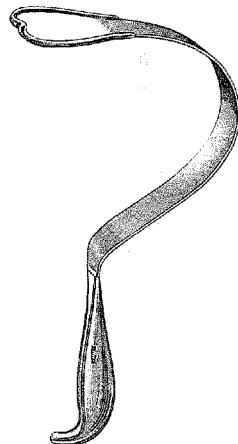
25-200



25-202



25-204



11-314 to 11-318

25-200 BAILEY Rib Contractor, Standard model

25-202 BAILEY-GIBBON Rib Contractor, with 9 mm longer arms than standard model

25-204 BAILEY Pediatric Rib Contractor, light-weight construction

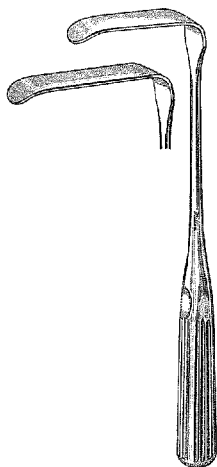
11-314 HARRINGTON Splanchnic Retractor 12" (30.5 cm), large blade 2½" (6.4 cm) wide

11-316 HARRINGTON Splanchnic Retractor 12" (30.5 cm), small blade 1½" (3.8 cm) wide

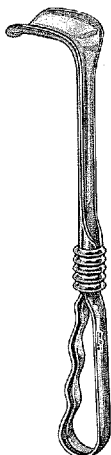
11-318 HARRINGTON Splanchnic Retractor 9½" (24.1 cm), extra small blade 1" (2.5 cm) wide



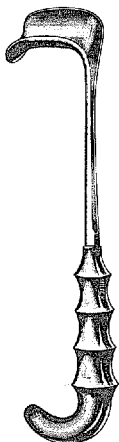
Thoracic and Cardiovascular Instruments



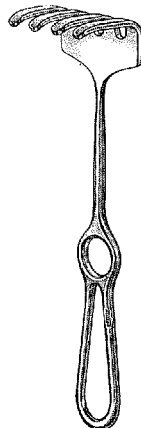
25-272
25-274



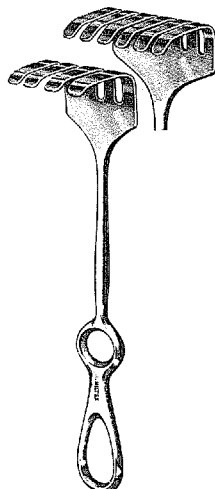
11-246 to 11-249



11-250 to 11-256



11-349



11-350
11-352

- 25-272** SAUERBRUCH Retractor 9" (22.9 cm), Size 2, blade $\frac{7}{8}$ " (2.2 cm) x $2\frac{1}{4}$ " (5.7 cm)
25-274 SAUERBRUCH Retractor 9" (22.9 cm), Size 3, blade $\frac{3}{4}$ " (1.9 cm) x $2\frac{7}{8}$ " (7.3 cm)

RICHARDSON RETRACTORS 9 $\frac{1}{2}$ " (24.1 cm)

With Loop Handle

Blade Size

With Hollow Grip Handle

11-246 1" (2.5 cm) x $\frac{3}{4}$ " (1.9 cm)

11-250

11-247 $1\frac{1}{4}$ " (3.2 cm) x 1" (2.5 cm)

11-252

11-248 $1\frac{1}{2}$ " (3.8 cm) x $1\frac{1}{2}$ " (3.8 cm)

11-254

11-249 2" (5.1 cm) x $\frac{3}{4}$ " (1.9 cm)

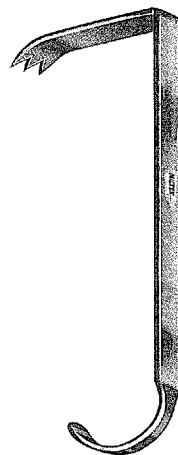
11-256

11-349 OLLIER Retractor 8 $\frac{1}{2}$ " (21.6 cm), blunt, 4 prongs $2\frac{1}{4}$ " (5.7 cm) x $1\frac{3}{4}$ " (4.4 cm)

11-350 ISRAEL Retractor 9" (22.9 cm), blunt, 4 prongs $1\frac{1}{2}$ " (3.8 cm) x $1\frac{5}{8}$ " (4.1 cm)

11-352 ISRAEL Retractor 9" (22.9 cm), blunt, 6 prongs $2\frac{1}{4}$ " (5.7 cm) x $1\frac{3}{4}$ " (4.4 cm)

11-590 HIBBS Retractor 9 $\frac{1}{4}$ " (23.5 cm), blade 1" (2.5 cm) x 3" (9.6 cm) deep

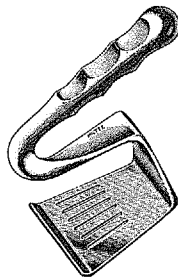


11-590

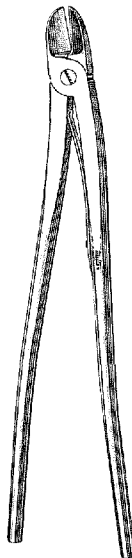
For additional Retractors see pages 151 - 187



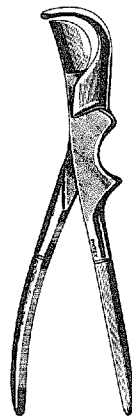
25-302



25-306



25-350



25-360

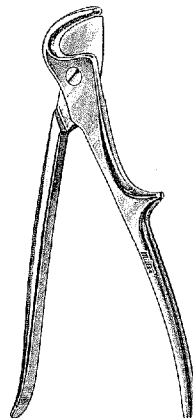
25-302 ALLISON Lung Retractor 12¾" (32.4 cm), standard size 2" (5.1 cm) wide blade

25-306 DAVIDSON Scapula Retractor, blade 3½" (8.9 cm) wide x 3¼" (8.3 cm) deep

25-350 BETHUNE Rib Shears 13¾" (34.9 cm), double curved handles

25-360 GLUCK Rib Shears 8½" (21.6 cm)

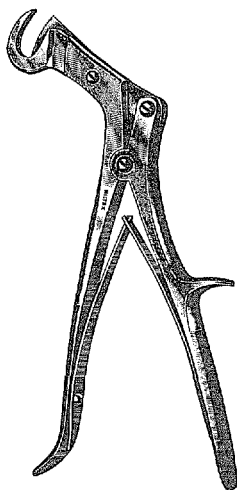
25-362 STILLE Pattern Rib Shears 8½" (21.6 cm)



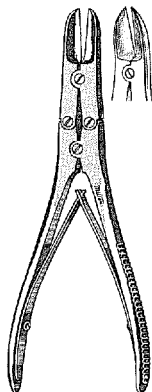
25-362



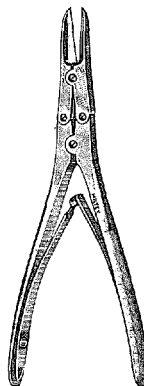
Thoracic and Cardiovascular Instruments



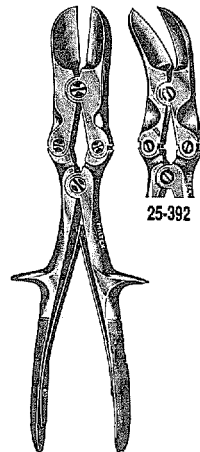
25-378



25-384 to 25-385



21-628



25-392

25-390

25-378 STILLE-GIERTZ Rib Shears 10" (25.4 cm)

25-384 RUSKIN Bone Cutting Forceps 7½" (19.1 cm), straight standard blades

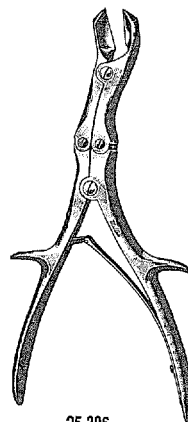
25-385 RUSKIN Bone Cutting Forceps 7½" (19.1 cm), slightly angled standard blades

21-628 RUSKIN Bone Cutting Forceps 7½" (19.1 cm), straight delicate blades

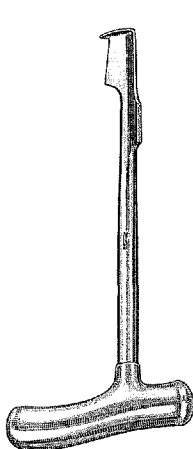
25-390 STILLE-LISTON Bone Cutting Forceps 10¾" (27.3 cm), straight

25-392 STILLE-LISTON Bone Cutting Forceps 10¾" (27.3 cm), curved

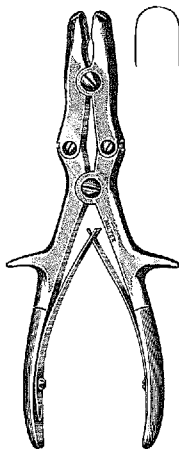
25-396 STILLE-HORSLEY Bone Cutting Forceps 10½" (26.7 cm), angled blades



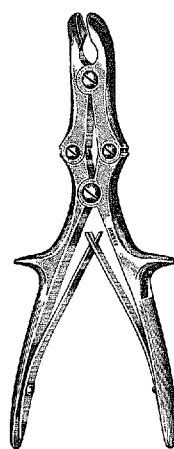
25-396



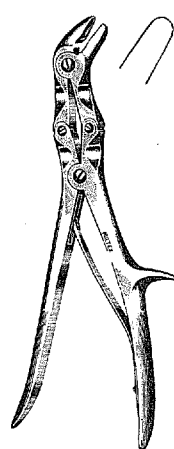
25-440



25-454

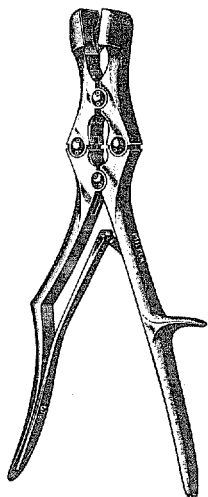


25-456

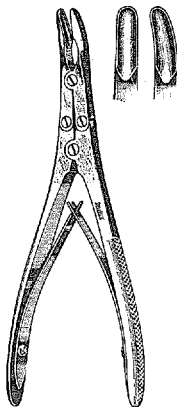


25-458

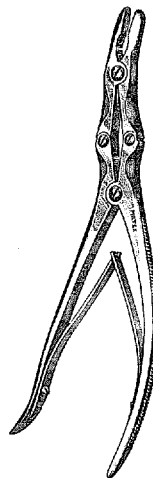
25-440	LEBSCHKE Sternum Knife 10" (25.4 cm)
25-454	STILLE-LUER Rongeur, 8¾" (22.2 cm), straight jaws 9 x 15 mm
25-456	STILLE-LUER Rongeur, 8¾" (22.2 cm), curved jaws 9 x 15 mm
25-458	STILLE-LUER Duckbill Rongeur, 9" (22.9 cm), angled on side jaws 6 x 12 mm



25-480

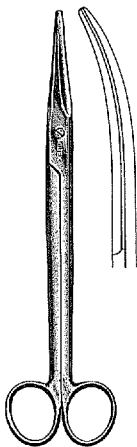


19-850 to 19-856

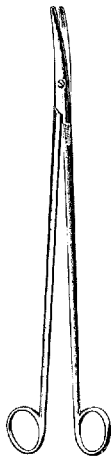


**25-510
25-511**

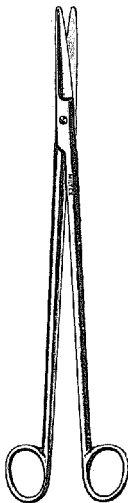
25-480	SAUERBRUCH Rongeur 12" (30.5 cm), straight, square jaws 17 mm wide
19-850	RUSKIN Rongeur 7 1/4" (18.4 cm), straight, 5 mm bite
19-852	RUSKIN Rongeur 7 1/4" (18.4 cm), curved, 5 mm bite
19-854	RUSKIN Rongeur 7 1/4" (18.4 cm), straight, 7 mm bite
19-856	RUSKIN Rongeur 7 1/4" (18.4 cm), curved, 7 mm bite
25-510	LEKSELL Rongeur 9 1/2" (24.1 cm), standard curve, 3 mm bite
25-511	LEKSELL Rongeur 9 1/2" (24.1 cm), standard curve, 8 mm bite



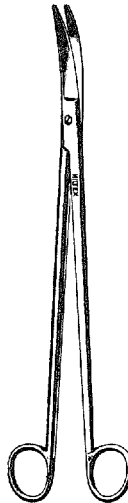
5-128
5-130



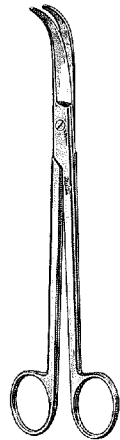
5-186 to 5-196



5-200



5-202



5-243

- 5-128 MAYO-HARRINGTON Dissecting Scissors 9" (22.9 cm), straight
5-130 MAYO-HARRINGTON Dissecting Scissors 9" (22.9 cm), curved

NELSON LOBECTOMY SCISSORS

Straight	Length	Curved
5-186	9" (22.9 cm)	5-188
5-190	11" (27.9 cm)	5-192
5-194	14 1/2" (36.8 cm)	5-196

- 5-200 HARRINGTON (WILLAUER) Lobectomy Scissors 11 1/2" (29.2 cm), straight

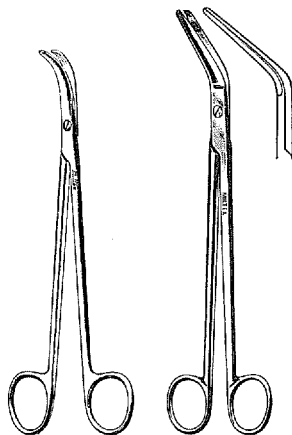
- 5-202 HARRINGTON (WILLAUER) Lobectomy Scissors 11 1/2" (29.2 cm), curved

- 5-243 JORGENSON Scissors 9" (22.9 cm), strongly curved blades

- 5-244 THOREK Scissors 7 1/4" (18.4 cm), full curve

- 5-245 THOREK Scissors 10" (25.4 cm), full curve

- 5-260 SWEET Esophageal Scissors 8 1/2" (21.6 cm), angled on flat



5-244
5-245

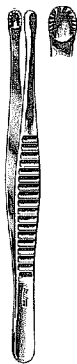
5-260

For Carb-N-Sert Scissors with tungsten carbide inserts see pages 55 - 59

For SuperCut Scissors see pages 60 - 63



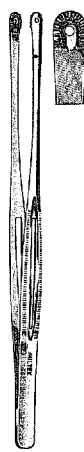
6-140
6-141



6-142 to 6-145



6-200 to 6-204



6-210



6-212

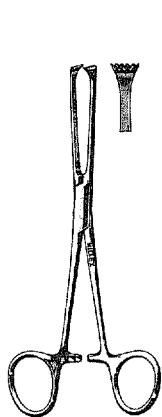


6-214

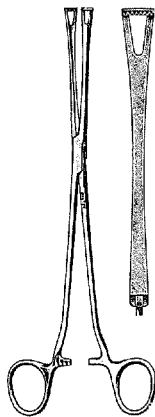


16-80

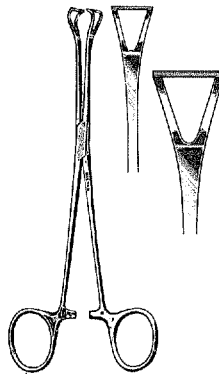
- 6-140 BROWN Side Grasping Tissue Forceps 8" (20.3 cm), 8 x 8 teeth
- 6-141 BROWN Side Grasping Tissue Forceps 10" (25.4 cm), 8 x 8 teeth
- 6-142 RUSSIAN Tissue Forceps 6" (15.2 cm)
- 6-144 RUSSIAN Tissue Forceps 8" (20.3 cm)
- 6-145 RUSSIAN Tissue Forceps 10" (25.4 cm)
- 6-200 KELLY Tissue Forceps 9" (22.9 cm), 1 x 2 teeth, slotted Gutch handle
- 6-202 KELLY Tissue Forceps 9" (22.9 cm), 2 x 3 teeth, slotted Gutch handle
- 6-204 KELLY Tissue Forceps 9" (22.9 cm), 3 x 4 teeth, slotted Gutch handle
- 6-210 MAYO-RUSSIAN Tissue Forceps 9" (22.9 cm), fenestrated jaws, slotted grooved handles
- 6-212 DAVIS Tissue Forceps 10" (25.4 cm), Russian type jaws
- 6-214 SINGLEY (TUTTLE) Tissue Forceps 9" (22.9 cm), fenestrated serrated jaws
- 16-80 WANGENSTEEN Tissue Forceps 9" (22.9 cm), rounded jaws with fine cross serrations



16-12

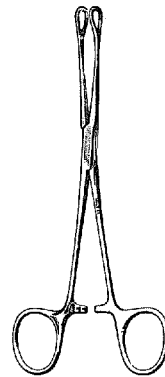


16-40



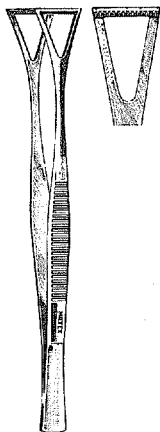
16-46

16-48

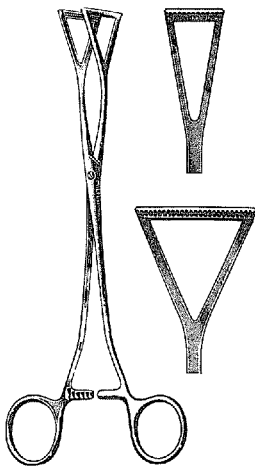


16-56

16-12	ALLIS Tissue Forceps 10" (25.4 cm), 5 x 6 teeth
16-40	LOCKWOOD Tissue Forceps 7¾" (19.7 cm)
16-46	BABCOCK Tissue Forceps 8¼" (21 cm)
16-48	BABCOCK Tissue Forceps 9½" (24.1 cm)
16-56	WILLIAMS Tissue Forceps 6½" (16.5 cm), fenestrated jaws with cross serrated tips



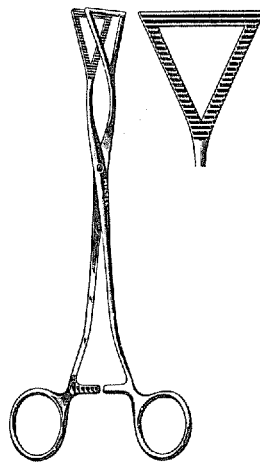
16-72



16-52

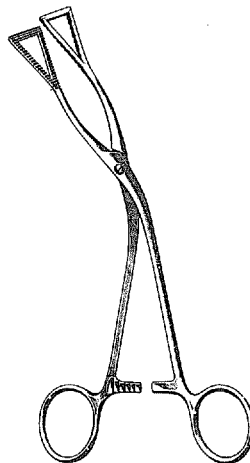
16-54

25-754

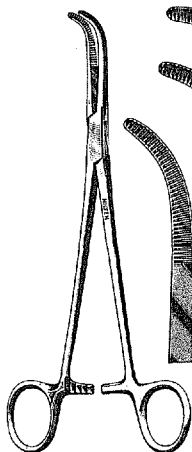


25-760

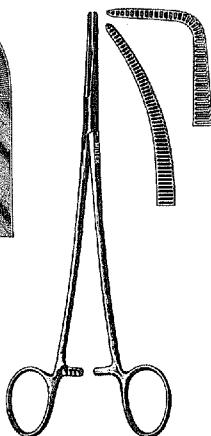
- 16-72 COLLIN-DUVAL Lung Grasping Forceps 8" (20.3 cm), with ½" (1.3 cm) wide jaws
- 16-52 COLLIN-DUVAL Lung Grasping Forceps 8" (20.3 cm), with ½" (1.3 cm) wide jaws
- 16-54 COLLIN-DUVAL Lung Grasping Forceps 8" (20.3 cm), with 1" (2.5 cm) wide jaws
- 25-754 COLLIN-DUVAL Lung Grasping Forceps 9" (22.9 cm), with 1" (2.5 cm) wide jaws
- 25-760 LOVELACE Lung Grasping Forceps 8" (20.3 cm), straight, serrated jaws 1" (2.5 cm) wide
- 14-66 LOVELACE Lung Grasping Forceps 7¼" (18.4 cm), angled shanks, serrated jaws 1" (2.5 cm) wide



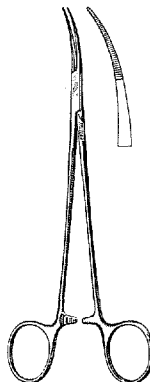
14-66



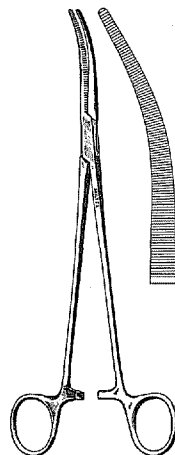
25-782 to 25-786



7-250 to 7-254



17-2603



25-800

25-782 RUMEL Thoracic Forceps 9" (22.9 cm), medium curve, 2 $\frac{3}{8}$ " (6.1 cm) long jaws

25-784 RUMEL Thoracic Forceps 9" (22.9 cm), full curve, 2 $\frac{3}{8}$ " (6.1 cm) long jaws

25-786 RUMEL Thoracic Forceps 9" (22.9 cm), angular, 2 $\frac{3}{8}$ " (6.1 cm) long jaws

7-250 MOSQUITO Clamp 8 $\frac{1}{4}$ " (21 cm), straight

7-252 MOSQUITO Clamp 8 $\frac{1}{4}$ " (21 cm), curved

7-254 MOSQUITO Clamp 8 $\frac{1}{4}$ " (21 cm), angular

17-2603 JACOBSON Forceps 7" (17.8 cm), curved, extremely delicate

25-800 SAROT Intra-Thoracic Artery Forceps 9 $\frac{1}{2}$ " (24.1 cm), with 2 $\frac{1}{2}$ " (6.4 cm) long jaws

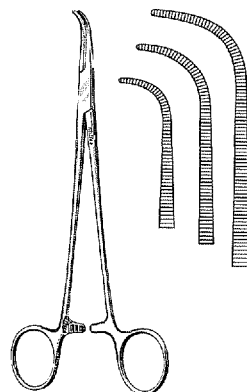
7-255 GEMINI-MIXTER Thoracic Forceps 5 $\frac{1}{2}$ " (14 cm), delicate full curved jaws

7-256 GEMINI-MIXTER Thoracic Forceps 7" (17.8 cm), delicate full curved jaws

7-257 GEMINI-MIXTER Thoracic Forceps 8" (20.3 cm), delicate full curved jaws

7-258 GEMINI-MIXTER Thoracic Forceps 9" (22.9 cm), delicate full curved jaws

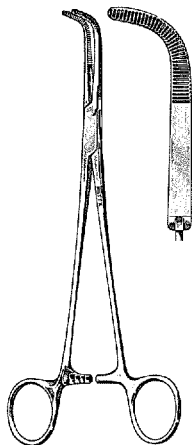
7-259 GEMINI-MIXTER Thoracic Forceps 11" (27.9 cm), delicate full curved jaws



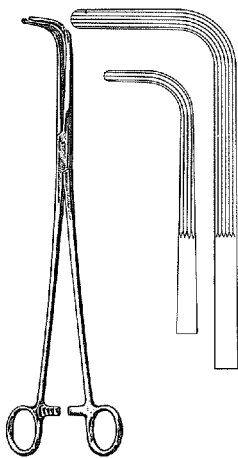
7-255 to 7-259



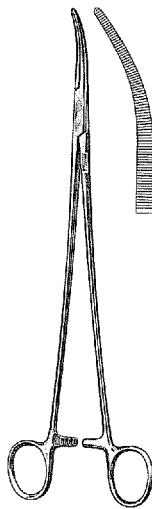
Thoracic and Cardiovascular Instruments



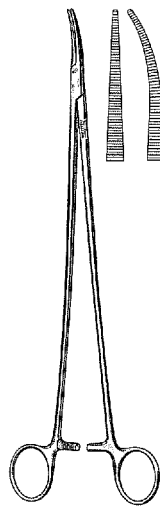
7-206



25-812
25-814

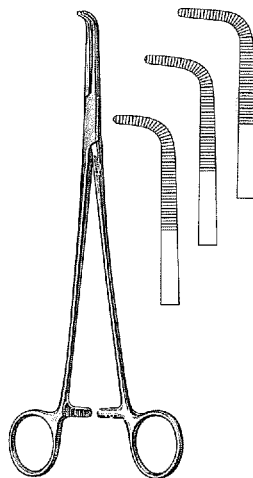


25-821



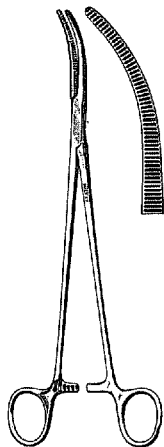
25-834
25-835

- 7-206** MIXTER Thoracic Forceps 9" (22.9 cm), full curved jaws, horizontal serrations
- 25-812** MIXTER Thoracic Forceps 9" (22.9 cm), right angle jaws, longitudinal serrations
- 25-814** MIXTER Thoracic Forceps 11" (27.9 cm), right angle jaws, longitudinal serrations
- 25-821** MILTEX Artery and Undermining Forceps 11" (27.9 cm), a delicate lightweight instrument with fine, serrated 45 mm long jaws
- 25-834** BRIDGE Deep Surgery Forceps 11" (27.9 cm), straight, very delicate
- 25-835** BRIDGE Deep Surgery Forceps 11" (27.9 cm), curved, very delicate
- 25-836** KANTROWITZ Thoracic Forceps 7½" (19.1 cm), delicate right angle jaws
- 25-837** KANTROWITZ Thoracic Forceps 9½" (24.1 cm), delicate right angle jaws
- 25-838** KANTROWITZ Thoracic Forceps 11" (27.9 cm), delicate right angle jaws

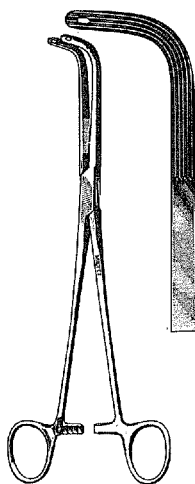


25-836 to 25-838

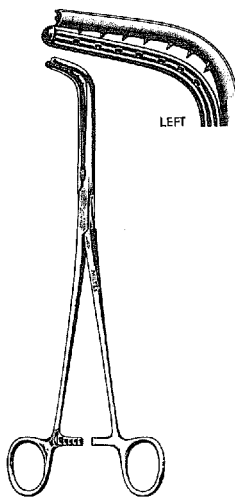
Thoracic and Cardiovascular Instruments



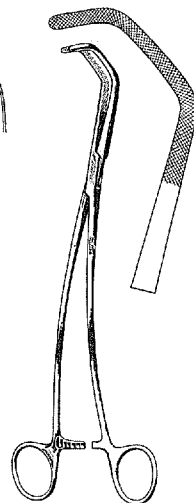
25-840



25-848



25-880
25-882



25-1100

25-840 FINOCHIETTO Thoracic Forceps 9" (22.9 cm), slightly curved jaws

25-848 FINOCHIETTO Thoracic Forceps and Ligature Carrier 9 1/2" (24.1 cm), angular jaws with longitudinal serrations and suture holes at tip

25-880 SAROT Bronchus Clamp 9" (22.9 cm), Left, adult size, 35 mm long jaws

25-882 SAROT Bronchus Clamp 9" (22.9 cm), Right, adult size, 35 mm long jaws

25-1100 SATINSKY Vascular Clamp for Vena Cava 10 3/4" (27.3 cm), inside jaw length 32 mm x 9 mm depth

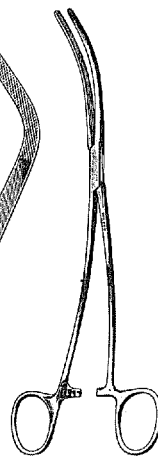
25-1104 SATINSKY Vascular Clamp for Vena Cava 10 3/4" (27.3 cm), inside jaw length 50 mm x 13 mm depth

25-1108 SATINSKY Vascular Clamp for Vena Cava 6 1/2" (27.3 cm), pediatric size, inside jaw length 32 mm x 7 mm depth

25-1160 CRAFOORD Coarctation Clamp 9 1/2" (24.1 cm), slightly curved jaws 65 mm with longitudinal serrations



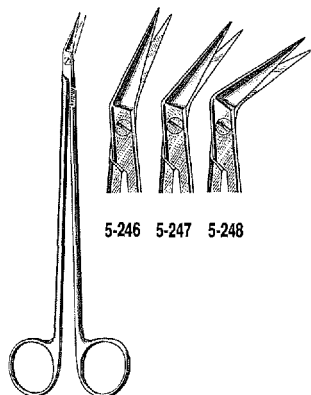
25-1104
25-1108



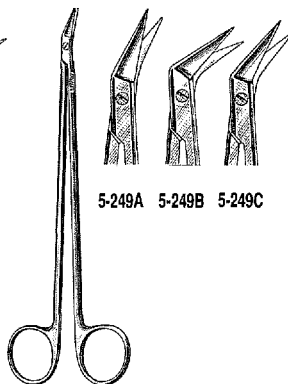
25-1160



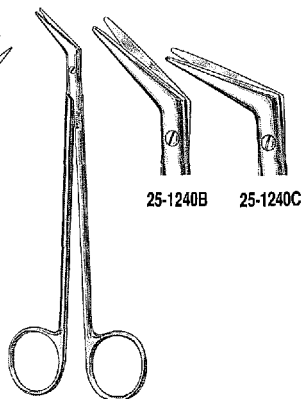
Thoracic and Cardiovascular Instruments



5-246 5-247 5-248

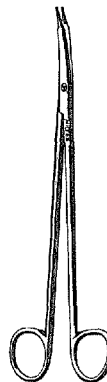


5-249A 5-249B 5-249C



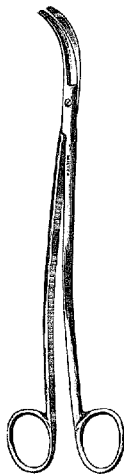
25-1240B 25-1240C

- 5-246** POTTS-SMITH Scissors 7½" (19.1 cm), angled on side 25°, 20 mm blades
- 5-247** POTTS-SMITH Scissors 7½" (19.1 cm), angled on side 45°, 20 mm blades
- 5-248** POTTS-SMITH Scissors 7½" (19.1 cm), angled on side 60°, 20 mm blades
- 5-249A** POTTS-SMITH Scissors 7" (17.8 cm), delicate, angled on side 25°, 13 mm blades
- 5-249B** POTTS-SMITH Scissors 7" (17.8 cm), delicate, angled on side 45°, 13 mm blades
- 5-249C** POTTS-SMITH Scissors 7" (17.8 cm), delicate, angled on side 60°, 13 mm blades
- 25-1240B** DeBAKEY-POTTS Scissors 6¾" (17.1 cm), blunt tips, angled on side 45°
- 25-1240C** DeBAKEY-POTTS Scissors 6¾" (17.1 cm), blunt tips, angled on side 60°
- 5-176** REYNOLDS Dissecting Scissors 7" (17.8 cm), curved tenotomy type dissecting tips
- 5-178** REYNOLDS Dissecting Scissors 7" (17.8 cm), curved, tenotomy type dissecting tips, one serrated blade



5-176
5-178

Thoracic and Cardiovascular Instruments



25-1280



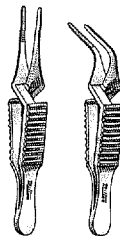
6-154 to 6-159



6-160 to 6-164A



7-280 to 7-298



7-310
7-315

25-1280 SATINSKY Scissors 10" (25.4 cm), S-curved

6-154 POTTS-SMITH Dressing Forceps 7" (17.8 cm), serrated

6-156 POTTS-SMITH Dressing Forceps 8¼" (21 cm), serrated

6-158 POTTS-SMITH Dressing Forceps 9½" (24.1 cm), serrated

6-159 POTTS-SMITH Dressing Forceps 12" (30.5 cm), serrated

6-160 POTTS-SMITH Tissue Forceps 7" (17.8 cm), 1 x 2 teeth and serrated tips

6-162 POTTS-SMITH Tissue Forceps 8¼" (21 cm), 1 x 2 teeth and serrated tips

6-164 POTTS-SMITH Tissue Forceps 9½" (24.1 cm), 1 x 2 teeth and serrated tips

6-164A POTTS-SMITH Tissue Forceps 12" (30.5 cm), 1 x 2 teeth and serrated tips

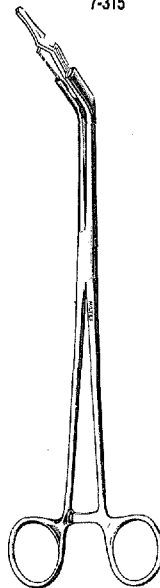
JOHNS HOPKINS BULLDOG CLAMPS

Straight	Size	Curved
7-280	1½" (3.8 cm)	7-290
7-282	2" (5.1 cm)	7-292
7-284	2½" (6.4 cm)	7-294
7-286	3" (7.6 cm)	7-296
7-288	3½" (8.9 cm)	7-298

7-310 DIETRICH Micro Bulldog Clamp 1⅞" (4.7 cm), straight jaws 8 mm x 1.2 mm

7-315 DIETRICH Micro Bulldog Clamp 1⅞" (4.7 cm), angled jaws 8 mm x 1.2 mm

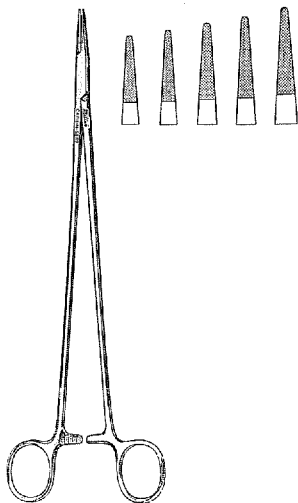
25-1420 Bulldog Clamp Applying Forceps 9½" (24.1 cm)



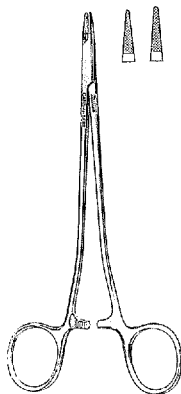
25-1420



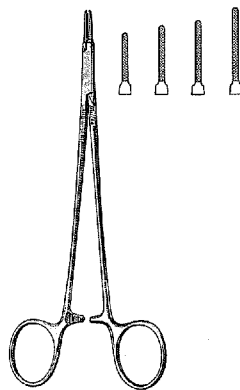
Thoracic and Cardiovascular Instruments



8-51TC to 8-57TC

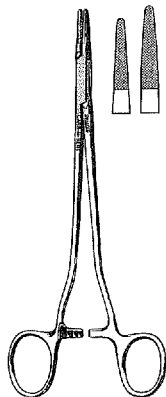


8-62TC
8-63TC

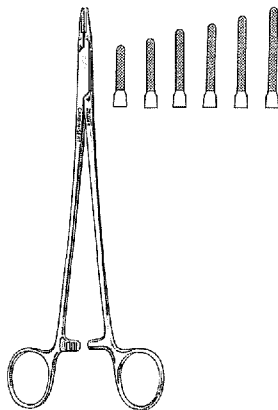


8-65TC to 8-69TC

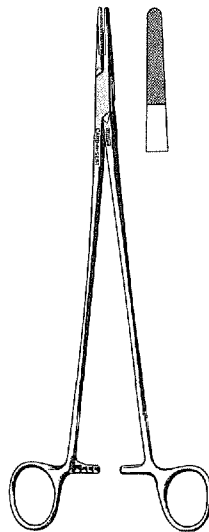
8-51TC	CRILE-WOOD (DeBAKEY) Needle Holder 7" (17.8 cm), serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
8-52TC	CRILE-WOOD (DeBAKEY) Needle Holder 8" (20.3 cm), serrated Carb-N-Sert jaws 2600 teeth p. sq. inch
8-53TC	CRILE-WOOD (DeBAKEY) Needle Holder 9" (22.9 cm), serrated Carb-N-Sert jaws 2600 teeth p. sq. inch
8-55TC	CRILE-WOOD (DeBAKEY) Needle Holder 10½" (26.7 cm), serrated Carb-N-Sert jaws 2600 teeth p. sq. inch
8-57TC	CRILE-WOOD (DeBAKEY) Needle Holder 12" (30.5 cm), serrated Carb-N-Sert jaws 2600 teeth p. sq. inch
8-62TC	COOLEY Needle Holder 6" (15.2 cm), extra delicate, serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
8-63TC	COOLEY Needle Holder 6¼" (17.1 cm), extra delicate, serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
8-65TC	RYDER-Type Intracardiac Needle Holder 5" (12.7 cm), extra delicate, serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
8-66TC	RYDER-Type Intracardiac Needle Holder 6" (15.2 cm), extra delicate, serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
8-67TC	RYDER-Type Intracardiac Needle Holder 7" (17.8 cm), extra delicate, serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
8-69TC	RYDER-Type Intracardiac Needle Holder 9" (22.9 cm), extra delicate, serrated Carb-N-Sert jaws 4000 teeth p. sq. inch



8-96TC
8-114TC

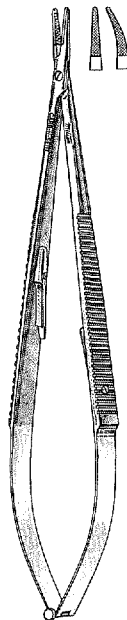


8-101TC to 8-107TC



8-134TC

- 8-96TC** SAROT Needle Holder 7¼" (18.4 cm), serrated Carb-N-Sert jaws 2600 teeth p. sq. inch
- 8-114TC** SAROT Needle Holder 10½" (26.7 cm), serrated Carb-N-Sert jaws 2600 teeth p. sq. inch
- 8-101TC** RYDER Needle Holder 5" (12.7 cm), serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
- 8-103TC** RYDER Needle Holder 6" (15.2 cm), serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
- 8-104TC** RYDER Needle Holder 7" (17.8 cm), serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
- 8-105TC** RYDER Needle Holder 8" (20.3 cm), serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
- 8-106TC** RYDER Needle Holder 9" (22.9 cm), serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
- 8-107TC** RYDER Needle Holder 10¼" (26 cm), serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
- 8-134TC** WANGENSTEEN Needle Holder 10¾" (27.3 cm), serrated Carb-N-Sert jaws 2600 teeth p. sq. inch
- 17-1090TC** JACOBSON Microvascular Needle Holder 7" (17.8 cm), straight, with lock, serrated Carb-N-Sert jaws 16000 teeth p. sq. inch
- 17-1091TC** JACOBSON Microvascular Needle Holder 7" (17.8 cm), curved, with lock, serrated Carb-N-Sert jaws 16000 teeth p. sq. inch
- 17-1092TC** JACOBSON Microvascular Needle Holder 8½" (21.6 cm), straight, with lock, serrated Carb-N-Sert jaws 16000 teeth p. sq. inch



17-1090TC to 17-1092TC



26-2



26-16



26-18



26-20



26-24

26-2 CUSHING Perforator Drill $\frac{1}{2}$ " (1.3 cm) diameter

26-16 McKENZIE Perforator Drill, 13 mm diameter

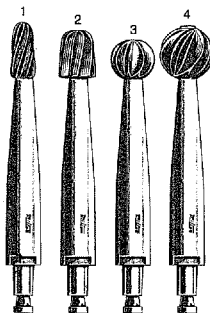
26-18 McKENZIE Enlarging Bur, 16 mm diameter

26-20 D'ERRICO Perforator and Enlarging Bur, 16 mm diameter

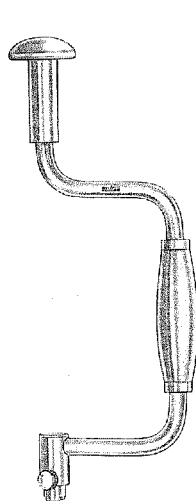
Above Burs and Drills will fit Hudson Braces

26-24 HUDSON Cerebellar Extension 4" (10.2 cm), for use with Hudson Braces

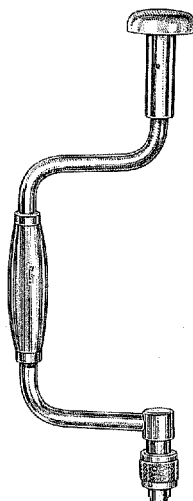
Neurosurgical Instruments



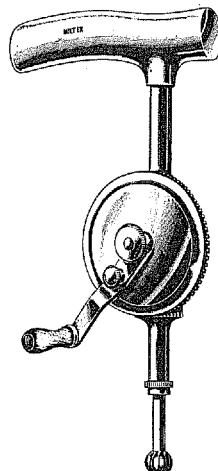
26-33-1 to 26-33-4



26-30
26-32



26-35



26-40
26-42

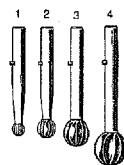
- 26-33-1 HUDSON Bur, 9 mm diameter
 26-33-2 HUDSON Bur, 14 mm diameter
 26-33-3 HUDSON Bur, 16 mm diameter
 26-33-4 HUDSON Bur, 22 mm diameter
- 26-30 HUDSON Brace Set, standard thumbscrew chuck, complete with 4 Burs (1 ea. Nos. 26-33-1 through 4)
 26-32 HUDSON Brace 10½" (26.7 cm), with standard thumbscrew chuck
 26-35 HUDSON Brace 11" (27.9 cm), with improved snap-lock chuck
- 26-40 STILLE Pattern Cranial Drill Set, complete with 4 twist drills (2.5 to 4 mm), 4 burs (4 to 16 mm) and 1 trephine (10 mm). Chrome plated drill, stainless points.
 26-42 STILLE Pattern Cranial Drill 10" (25.4 cm), chrome plated



26-44



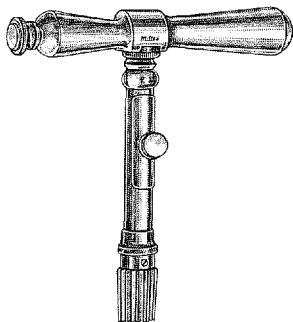
26-48



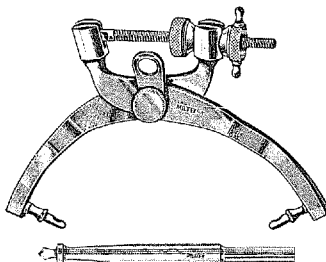
26-46

Replacement Points for Stille Pattern Drills

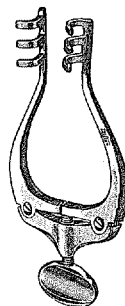
Twist Drills		Round Burs	
26-44-1	2.5 mm	26-46-1	4 mm
26-44-2	3 mm	26-46-2	8 mm
26-44-3	3.5 mm	26-46-3	11 mm
26-44-4	4 mm	26-46-4	16 mm
26-48	Trephine 10 mm dia.		



26-28A to 26-28E



26-60
26-62



11-2

GALT SKULL TREPHINES, with Removable Handle For Use With Hudson Brace (26-30), Chrome Plated. Cutters and Adjustable Centering Points are Stainless

26-28A	1/2" (1.3 cm) dia.	26-28D	7/8" (2.2 cm) dia.
26-28B	5/8" (1.6 cm) dia.	26-28E	1" (2.5 cm) dia.
26-28C	3/4" (1.9 cm) dia.		

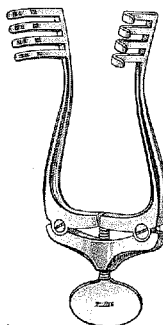
26-60 RANEY-CRUTCHFIELD Skull Traction Tong 120 mm spread, incl. 2 drill points

26-62 RANEY-CRUTCHFIELD Drill Point

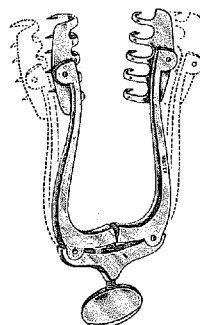
11-2 JANSEN Retractor 4 1/4" (10.8 cm), spread 3" (7.6 cm), 3 x 3 blunt prongs, 10 mm deep

11-4 JANSEN Scalp Retractor 4 1/4" (10.8 cm), spread 3" (7.6 cm), 4 x 4 blunt prongs, 20 mm deep

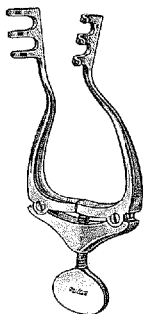
11-8 JANSEN-WAGNER Retractor 5" (12.7 cm), 5 x 5 sharp prongs, self adjusting



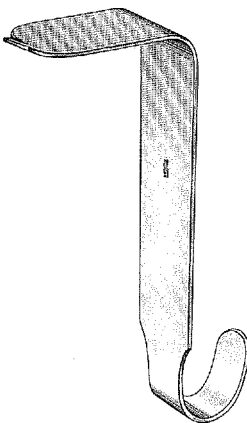
11-4



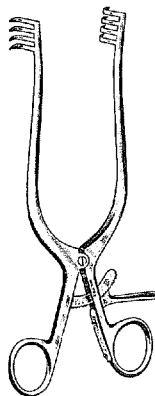
11-8



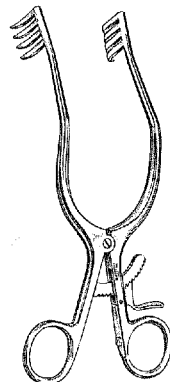
11-10



26-91
26-92



11-700

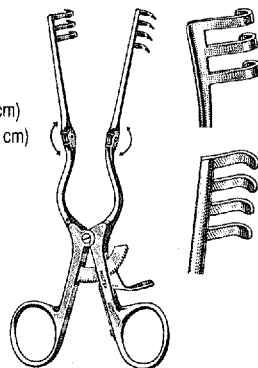


11-702

- 11-10 DAVIS Scalp Retractor 4½" (11.4 cm), 3 x 3 blunt prongs 10 mm deep
- 26-91 TAYLOR Spinal Retractor 7¼" (18.4 cm), blade 1¼" (3.2 cm) x 3" (7.6 cm)
- 26-92 TAYLOR Spinal Retractor 7¼" (18.4 cm), blade 1¼" (3.2 cm) x 4" (10.2 cm)
- 11-700 ADSON Cerebellar Retractor 7½" (19.1 cm), 4 x 4 teeth ¾" (1.9 cm) x ¾" (1.9 cm), straight arms
- 11-702 ADSON Cerebellar Retractor 7½" (19.1 cm), 4 x 4 teeth ¾" (1.9 cm) x ¾" (1.9 cm), angled arms

BECKMAN-WEITLANER RETRACTORS, with hinged blades, 3 x 4 teeth

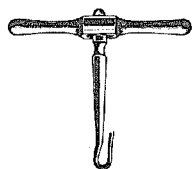
Sharp	Size	Blunt
11-630-SH	5½" (14 cm)	11-630-BL (Cone Scalp Retr.)
11-634-SH (Cone Lamin. Retr.)	6½" (16.5 cm)	11-634-BL
11-642-SH (Cone Lamin. Retr.)	9" (22.9 cm)	11-642-BL



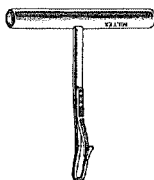
11-630 to 11-642



Neurosurgical Instruments



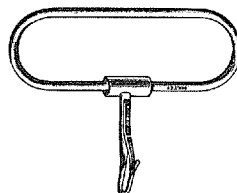
26-119



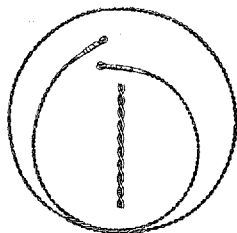
26-120



26-122



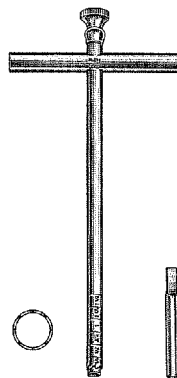
26-124



26-130 to 26-134



26-138



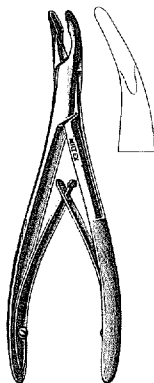
26-140 to 26-143

- 26-119 GIGLI Saw Handle, Standard Pattern, T-Shaped, turnable
- 26-120 GIGLI-STRULLY Saw Handle, Standard Pattern, T-Shape, rigid, with snap-lock
- 26-122 GIGLI-STRULLY Saw Handle, Standard Pattern, T-Shape, turnable, with snap-lock
- 26-124 GIGLI-STRULLY Saw Handle, Standard Pattern, Loop Grip, rigid, with snap-lock

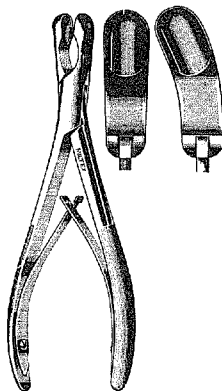
- 26-130 GIGLI Saw 12" (30.5 cm), Standard twisted wire type
- 26-132 GIGLI Saw 20" (50.8 cm), Standard twisted wire type
- 26-134 GIGLI Saw 30" (76.2 cm), Standard twisted wire type

- 26-138 BAILEY GIGLI Saw Guide 12" (30.5 cm), flexible

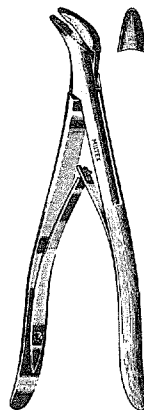
- 26-140 MICHELE Trephine 6 1/4" (15.9 cm) shaft, 3/16" (.47 cm) O.D., graduated 1/4" (.64 cm) to 1 1/4" (3.2 cm)
- 26-141 MICHELE Trephine 6 1/4" (15.9 cm) shaft, 7/32" (.56 cm) O.D., graduated 1/4" (.64 cm) to 1 1/4" (3.2 cm)
- 26-142 MICHELE Trephine 6 1/4" (15.9 cm) shaft, 5/16" (.79 cm) O.D., graduated 1/4" (.64 cm) to 1 1/4" (3.2 cm)
- 26-143 Marker for No. 26-142 Michele Trephine



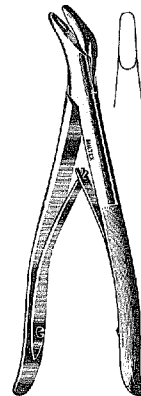
19-808



26-190
26-192

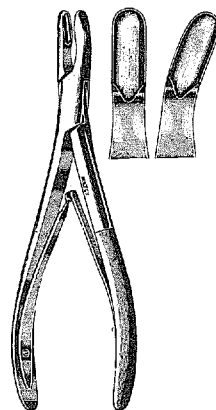


26-198

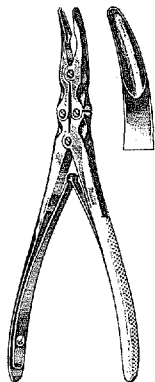


26-200

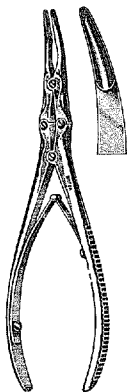
- 19-808 BANE Rongeur 7" (17.8 cm), curved
- 26-190 LUER Rongeur 7" (17.8 cm), straight jaws 8 mm bite
- 26-192 LUER Rongeur 7" (17.8 cm), curved jaws 8 mm bite
- 26-198 BACON Rongeur 8 1/4" (21 cm), angled on side, 5 mm bite
- 26-200 STOOKEY Rongeur 7 3/4" (19.7 cm), angled on side, 3 mm bite
- 26-220 ADSON Cranial Rongeur 8" (20.3 cm), straight jaws 7 x 13 mm
- 26-222 ADSON Cranial Rongeur 8" (20.3 cm), curved jaws 7 x 13 mm



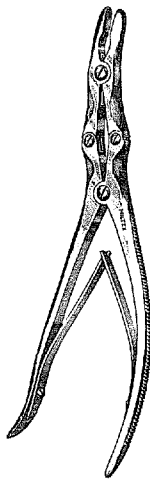
26-220
26-222



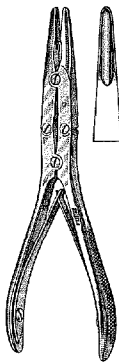
19-840



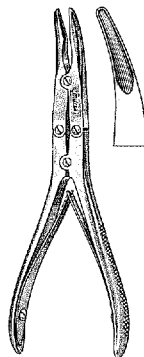
19-844



25-510
25-511



19-848



19-849

19-840 ZAUFEL-JANSEN Rongeur 7" (17.8 cm), slightly curved jaws 5 mm wide

19-844 BEYER Rongeur 7" (17.8 cm), slightly curved jaws 3.5 mm wide

25-510 LEKSELL Laminectomy Rongeur 9 1/2" (24.1 cm), standard curve, 3 mm bite

25-511 LEKSELL Laminectomy Rongeur 9 1/2" (24.1 cm), standard curve, 8 mm bite

RUSKIN RONGEURS

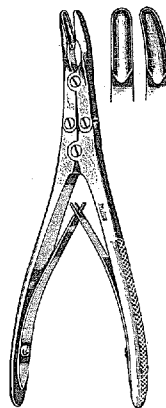
Straight Jaws

Size

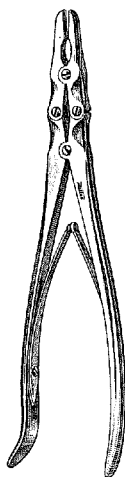
19-848	6" (15.2 cm) long, 3 mm bite
19-850	7 1/4" (18.4 cm) long, 5 mm bite
19-854	7 1/4" (18.4 cm) long, 7 mm bite

Curved Jaws

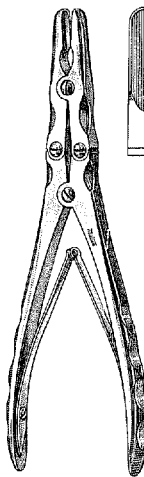
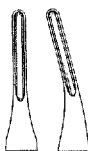
19-849
19-852
19-856



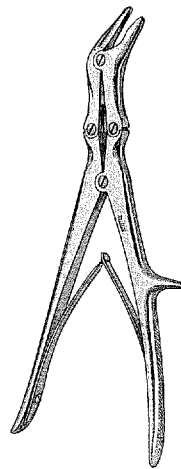
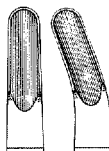
19-850 to 19-856



26-255 to 26-258

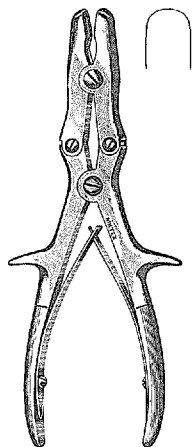


26-261
26-262

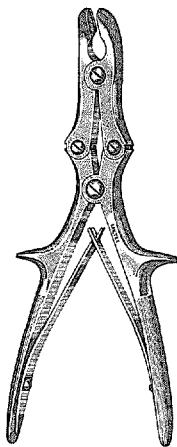


26-264 to 26-266

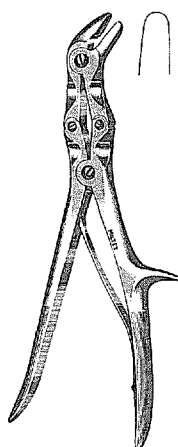
26-255	SMITH-PETERSEN Laminectomy Rongeur 7½" (19.1 cm), straight jaws, 3 mm bite
26-256	SMITH-PETERSEN Laminectomy Rongeur 7½" (19.1 cm), slightly curved jaws, 3 mm bite
26-258	SMITH-PETERSEN Laminectomy Rongeur 9½" (24.1 cm), straight jaws, 3 mm bite
26-261	FULTON Laminectomy Rongeur 9½" (24.1 cm), straight jaws 7 x 18 mm
26-262	FULTON Laminectomy Rongeur 9½" (24.1 cm), slightly curved jaws 7 x 18 mm
26-264	ECHLIN Duckbill Rongeur 9" (22.9 cm), 2 mm bite
26-265	ECHLIN Duckbill Rongeur 9" (22.9 cm), 3 mm bite
26-266	ECHLIN Duckbill Rongeur 9" (22.9 cm), 4 mm bite



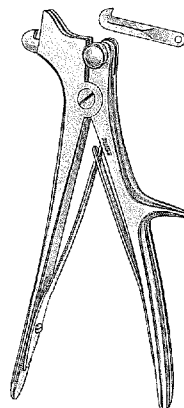
25-454



25-456

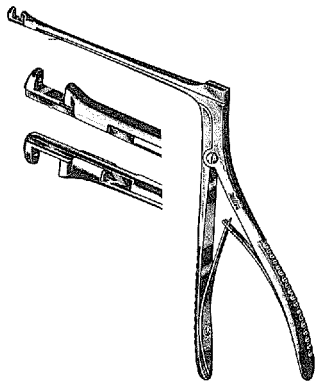


25-458

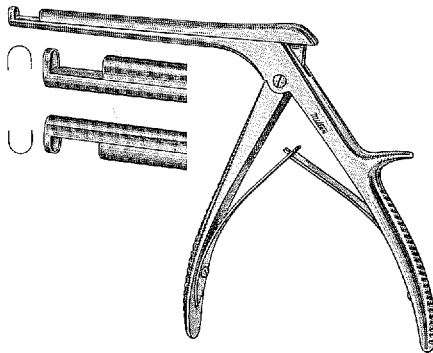


26-270

- 25-454 STILLE-LUER Rongeur 8 $\frac{3}{4}$ " (22.2 cm), straight jaws 9 x 15 mm
25-456 STILLE-LUER Rongeur 8 $\frac{3}{4}$ " (22.2 cm), curved jaws 9 x 15 mm
25-458 STILLE-LUER Duckbill Rongeur, 9" (22.9 cm), angled on side jaws 6 x 12 mm
26-270 DeVILBISS Cranial Rongeur 8 $\frac{1}{4}$ " (21 cm), with 2 blades



20-660
20-662

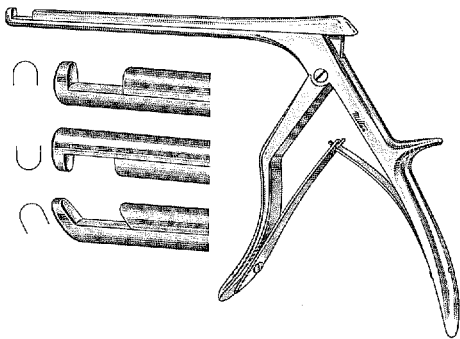


26-326 to 26-329

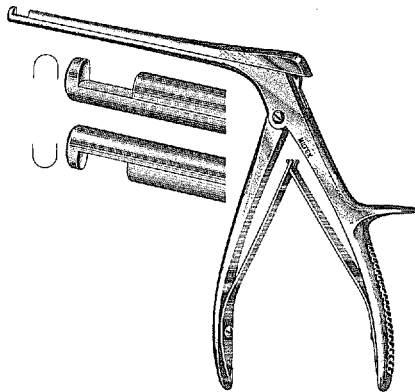
- 20-660** HAJEK-KOFLER Laminectomy Rongeur 5" (12.7 cm) shaft, up-bite, 4 x 5 mm
20-662 HAJEK-KOFLER Laminectomy Rongeur 5" (12.7 cm) shaft, down-bite, 4 x 5 mm

**SCHLESINGER CERVICAL RONGEURS, THIN TIPS,
6" (15.2 cm) SHAFT**

Up-Bite		Down-Bite	
26-326	3 mm	26-328	3 mm
26-327	5 mm	26-329	5 mm



26-330 to 26-339B



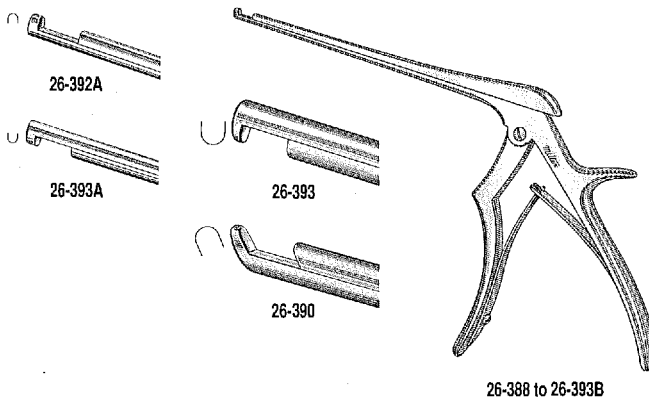
26-340 to 26-370

SPURLING-KERRISON CERVICAL RONGEURS

Up-Bite		Down-Bite		40° Forward Angle	
		6" (15.2 cm) Shaft			
26-330	3 mm	26-332	3 mm	26-334	3 mm
26-331	5 mm	—	—	26-335	5 mm
		8" (20.3 cm) Shaft			
26-336	3 mm	26-338	3 mm	26-339A	3 mm
26-337	5 mm	—	—	26-339B	5 mm

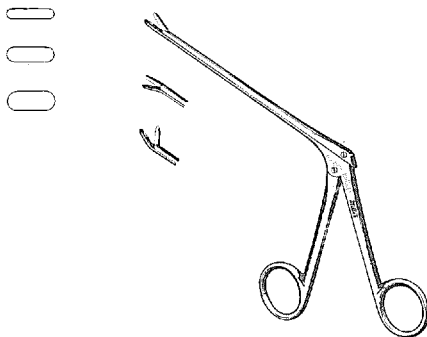
LOVE-KERRISON CERVICAL RONGEURS

Up-Bite		Down-Bite	
		6" (15.2 cm) Shaft	
26-340	3 mm	26-370	3 mm



MILTEX-KERRISON CERVICAL RONGEURS 7" (17.8 cm) SHAFT, IMPROVED HANDLE

	2 mm	3 mm	5 mm
Up-Bite	26-392A	26-392B	26-392
Down-Bite	26-393A	26-393B	26-393
40° Forward Angle	26-388	26-389	26-390



26-394 to 26-437

CUSHING PITUITARY RONGEURS 2 x 10 mm CUP JAWS

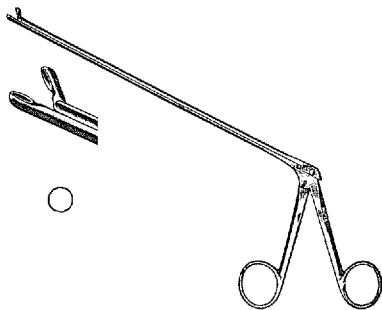
	Straight	Curved-Up	Curved-Down
5" (12.7 cm) Shank	26-394	26-395	26-396
7" (17.8 cm) Shank	26-397	26-398	26-399

LOVE-GRUENWALD PITUITARY RONGEURS 3 x 10 mm CUP JAWS

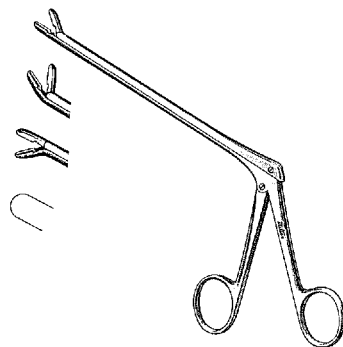
	Straight	Curved-Up	Curved-Down
5" (12.7 cm) Shank	26-400	26-410	26-420
7" (17.8 cm) Shank	26-402	26-412	26-422

SPURLING PITUITARY RONGEURS 4 x 10 mm CUP JAWS

	Straight	Curved-Up	Curved-Down
5" (12.7 cm) Shank	26-430	—	—
7" (17.8 cm) Shank	26-435	26-436	26-437



26-440



26-480 to 26-482

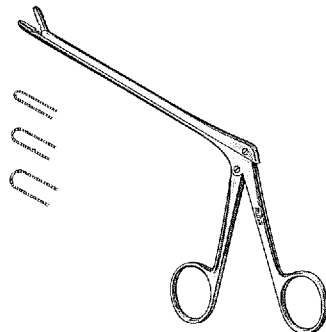
26-440 OLDBERG Pituitary Rongeur 7" (17.8 cm) Shank,
round cup jaws 6 mm dia.

CLOWARD PITUITARY RONGEURS 6 x 10 mm
CUP JAWS, 6" (15.2 cm) SHANKS

Straight	Curved-Up	Curved-Down
26-480	26-481	26-482

SCHLESINGER PITUITARY RONGEURS, SERRATED
CUP JAWS, STRAIGHT 6" (15.2 cm) SHANKS

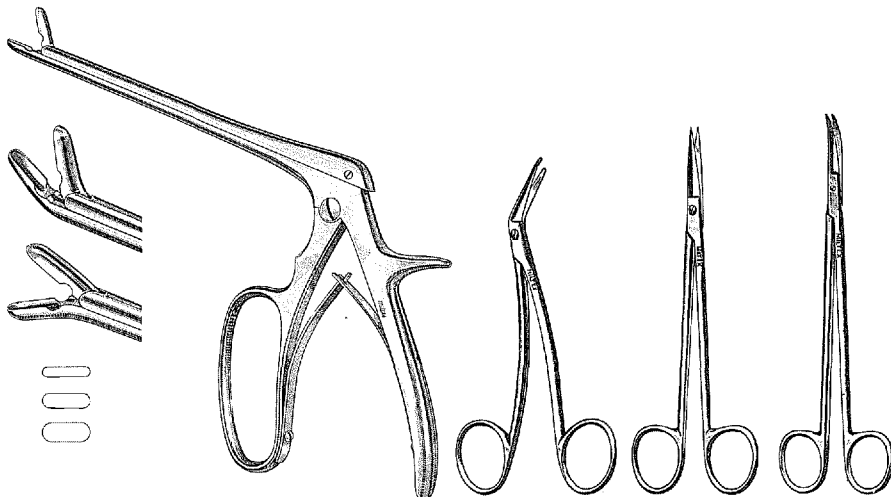
26-483	2 x 10 mm bite
26-484	3 x 10 mm bite
26-485	4 x 10 mm bite



26-483 to 26-485



Neurosurgical Instruments



26-461 to 26-474

21-560

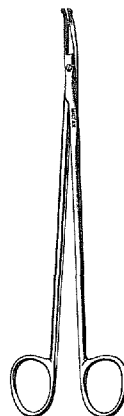
5-250
5D-251

5-252
5D-253

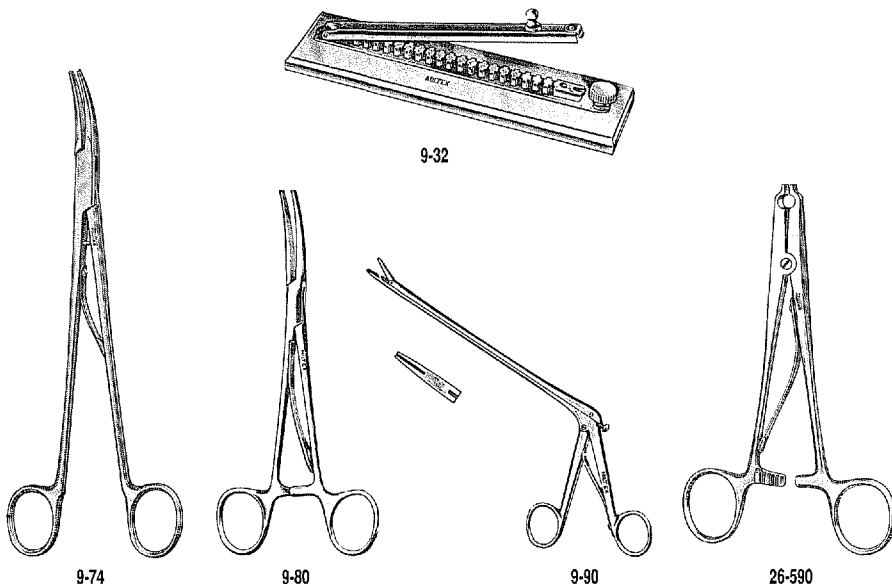
FERRIS-SMITH PITUITARY CUP JAW RONGEURS, 7" (17.8 cm) SHANK

	Straight	Curved-Up	Curved-Down
2 x 10 mm Jaws	—	—	26-470
3 x 10 mm Jaws	26-461	26-466	26-471
4 x 10 mm Jaws	26-462	—	26-472
6 x 12 mm Jaws	26-474 (Cloward Patt.)	—	—

- 21-560** TAYLOR Dural Scissors 5½" (14 cm), with probe tip
- 5-250** KELLY (ADSON) Ganglion Scissors 6¼" (15.9 cm), straight, sharp points
- 5D-251** KELLY (ADSON) Ganglion Scissors 6¼" (15.9 cm), straight, sharp points, with one serrated blade
- 5-252** KELLY (ADSON) Ganglion Scissors 6¼" (15.9 cm), curved, sharp points
- 5D-253** KELLY (ADSON) Ganglion Scissors 6¼" (15.9 cm), curved, sharp points, with one serrated blade
- 5-262** STRULLY Neurological Scissors 8" (20.3 cm), slightly curved blades with probe tips



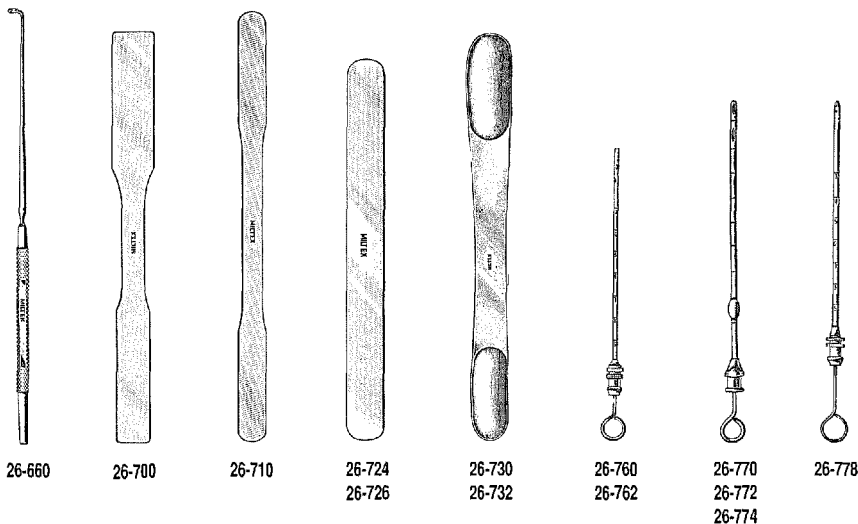
5-262



- 9-32** McKENZIE Brain Clip Holding Rack, for 20 clips
- 9-74** SMITHWICK Clip Applying Forceps 9" (22.9 cm), curved jaws, straight handles
- 9-80** McKENZIE Clip Applying Forceps 6" (15.2 cm), curved jaws, straight handles
- 9-90** SCOVILLE Clip Applying Forceps, 6" (15.2 cm) shaft
- 26-590** RANEY Scalp Clip Applying Forceps 6 1/4" (15.9 cm)
- 26-591** RANEY Reusable Scalp Clips, black finish



26-591



- 26-660** ADSON Aneurysm Needle 9" (22.9 cm)
- 26-700** SCOVILLE Spatula 8" (20.3 cm), malleable ends $\frac{5}{8}$ " (1.6 cm) and $\frac{7}{8}$ " (2.2 cm) wide
- 26-710** CHILDREN'S HOSPITAL Spatula 8 $\frac{1}{2}$ " (21.6 cm), malleable, ends are $\frac{1}{2}$ " (1.3 cm) wide, silver plated
- 26-724** DAVIS Spatula 7" (17.8 cm) x $\frac{1}{2}$ " (1.3 cm), nickel silver, malleable
- 26-726** DAVIS Spatula 7" (17.8 cm) x $\frac{3}{4}$ " (1.9 cm), nickel silver, malleable
- 26-730** CUSHING Spatula Spoon 6 $\frac{3}{4}$ " (17.1 cm), spoon ends $\frac{1}{2}$ " (1.3 cm) and $\frac{3}{4}$ " (1.9 cm) wide
- 26-732** CUSHING Spatula Spoon 7 $\frac{3}{4}$ " (19.7 cm), spoon ends $\frac{3}{4}$ " (1.9 cm) and 1" (2.5 cm) wide
- 26-760** ADSON Cannula 9 Fr. (3 mm), 10 cm graduated in cm, open end, sterling
- 26-762** ADSON Cannula 9 Fr. (3 mm), 14 cm graduated in cm, open end, sterling
- 26-770** ELSBERG Cannula 11 cm, 3-hole closed end, 5 Fr., (1.7 mm), Luer lock, sterling
- 26-772** ELSBERG Cannula 11 cm, 3-hole closed end, 7 Fr., (2.3 mm), Luer lock, sterling
- 26-774** ELSBERG Cannula 11 cm, 3-hole closed end, 9 Fr., (3 mm), Luer lock, sterling
- 26-778** FRAZIER Needle 9 cm, 3-hole closed blunt trocar point, 9 Fr. (3 mm)



26-780
26-782



19-562 to 19-565



19-570 to 19-577



19-580
19-582
19-584

26-780
26-782

ADSON Suction Tube 6" (15.2 cm), with finger valve and obturator, 11 Fr. (3.6 mm)
ADSON Suction Tube 8" (20.3 cm), with finger valve and obturator, 15 Fr. (5 mm)

HOUSE SUCTION - IRRIGATING TUBES, 9 cm working length

19-562	1.8 mm Suction Tube and 1.8 mm Irrigating Tube
19-563	2.5 mm Suction Tube and 2 mm Irrigating Tube
19-564	3 mm Suction Tube and 2 mm Irrigating Tube
19-565	4.5 mm Suction Tube and 2 mm Irrigating Tube

FRAZIER SUCTION TUBES, with finger cut-off, angled

19-570	6 French (2 mm)	19-575	10 French (3.3 mm)
19-572	7 French (2.3 mm)	19-576	11 French (3.6 mm)
19-573	8 French (2.6 mm)	19-577	12 French (4 mm)
19-574	9 French (3 mm)		

19-580
19-582
19-584

BARON Suction Tube, 3 French (1 mm), with finger cut-off
BARON Suction Tube, 5 French (1.7 mm), with finger cut-off
BARON Suction Tube, 7 French (2.3 mm), with finger cut-off



6-118



6-118A



6-118XL



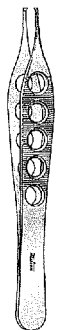
17-2510



6-120
6-122



6-120A



6-120XL



6-121

- 6-118** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate
- 6-118A** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate, angled
- 6-118XL** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, lightweight, fenestrated handles
- 17-2510** Micro ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated tips, 0.5 mm wide
- 6-120** ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, delicate
- 6-120A** ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, delicate, angled
- 6-120XL** ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, lightweight, fenestrated handles
- 6-121** ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth and cross serrated tips, delicate
- 17-2500** Micro ADSON Tissue Forceps 4 3/4" (12.1 cm), tips 0.5 mm wide, 1 x 2 teeth
- 6-122** ADSON Tissue Forceps 4 3/4" (12.1 cm), 2 x 3 teeth, delicate
- 6-123** ADSON Tissue and Suture Forceps 4 3/4" (12.1 cm), 1 x 2 teeth with tying platform
- 6-123XL** ADSON Tissue Forceps 4 3/4" (12.1 cm), w/platform, 1 x 2 teeth, lightweight, fenestrated handles



17-2500



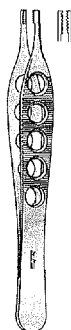
6-123



6-123XL



6-124



6-124XL



6-126



6-104
6-109



6-106
6-108
6-109A



6-107



6-166



6-168

6-124 BROWN-ADSON Tissue Forceps 4 3/4" (12.1 cm), 7 x 7 side grasping teeth

6-124XL BROWN-ADSON Tissue Forceps 4 3/4" (12.1 cm), 7 x 7 side grasping teeth, lightweight, fenestrated handles

6-126 BROWN-ADSON Tissue Forceps 4 3/4" (12.1 cm), 7 x 7 side grasping teeth, angular

6-104 SEMKEN Dressing Forceps 5" (12.7 cm), serrated

6-106 SEMKEN Tissue Forceps 5" (12.7 cm), 1 x 2 teeth

6-107 SEMKEN Tissue Forceps 5" (12.7 cm), 1 x 2 teeth, curved tips

6-108 SEMKEN Tissue Forceps 5" (12.7 cm), 2 x 3 teeth

6-109 SEMKEN Dressing Forceps 6" (15.2 cm), serrated

6-109A SEMKEN Tissue Forceps 6" (15.2 cm), 1 x 2 teeth

6-166 CUSHING Dressing Forceps 7" (17.8 cm), serrated, Gutch handle, dissecting end

6-168 CUSHING Tissue Forceps 7" (17.8 cm), 1 x 2 teeth, Gutch handle, dissecting end

6-188 CUSHING Dressing Forceps 7" (17.8 cm), serrated handle, serrated jaws, dissecting end

6-189 CUSHING Tissue Forceps 7" (17.8 cm), serrated handle, 1 x 2 teeth, dissecting end



6-188



6-189



Neurosurgical Instruments



6-138
6-140



6-180



6-182



6-184



6-186



6-190

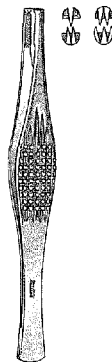


6-192

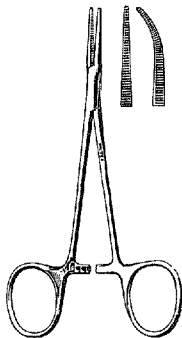


6-197
6-198

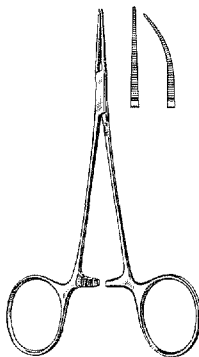
- 6-138 BROWN Tissue Forceps 6" (15.2 cm), double rows of 8 x 8 teeth
6-140 BROWN Tissue Forceps 8" (20.3 cm), double rows of 8 x 8 teeth
6-180 GERALD Dressing Forceps 7" (17.8 cm), straight, serrated
6-182 GERALD Tissue Forceps 7" (17.8 cm), straight, 1 x 2 teeth
6-184 GERALD Dressing Forceps 7" (17.8 cm), curved, serrated
6-186 GERALD Tissue Forceps 7" (17.8 cm), curved, 1 x 2 teeth
6-190 CUSHING Bayonet Dressing Forceps 7 1/4" (18.4 cm), serrated, scraper end
6-192 CUSHING Bayonet Tissue Forceps 7 1/4" (18.4 cm), 1 x 2 teeth, scraper end
6-197 GRUENWALD (JANSEN) Bayonet Dressing Forceps 6 1/2" (16.5 cm), serrated
6-198 ADSON Bayonet Dressing Forceps 8 1/4" (21 cm), serrated
26-956 FERRIS SMITH Tissue Forceps 7" (17.8 cm), serrated platform tips with 1 x 2 teeth
26-958 FERRIS SMITH Tissue Forceps 7" (17.8 cm), serrated platform tips with 2 x 3 teeth



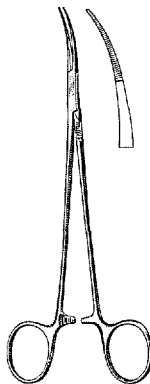
26-956
26-958



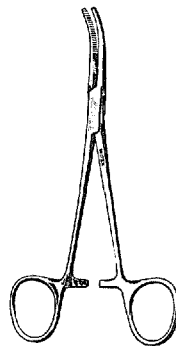
7-8
7-10



17-2600
17-2602



17-2603



7-102

7-8 HALSTED Mosquito Forceps 5" (12.7 cm), straight, extra delicate

7-10 HALSTED Mosquito Forceps 5" (12.7 cm), curved, extra delicate

17-2600 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), straight, extremely delicate

17-2602 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), curved, extremely delicate

17-2603 JACOBSON Hemostatic Forceps 7" (17.8 cm), curved, extremely delicate

7-102 DANDY Scalp Hemostatic Forceps 5½" (14 cm), curved sideways, serrated

7-240 ADSON Hemostatic Forceps 7¼" (18.4 cm), straight

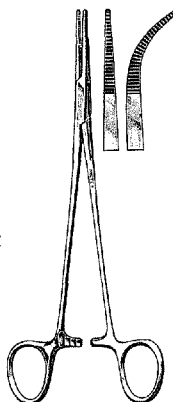
7-242 ADSON Hemostatic Forceps 7¼" (18.4 cm), curved

26-1040 SCHWARTZ Clip Applying Forceps 8" (20.3 cm)

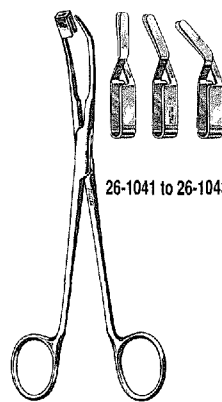
26-1041 SCHWARTZ Vessel Clip 1" (2.5 cm), straight jaws 1.7 x 8 mm

26-1042 SCHWARTZ Vessel Clip 1" (2.5 cm), slightly angled jaws 1.7 x 8 mm

26-1043 SCHWARTZ Vessel Clip 1" (2.5 cm), strong angled jaws 1.7 x 8 mm



7-240
7-242



26-1041 to 26-1043

26-1040

For Micro Vessel Clips see page 223



26-1054



26-1080



26-1084
26-1086



26-1090
26-1092



21-430



26-1150

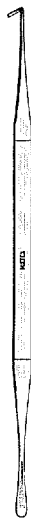
- 26-1054** FRAZIER Dura Separator 6½" (16.5 cm), angled blade ½" (1.3 cm) long, from ⅛" (.32 cm) to ¼" (.6 cm) wide
- 26-1080** CUSHING Dura Hook 6½" (16.5 cm), blunt
- 26-1084** FRAZIER Dura Hook 5" (12.7 cm), sharp point
- 26-1086** FRAZIER Dura Hook 5" (12.7 cm), blunt point
- 26-1090** ADSON Dura and Dissecting Hook 8" (20.3 cm), sharp blade 5 mm at right angle
- 26-1092** ADSON Dura Hook 8" (20.3 cm), blunt 5 mm hook at right angle
- 21-430** MILTEX Tissue Twist Hook 5½" (14 cm)
- 26-1150** DANDY Nerve Hook 9" (22.9 cm), straight



26-1156



26-1170



26-1174



11-100

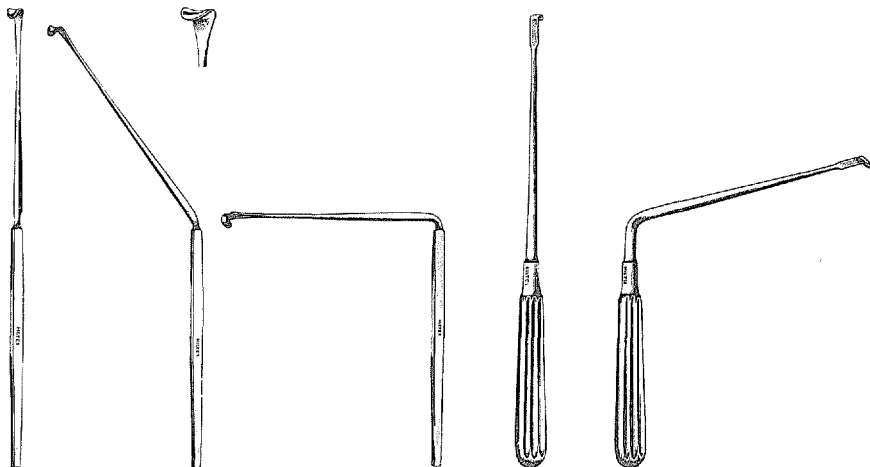


11-102



26-1326

- 26-1156 GRAHAM Nerve Hook 7" (17.8 cm), blunt, 6 mm deep
- 26-1170 SMITHWICK Nerve Hook 7" (17.8 cm), blunt, 10 mm deep
- 26-1174 SMITHWICK Sympathectomy Hook and Dissector 12" (30.5 cm)
- 11-100 CUSHING Decompression Retractor 8½" (21.6 cm), fenestrated blade
- 11-102 CUSHING Vein and Nerve Retractor 9" (22.9 cm), blade 11 x 13 mm
- 26-1326 SACHS Nerve Separator-Spatula 7½" (19.1 cm), blunt blade 3 mm wide, slightly curved



21-180

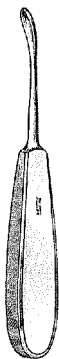
26-1352

26-1354

26-1360

26-1362

- 21-180** LOVE Nerve Root Retractor 8½" (21.6 cm), straight, 7 mm blade
- 26-1352** LOVE Nerve Root Retractor 8½" (21.6 cm), angled 45°, 7 mm blade
- 26-1354** LOVE Nerve Root Retractor 8½" (21.6 cm), angled 90°, 7 mm blade
- 26-1360** SCOVILLE Nerve Root Retractor 9" (22.9 cm), straight, 8 mm wide blade
- 26-1362** SCOVILLE Nerve Root Retractor 9" (22.9 cm), angular, 8 mm wide blade



26-1403



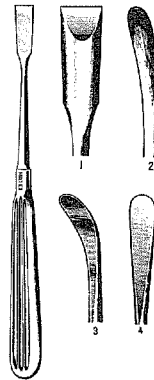
26-1410



26-1412



18-1968



26-1430 to 26-1436

- 26-1403** CUSHING "LITTLE JOKER" Periosteal Elevator 6" (15.2 cm)
- 26-1410** LANGENBECK Periosteal Elevator 7½" (19.1 cm), narrow model, 7 mm wide blunt blade
- 26-1412** LANGENBECK Periosteal Elevator 7½" (19.1 cm), wide model, 17 mm wide sharp blade
- 18-1968** FREER Elevator 7" (17.8 cm), double end sharp and blunt blades 5 mm wide
- 26-1430** ADSON Periosteal Elevator 6½" (16.5 cm), chisel edge, straight, 8 mm wide
- 26-1432** ADSON Periosteal Elevator 6½" (16.5 cm), blunt, curved, 6 mm wide
- 26-1434** ADSON Periosteal Elevator 6½" (16.5 cm), semi-sharp, curved, 7 mm wide
- 26-1436** ADSON Periosteal Elevator 6½" (16.5 cm), semi-sharp, straight, 6 mm wide



26-1450



26-1451



26-1452



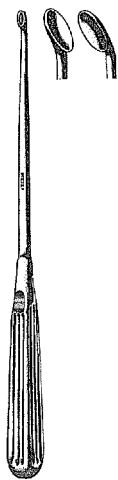
26-1453



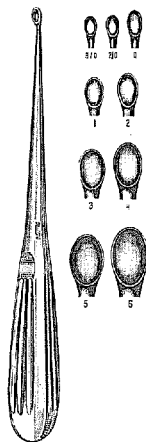
26-1454

PENFIELD DISSECTORS

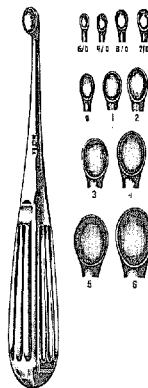
26-1450	Style No. 1	7¼" (18.4 cm), double end, 6 mm sharp cup and 6 mm blunt dissector
26-1451	Style No. 2	7¾" (19.7 cm), double end, wax packer and 6 mm blunt dissector, slightly curved
26-1452	Style No. 3	7½" (19.1 cm), double end, wax packer and 6 mm blunt dissector, fully curved
26-1453	Style No. 4	8¾" (22.2 cm), single end, light pattern, 3 mm blunt dissector, slightly curved
26-1454	Style No. 5	11½" (29.2 cm), double end, slightly curved, blunt dissector blades 7 mm and 8 mm wide



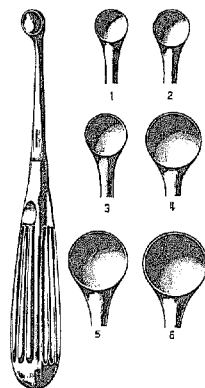
26-1620
26-1624



26-1627 to 26-1640



19-700 to 19-720



26-1650 to 26-1660

26-1620
26-1624

SCOVILLE Ruptured Disc Curette 10" (25.4 cm), angled up, cup 4 x 10 mm
SCOVILLE Ruptured Disc Curette 10" (25.4 cm), angled down, cup 4 x 10 mm

HIBBS SPRATT SPINAL FUSION CURETTES 9" (22.9 cm), Oval Cup

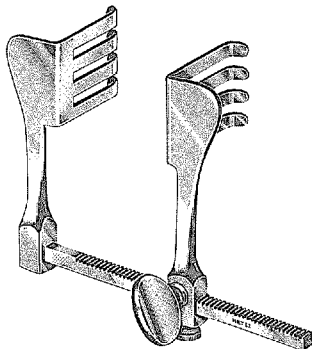
26-1627	Size 3/0	26-1634	Size 3
26-1628	Size 2/0	26-1636	Size 4
26-1629	Size 0	26-1638	Size 5
26-1630	Size 1	26-1640	Size 6
26-1632	Size 2		

SPRATT (BRUN) BONE CURETTES 6 1/2" (16.5 cm), Oval Cups

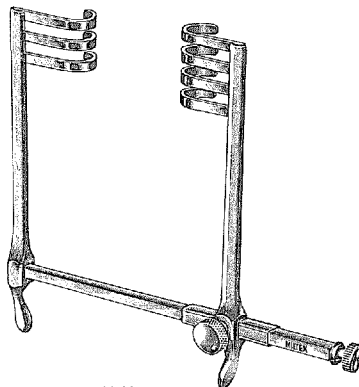
19-700	Size 5/0	19-712	Size 2
19-702	Size 4/0	19-714	Size 3
19-704	Size 3/0	19-716	Size 4
19-706	Size 2/0	19-718	Size 5
19-708	Size 0	19-720	Size 6
19-710	Size 1		

BRUN BONE CURETTES 6 3/4" (17.1 cm), Round Cups

26-1650	Size 1	7 mm	26-1656	Size 4	11 mm
26-1652	Size 2	8 mm	26-1658	Size 5	12 mm
26-1654	Size 3	9 mm	26-1660	Size 6	14 mm

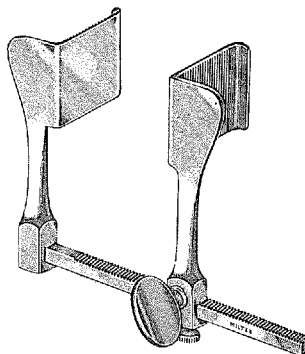


11-672

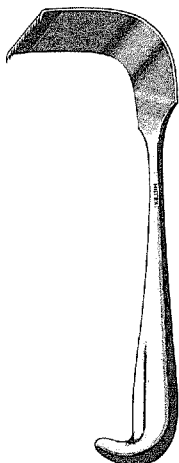


11-660

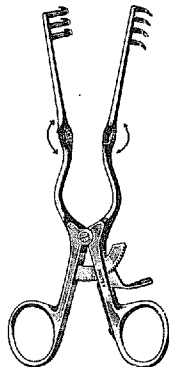
- 11-672 BADGLEY Laminectomy Retractor, 6½" (16.5 cm) spread, 4 x 4 blunt teeth 2" (5.1 cm) x 1¼" (4.4 cm)
- 11-660 FRAZIER Laminectomy Retractor, 3¼" (8.3 cm) spread, 3 x 4 blunt teeth
- 11-676 TUFFIER Retractor, 6½" (16.5 cm) spread, 2" (5.1 cm) x 1¼" (4.4 cm) grooved blades



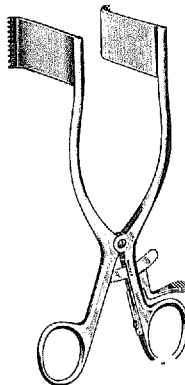
11-676



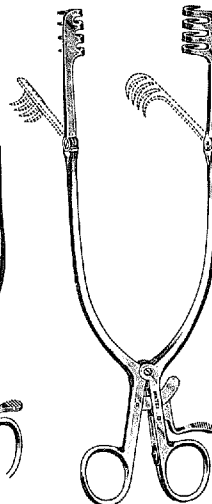
11-240 to 11-244



11-642-SH
11-642-BL



11-650 to 11-656



11-684
11-686

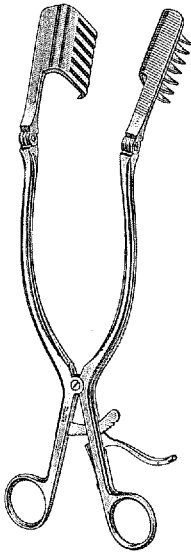


- 11-240** MEYERDING Laminectomy Retractor 9½" (24.1 cm), large blade 3½" (8.9 cm) x 2" (5.1 cm)
11-242 MEYERDING Laminectomy Retractor 9½" (24.1 cm), medium blade 3" (7.6 cm) x 1" (2.5 cm)
11-244 MEYERDING Laminectomy Retractor 9½" (24.1 cm), small blade 2" (5.1 cm) x ¾" (1.6 cm)

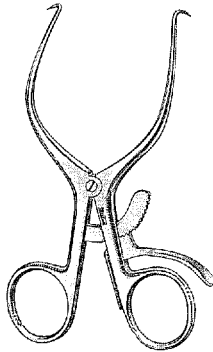
- 11-642-SH** BECKMAN-WEITLANER Retractor, hinged, 9" (22.9 cm), sharp 3 x 4 teeth
11-642-BL BECKMAN-WEITLANER Retractor, hinged, 9" (22.9 cm), blunt 3 x 4 teeth

MEYERDING SELF-RETAINING LAMINECTOMY RETRACTORS, 3¾" (9.5 cm) spread

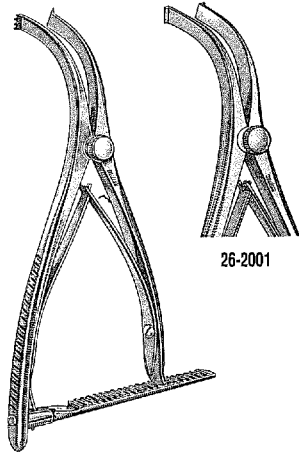
- 11-650** 1" (2.5 cm) x 2⅝" (6.1 cm) blades
11-652 1" (2.5 cm) x 2⅞" (5.4 cm) blades
11-654 1" (2.5 cm) x 1¾" (4.4 cm) blades
11-656 ¾" (1.9 cm) x 2⅝" (6.1 cm) blades
- 11-684** BECKMAN-ADSON Laminectomy Retractor 12½" (31.8 cm), hinged, sharp 4 x 4 teeth 1" (2.5 cm) wide x ¾" (1.9 cm) deep
11-686 BECKMAN-ADSON Laminectomy Retractor 12½" (31.8 cm), hinged, sharp 4 x 4 teeth 1¼" (3.2 cm) wide x 1¾" (4.4 cm) deep



26-1973



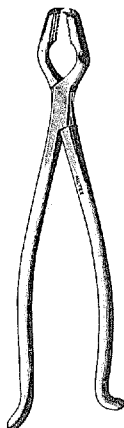
11-365
11-366



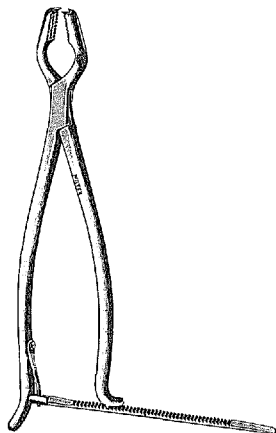
26-2001

26-2000
26-2005

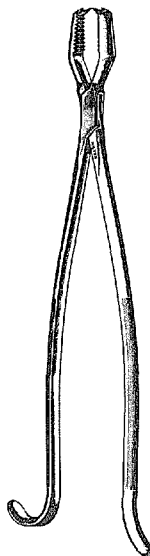
- 26-1973** BECKMAN-EATON Laminectomy Retractor 12¾" (32.4 cm), hinged, sharp
7 x 7 teeth 1¾" (4.4 cm) wide x 2" (5.1 cm) deep
- 11-365** Pediatric GELPI Retractor 5½" (14 cm), with grip lock
- 11-366** GELPI Retractor 6¾" (17.1 cm), with grip lock
- 26-2000** INGE Lamina Spreader 6" (15.2 cm), jaws open to 1⅞" (2.8 cm)
- 26-2001** INGE Lamina Spreader 6" (15.2 cm), jaws open to 1⅞" (2.8 cm), without teeth
- 26-2005** INGE Lamina Spreader 9½" (24.1 cm), jaws open to 1¾" (4.4 cm)



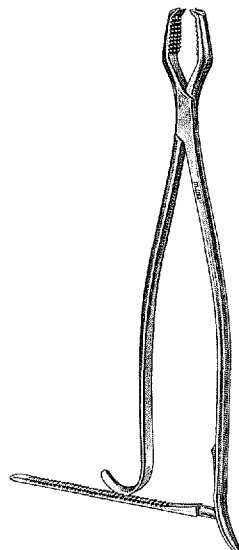
27-2
27-6



27-4
27-7

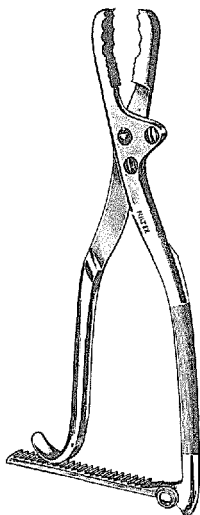


27-20
27-22

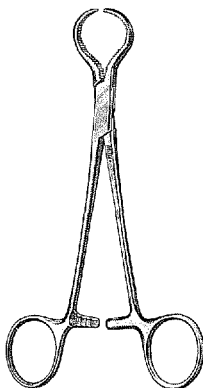


27-21
27-23

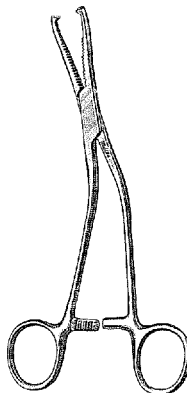
- 27-2 KERN Bone Holding Forceps 9½" (24.1 cm), standard size, plain
- 27-4 KERN Bone Holding Forceps 9½" (24.1 cm), standard size, with ratchet
- 27-6 KERN Bone Holding Forceps 6" (15.2 cm), pediatric size, plain
- 27-7 KERN Bone Holding Forceps 6" (15.2 cm), pediatric size, with ratchet
- 27-20 LANE Bone Holding Forceps 13" (33 cm), plain
- 27-21 LANE Bone Holding Forceps 13" (33 cm), with ratchet
- 27-22 LANE Bone Holding Forceps 17" (43.2 cm), plain
- 27-23 LANE Bone Holding Forceps 17" (43.2 cm), with ratchet



27-14

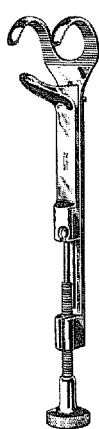


27-16

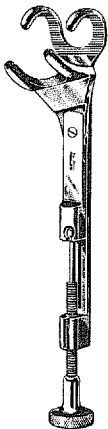


27-24

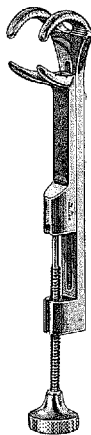
- 27-14 FARABEUF-LAMBOTTE Bone Holding Forceps, 10 $\frac{1}{4}$ " (26 cm)
- 27-16 LEWIN Bone Holding Forceps 7" (17.8 cm), serrated jaws
- 27-24 DINGMAN Small Bone and Cartilage Clamp 7 $\frac{1}{2}$ " (19.1 cm), serrated jaws, 2 x 2 teeth, 4 mm wide



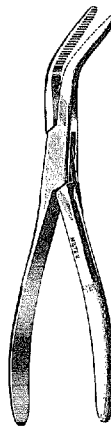
27-30 to 27-34



27-32
27-44



27-46
27-47

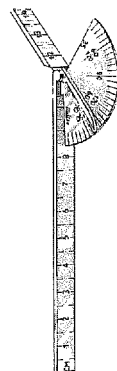


27-60

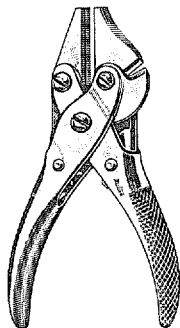


27-110

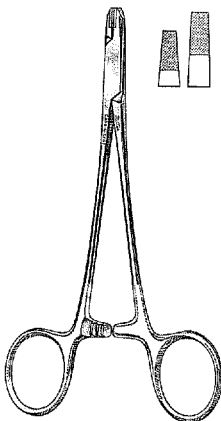
- 27-30** LOWMAN Bone Clamp 5" (12.7 cm), calibrated in $\frac{1}{8}$ " (.32 cm), 1 x 2 prong jaws $\frac{3}{4}$ " (1.9 cm) wide
- 27-32** LOWMAN Bone Clamp 7" (17.8 cm), calibrated in $\frac{1}{8}$ " (.32 cm), 1 x 2 prong jaws 1" (2.5 cm) wide
- 27-34** LOWMAN Bone Clamp 8" (20.3 cm), calibrated in $\frac{1}{8}$ " (.32 cm), 1 x 2 prong jaws $1\frac{1}{4}$ " (3.2 cm) wide
- 27-42** LOWMAN-HOGLUND Bone Clamp 7" (17.8 cm), calibrated in $\frac{1}{8}$ " (.32 cm), 2 x 2 prong swivel jaws 1" (2.5 cm) wide
- 27-44** LOWMAN-HOGLUND Bone Clamp 8" (20.3 cm), calibrated in $\frac{1}{8}$ " (.32 cm), 2 x 2 prong swivel jaws $1\frac{1}{4}$ " (3.5 cm) wide
- 27-46** LAMBERT-LOWMAN Bone Clamp 7" (17.8 cm), 2 x 2 prong jaws 1" (2.5 cm) wide
- 27-47** LAMBERT-LOWMAN Bone Clamp 8" (20.3 cm), 2 x 2 prong jaws $1\frac{1}{4}$ " (3.5 cm) wide
- 27-60** VAN BUREN Sequestrum Forceps 9" (22.9 cm), serrated jaws angled on side
- 27-110** Bone Wire Guide $8\frac{3}{4}$ " (22.2 cm), U.S. Pattern
- 27-144** POLK Finger Goniometer 6" (15.2 cm), graduated in inches and centimeters



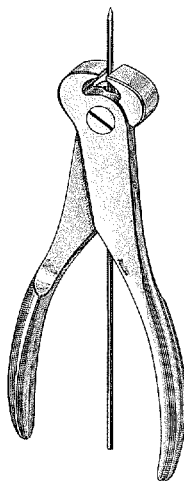
27-144



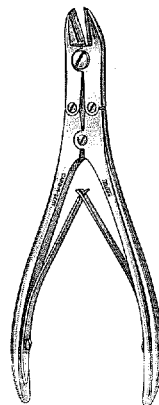
9-128



22-500TC
22-502TC



27-158



27-159TC

9-128 Double Action Parallel Pliers and Wire Cutter 4 1/2" (11.4 cm), nickel plated

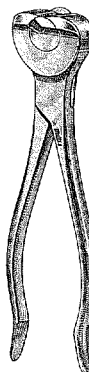
22-500TC Wire Twister 6" (15.2 cm), with Carb-N-Sert jaws

22-502TC Wire Twister 8" (20.3 cm), with Carb-N-Sert jaws

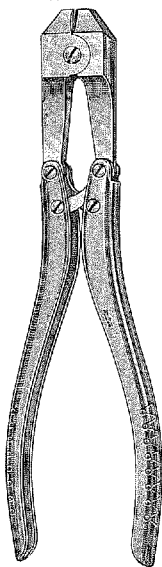
27-158 MILTEX Cannulated Pin and Wire Cutter 7 1/2" (19.1 cm), end cutting up to 3.2 mm (1/8") soft wire or 1.6 mm (1/16") hard wire

27-159TC C-N-S Pin and Wire Cutter 7" (17.8 cm), double action, CARB-N-SERT cutting blades, cuts up to 2 mm (3/16") soft wire or 1.6 mm (1/16") hard wire

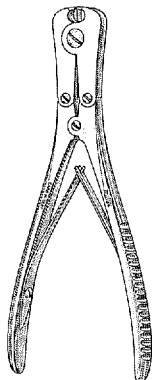
27-160 DIAMOND Pin and Wire Cutter 6 1/2" (16.5 cm), cuts up to 2 mm (3/16") diameter hard wire, stainless



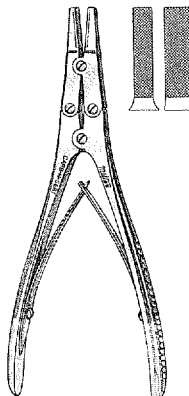
27-160



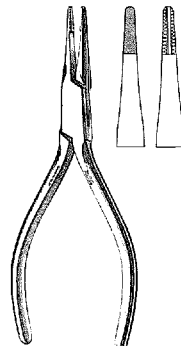
27-161TC



27-163TC



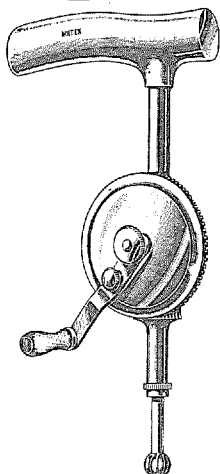
**27-164TC
27-165TC**



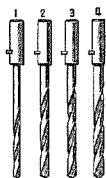
27-176TC

- 27-161TC** MILTEX Double Action Pin Cutter 15" (38.1 cm), heavy duty, with CARB-N-SERT cutting blades, will cut up to 4.8 mm ($\frac{3}{16}$ ") diameter, stainless
- 27-163TC** C-N-S Front and Side Pin and Wire Cutter 7" (17.8 cm), Double Action Flush Cutting CARB-N-SERT Blades cuts up to 2 mm ($\frac{3}{16}$ ") soft wire or 1.6 mm ($\frac{1}{16}$ ") hard wire
- 27-164TC** C-N-S Pin & Wire Puller 7" (17.8 cm), double action, with CARB-N-SERT 4 mm wide jaws
- 27-165TC** C-N-S Pin & Wire Puller 7" (17.8 cm), double action, with CARB-N-SERT 6 mm wide jaws
- 27-176TC** MILTEX Pin Puller 5½" (14 cm) CARB-N-SERT serrated top jaw measures 1 cm in length. Grooved cross-serrated opposing jaw. (Groove measures 1 cm in length.)

For Orthopedic Suture Wire & Wire Cutting Scissors – see pages 135 & 141.



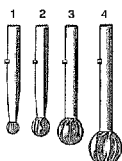
26-40
26-42



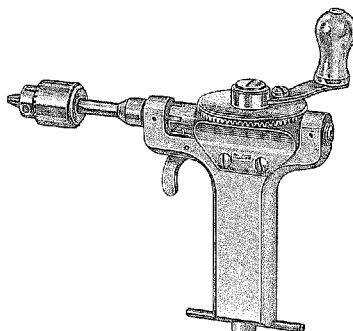
26-44



26-48



26-46



27-180

26-40 STILLE Pattern Drill Set, complete with 4 twist drills (2.5 to 4 mm), 4 burs (4 to 16 mm) and 1 trephine (10 mm). Chrome plated drill, stainless points

26-42 STILLE Pattern Drill, chrome plated

Replacement Points for Stille Pattern Drill

Twist Drills

26-44-1	2.5 mm
26-44-2	3 mm
26-44-3	3.5 mm
26-44-4	4 mm

Round Burs

26-46-1	4 mm
26-46-2	8 mm
26-46-3	11 mm
26-46-4	16 mm

26-48 Trephine 10 mm dia.

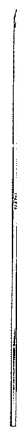
27-180 BUNNELL Hand Drill, Lightweight, chrome plated, with $\frac{1}{2}$ " (4 mm) capacity stainless Jacobs chuck. Cannulated for use with Kirschner wires and thin drills. Chuck key stores in handle.

KIRSCHNER WIRES 12" (30.5 cm), Trocar Point with Flat Chuck End

27-202	.035" (0.9 mm) diameter
27-204	.045" (1.1 mm) diameter
27-206	.0625" (1.6 mm) diameter

KIRSCHNER WIRES 7 $\frac{1}{2}$ " (19.1 cm), Trocar Points at both ends

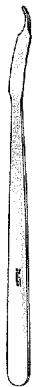
27-208	.035" (0.9 mm) diameter
27-210	.045" (1.1 mm) diameter
27-212	.0625" (1.6 mm) diameter



27-202 to 27-206



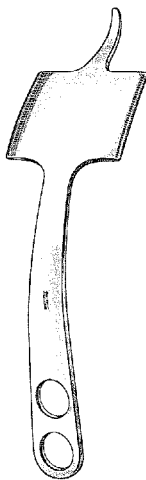
27-208 to 27-212



27-213
27-214



27-215 to 27-218



27-219



11-580
11-582



27-223

27-213 MINI-HOHMANN Retractor 6¼" (15.9 cm), blade 6 mm wide
27-214 MINI-HOHMANN Retractor 6¼" (15.9 cm), blade 8 mm wide

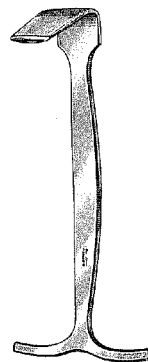
27-215 HOHMANN Retractor 9¼" (23.5 cm), blade 10 mm wide
27-216 HOHMANN Retractor 9¼" (23.5 cm), blade 18 mm wide
27-217 HOHMANN Retractor 9¼" (23.5 cm), blade 25 mm wide
27-218 HOHMANN Retractor 9¼" (23.5 cm), blade 43 mm wide
27-219 HOHMANN Retractor 9¾" (24.8 cm), blade 70 mm wide

11-580 BENNETT Bone Elevator and Retractor 9½" (24.1 cm), small blade 1¼" (4.4 cm) wide

11-582 BENNETT Bone Elevator and Retractor 9¾" (24.8 cm), large blade 2½" (6.4 cm) wide

27-223 BLOUNT Knee Retractor 7" (17.8 cm), blade 1¼" (4.4 cm) deep, ⅝" (1.6 cm) wide tapering to ⅜" (.48 cm)

27-224 SMILLIE Meniscus Hook Retractor 5¾" (14.6 cm), blade ¾" (1.9 cm) x 1⅞" (3.5 cm)



27-224

For additional Retractors see pages 151 - 187



27-225



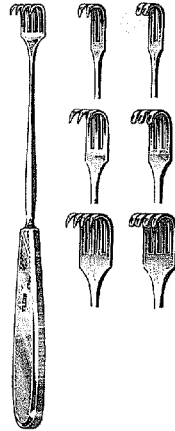
11-500



11-502



27-230
27-232



11-504 to 11-516

27-225 HAYS Hand and Finger Retractor 6" (15.2 cm), angled blade 1½" (3.8 cm) long, ⅜" (1 cm) wide tapering to ⅛" (.32 cm)

11-500 VOLKMAN Hook 8½" (21.6 cm), sharp, hollow handle

11-502 VOLKMAN Hook 8½" (21.6 cm), sharp, ring handle

27-230 VOLKMAN Hook Retractor 9" (22.9 cm), sharp point 15 mm deep

27-232 VOLKMAN Hook Retractor 9" (22.9 cm), blunt tip 15 mm deep

VOLKMAN RETRACTORS 8½" (21.6 cm), hollow handle

Sharp

Blunt

11-504 2 prongs

11-512

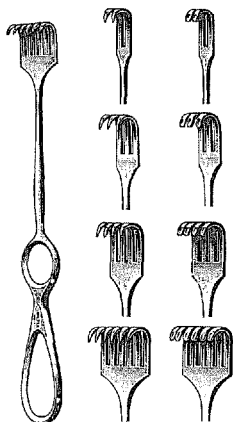
11-506 3 prongs

11-514

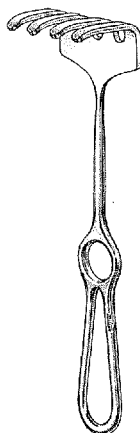
11-508 4 prongs

11-516

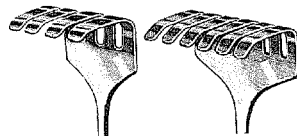
For additional Retractors see pages 151 - 187



11-530 to 11-544



11-349



11-350

11-352

VOLKMAN RETRACTORS 8" (20.3 cm), Ring Handle

Sharp

Blunt

11-530 2 prongs

11-538

11-532 3 prongs

11-540

11-534 4 prongs

11-542

11-536 6 prongs

11-544

11-349 OLLIER Rake Retractor 8½" (21.6 cm), blunt, 4 prongs
2¼" (5.7 cm) x 1¼" (4.4 cm)

11-350 ISRAEL Rake Retractor 9" (22.9 cm), blunt, 4 prongs
1½" (3.8 cm) x 1½" (4.1 cm)

11-352 ISRAEL Rake Retractor 9" (22.9 cm), blunt, 6 prongs
2¼" (5.7 cm) x 1¼" (4.4 cm)

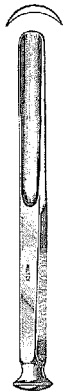
For additional Retractors see pages 151 - 187



27-260 to 27-264



27-270 to 27-274



27-280
27-282



19-750 to 19-760



19-770 to 19-780

27-260	U.S. ARMY Pattern Chisel 6½" (16.5 cm), 6 mm wide
27-262	U.S. ARMY Pattern Chisel 6½" (16.5 cm), 12 mm wide
27-264	U.S. ARMY Pattern Chisel 6½" (16.5 cm), 18 mm wide
27-270	U.S. ARMY Pattern Osteotome 6½" (16.5 cm), 6 mm wide
27-272	U.S. ARMY Pattern Osteotome 6½" (16.5 cm), 12 mm wide
27-274	U.S. ARMY Pattern Osteotome 6½" (16.5 cm), 18 mm wide
27-280	U.S. ARMY Pattern Gouge 6½" (16.5 cm), 6 mm wide
27-282	U.S. ARMY Pattern Gouge 6½" (16.5 cm), 12 mm wide
19-750	ALEXANDER Chisel 7" (17.8 cm), 4 mm wide
19-752	ALEXANDER Chisel 7" (17.8 cm), 6 mm wide
19-754	ALEXANDER Chisel 7" (17.8 cm), 8 mm wide
19-756	ALEXANDER Chisel 7" (17.8 cm), 10 mm wide
19-758	ALEXANDER Chisel 7" (17.8 cm), 12 mm wide
19-760	ALEXANDER Chisel 7" (17.8 cm), 14 mm wide
19-770	ALEXANDER Gouge 7" (17.8 cm), 4 mm wide
19-772	ALEXANDER Gouge 7" (17.8 cm), 6 mm wide
19-774	ALEXANDER Gouge 7" (17.8 cm), 8 mm wide
19-776	ALEXANDER Gouge 7" (17.8 cm), 10 mm wide
19-778	ALEXANDER Gouge 7" (17.8 cm), 12 mm wide
19-780	ALEXANDER Gouge 7" (17.8 cm), 14 mm wide



27-331 to 27-336



27-418 to 27-432



27-438 to 27-452



27-438C to 27-452C

27-331	HOKE Osteotome 5½" (14 cm) straight ⅛" (.32 cm)
27-332	HOKE Osteotome 5½" (14 cm) straight ⅜" (.48 cm)
27-333	HOKE Osteotome 5½" (14 cm) straight ½" (.64 cm)
27-334	HOKE Osteotome 5½" (14 cm) straight ⅝" (.79 cm)
27-335	HOKE Osteotome 5½" (14 cm) straight ¾" (.95 cm)
27-336	HOKE Osteotome 5½" (14 cm) straight ⅞" (1.3 cm)

HIBBS CHISELS 9" (22.9 cm)

Straight	Size
27-418	¼" (.64 cm)
27-420	⅜" (.95 cm)
27-422	½" (1.3 cm)
27-424	⅝" (1.6 cm)
27-426	¾" (1.9 cm)
27-427	⅞" (2.2 cm)
27-428	1" (2.5 cm)
27-430	1¼" (3.2 cm)
27-432	1½" (3.8 cm)

HIBBS OSTEOTOMES 9" (22.9 cm)

Straight	Size	Curved
27-438	¼" (.64 cm)	27-438C
27-440	⅜" (.95 cm)	27-440C
27-442	½" (1.3 cm)	27-442C
27-444	⅝" (1.6 cm)	27-444C
27-446	¾" (1.9 cm)	27-446C
27-447	⅞" (2.2 cm)	27-447C
27-448	1" (2.5 cm)	27-448C
27-449	1⅛" (2.8 cm)	27-449C
27-450	1¼" (3.2 cm)	27-450C
27-452	1½" (3.8 cm)	27-452C



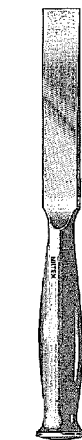
27-458 to 27-468



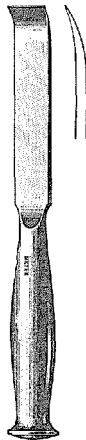
27-458C to 27-466C



27-488 to 27-508



27-510 to 27-522



27-530 to 27-542

HIBBS GOUGES 9" (22.9 cm)

Straight	Size	Curved
27-458	1/4" (.64 cm)	27-458C
27-460	3/8" (.95 cm)	27-460C
27-462	1/2" (1.3 cm)	27-462C
—	5/8" (1.6 cm)	27-464C
27-466	3/4" (1.9 cm)	27-466C
27-468	1" (2.5 cm)	—

LAMBOTTE OSTEOTOMES 9" (22.9 cm)

Straight	Width	Curved
27-488	6 mm (1/4")	27-499
27-490	13 mm (1/2")	27-500
27-492	19 mm (3/4")	27-502
27-494	25 mm (1")	27-504
27-496	32 mm (1 1/4")	27-506
27-498	38 mm (1 1/2")	27-508

SMITH-PETERSEN OSTEOTOMES 8" (20.3 cm)

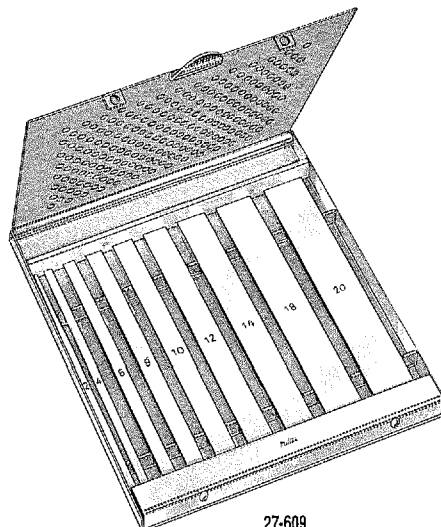
Straight	Width	Curved
27-510	1/4" (.64 cm)	27-530
27-512	3/8" (.95 cm)	27-532
27-514	1/2" (1.3 cm)	27-534
27-516	5/8" (1.6 cm)	27-536
27-518	3/4" (1.9 cm)	27-538
27-520	1" (2.5 cm)	27-540
27-522	1 1/4" (3.2 cm)	27-542



27-549 to 27-558



27-599 to 27-605



27-609
27-610

SMITH-PETERSEN GOUGES 8" (20.3 cm)

Straight	Width
27-549	1/4" (.64 cm)
27-550	3/8" (.95 cm)
27-551	1/2" (1.3 cm)
27-553	5/8" (1.6 cm)
27-554	3/4" (1.9 cm)
27-556	1" (2.5 cm)
27-558	1 1/4" (3.2 cm)

SWISS PATTERN OSTEOTOMES 5" (12.7 cm)

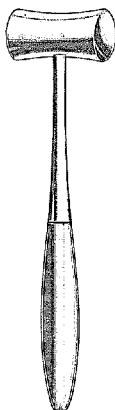
	Width		Width
27-599	2 mm	26-602A	12 mm
27-600	4 mm	27-603	14 mm
27-601	6 mm	27-604	18 mm
27-601A	8 mm	27-605	20 mm
27-602	10 mm		

27-609 Sterilizer – Storage Case 5 1/2" (14 cm) x 6 1/2" (16.5 cm) x 1/2" (1.3 cm), fitted to hold 9 Swiss Pattern Osteotomes 2 mm to 20 mm

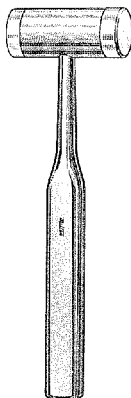
27-610 Set of 9 Swiss Pattern Osteotomes 2 mm to 20 mm, complete in fitted Sterilizer Case



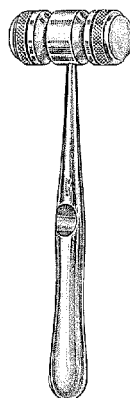
19-790



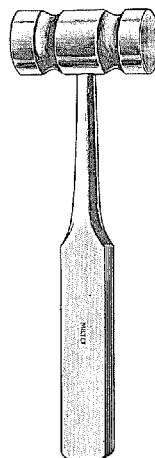
19-792



19-793
19-794



19-796



27-660
27-662

- 19-790 GERZOG Mallet 7½" (19.1 cm), head 8 oz. (227 g) lead filled with stainless jacket
- 19-792 LUCAE Mallet 7½" (19.1 cm), head 9 oz. (255 g) solid stainless
- 19-793 MILTEX Mallet 7½" (19.1 cm), lightweight 7.5 oz. (213 g), stainless head 1" (2.5 cm) dia. with 2 replaceable nylon caps
- 19-794 MILTEX Mallet 7½" (19.1 cm), lightweight 9 oz. (255 g), stainless head 1" (2.5 cm) dia. with 1 stainless face and 1 replaceable nylon cap
- 19-795 Nylon Cap Replacement for Nos. 19-793 and 19-794 Mallets
- 19-796 MEAD Mallet 7½" (19.1 cm), head 8 oz. (227 g), with 2 replaceable nylon caps
- 19-797 Nylon Cap Replacement for No. 19-796 Mallet
- 27-660 MILTEX Mallet 11" (27.9 cm), head 16 oz. (454 g) solid stainless
- 27-662 MILTEX Mallet 11" (27.9 cm), head 32 oz. (908 g) solid stainless



27-680



27-700



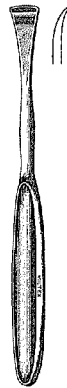
27-702



27-703



26-1410

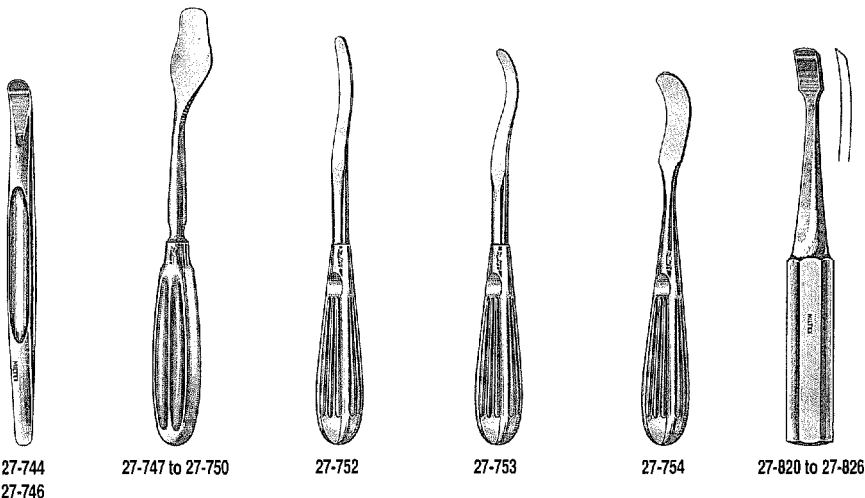


26-1412

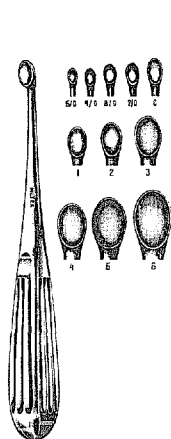
- 27-680 MURPHY-LANE Bone Skid 12" (30.5 cm)
- 27-700 PUTTI Bone Rasp 10½" (26.7 cm), flat ends, one side curved on flat, other side curved sideways
- 27-702 PUTTI Bone Rasp 12" (30.5 cm), round and half-round tapered curved ends
- 27-703 Bone File 9¾" (24.8 cm), bayonet shank, half-round blade 3½" (8.9 cm) x ½" (1.3 cm)
- 26-1410 LANGENBECK Periosteal Elevator 7½" (19.1 cm), narrow model, 7 mm wide blunt blade
- 26-1412 LANGENBECK Periosteal Elevator 7½" (19.1 cm), wide model, 17 mm wide sharp blade
- 25-28 SEDILLOT Periosteal Elevator 7½" (19.1 cm), blade 17 mm wide



25-28



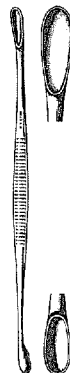
- 27-744** SAYRE Periosteal Elevator 6 $\frac{3}{4}$ " (17.1 cm), one straight blunt and one curved sharp end
27-746 SAYRE Periosteal Elevator 6 $\frac{3}{4}$ " (17.1 cm), one straight blunt and one curved blunt end
- 27-747** CHANDLER Elevator 7 $\frac{1}{2}$ " (19.1 cm), blade $\frac{1}{2}$ " (1.3 cm) tapering to $\frac{5}{16}$ " (.79 cm)
27-748 CHANDLER Elevator 8" (20.3 cm), blade $\frac{3}{4}$ " (1.9 cm) tapering to $\frac{1}{2}$ " (1.3 cm)
27-749 CHANDLER Elevator 9 $\frac{1}{4}$ " (23.5 cm), blade 1" (2.5 cm) tapering to $\frac{1}{16}$ " (1.7 cm)
27-750 CHANDLER Elevator 10" (25.4 cm), blade 1 $\frac{1}{4}$ " (3.2 cm) tapering to $\frac{3}{4}$ " (1.9 cm)
- 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
- 27-820** KEY Periosteal Elevator 7" (17.8 cm), $\frac{1}{4}$ " (.64 cm) wide
27-821 KEY Periosteal Elevator 7 $\frac{1}{2}$ " (19.1 cm), $\frac{3}{8}$ " (.95 cm) wide
27-822 KEY Periosteal Elevator 7 $\frac{1}{2}$ " (19.1 cm), $\frac{1}{2}$ " (1.3 cm) wide
27-824 KEY Periosteal Elevator 8" (20.3 cm), $\frac{3}{4}$ " (1.9 cm) wide
27-826 KEY Periosteal Elevator 8 $\frac{1}{4}$ " (21 cm), 1" (2.5 cm) wide



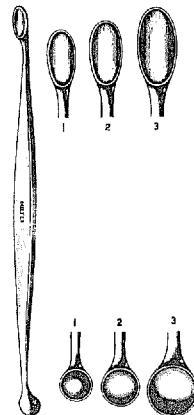
19-700 to 19-720



26-1627 to 26-1640



27-920



27-924

27-926

27-928

SPRATT (BRUN) BONE CURETTES, Oval Cups

6½" (16.5 cm) Long

19-700	Size 5/0
19-702	Size 4/0
19-704	Size 3/0
19-706	Size 2/0
19-708	Size 0
19-710	Size 1
19-712	Size 2
19-714	Size 3
19-716	Size 4
19-718	Size 5
19-720	Size 6

9" Long (22.9 cm)

26-1627	Size 3/0
26-1628	Size 2/0
26-1629	Size 0
26-1630	Size 1
26-1632	Size 2
26-1634	Size 3
26-1636	Size 4
26-1638	Size 5
26-1640	Size 6

VOLKMAN DOUBLE END CURETTES

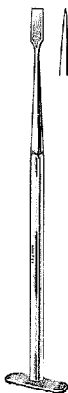
27-920	5½" (14 cm) long, oval cups 5 x 10 mm and 6 x 20 mm
27-924	5" (12.7 cm) long, oval cup 6 x 10 mm and round cup 7 mm dia.
27-926	6½" (16.5 cm) long, oval cup 8 x 14 mm and round cup 10 mm dia.
27-928	8" (20.3 cm) long, oval cup 9 x 18 mm and round cup 11 mm dia.



21-321



21-322



27-970



27-972

27-974



27-980

21-321 MARTINI Bone Curette 5½" (14 cm), double end, 4 mm and 5 mm round cups

21-322 WILLIGER Bone Curette 5½" (14 cm), double end, 3 mm and 4 mm oval cups

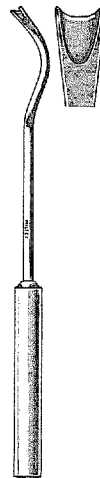
27-970 SMILLIE Meniscus Knife 7¼" (18.4 cm), straight chisel blade

27-972 SMILLIE Meniscus Knife 7" (17.8 cm), curved left

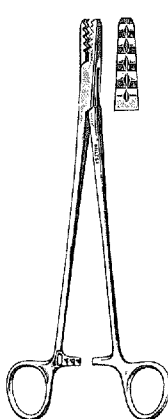
27-974 SMILLIE Meniscus Knife 7" (17.8 cm), curved right

27-980 LOWE-BRECK Cartilage Knife 10½" (26.7 cm), straight edge with guards

27-984 DOWNING Cartilage Knife 10" (25.4 cm), concave edge with guards



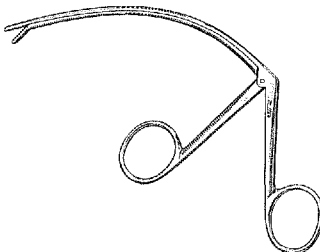
27-984



27-990
27-992



27-1000

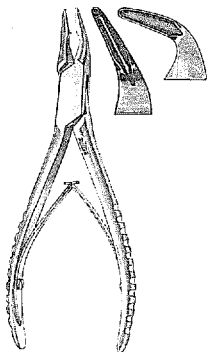


27-1016

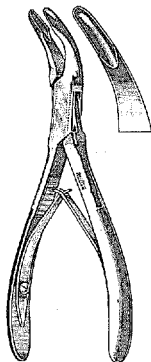


27-1020 to 27-1028

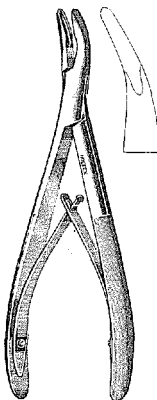
- 27-990 MARTIN Cartilage Clamp 7" (17.8 cm)
- 27-992 MARTIN Cartilage Clamp 8" (20.3 cm)
- 27-1000 MARTIN Cartilage Scissors 8" (20.3 cm), serrated non-slip cutting edges
- 27-1016 MILTEX Tendon Pulling Forceps, 5" (12.7 cm) curved shaft, alligator type
- 27-1020 BUNNELL Tendon Stripper 6" (15.2 cm), inside dia. 3 mm
- 27-1022 BUNNELL Tendon Stripper 6" (15.2 cm), inside dia. 4 mm
- 27-1024 BUNNELL Tendon Stripper 6" (15.2 cm), inside dia. 5 mm
- 27-1026 BUNNELL Tendon Stripper 6" (15.2 cm), inside dia. 6 mm
- 27-1028 BUNNELL Tendon Stripper 6" (15.2 cm), inside dia. 7 mm



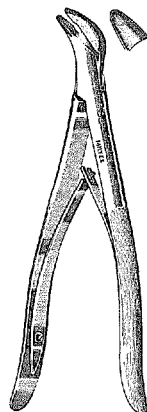
22-480 to 22-482



19-804



19-808



26-198

DEAN (BLUMENTHAL) RONGEURS 6" (15.2 cm),
3 x 10 mm bite tapered to 4 mm

22-480 slightly curved jaws

22-482 jaws 90° angled

22-481 CICHARELLI (REINER) Rongeur 7" (17.8 cm),
slightly curved jaws 3 x 8 mm bite tapered to 4 mm

19-804 HARTMAN Rongeur 5¾" (14.6 cm), strong curve,
4 x 12 mm bite

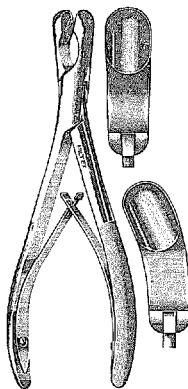
19-808 BANE Rongeur 7" (17.8 cm), curved jaws,
5 x 15 mm bite tapered to 7 mm

26-198 BACON Rongeur 8¼" (21 cm), angled on side,
5 mm bite

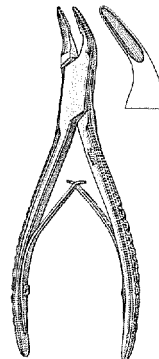
26-190 LUER Rongeur 7" (17.8 cm), straight jaws 8 mm bite

26-192 LUER Rongeur 7" (17.8 cm), curved jaws 8 mm bite

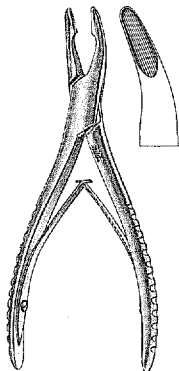
22D-420 BLUMENTHAL Rongeur 6" (15.2 cm), 45° angled jaws
3 x 12 mm bite



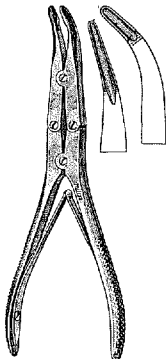
26-190 to 26-192



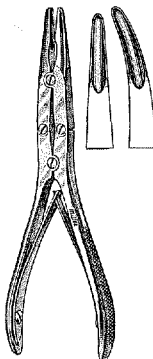
22D-420



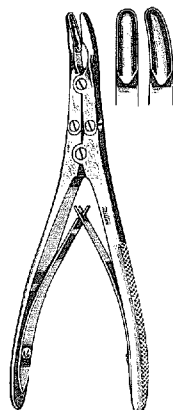
22-484



27-1295
27-1297



19-848
19-849



19-850 to 19-856

22-484 MEAD Rongeur 6½" (16.5 cm), slightly angled jaws 4 x 12 mm bite

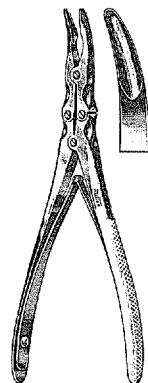
27-1295 KLEINERT-KUTZ Bone Rongeur 6" (15.2 cm), slightly curved jaws 2 x 13 mm

27-1297 KLEINERT-KUTZ Synovectomy Rongeur 6" (15.2 cm), full curved jaws 3 x 8 mm

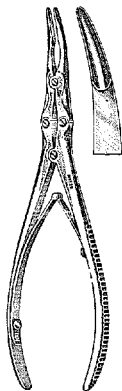
RUSKIN RONGEURS

Straight	Sizes	Curved
19-848	6" (15.2 cm) long, 3 mm bite	19-849
19-850	7¼" (18.4 cm) long, 5 mm bite	19-852
19-854	7¼" (18.4 cm) long, 7 mm bite	19-856

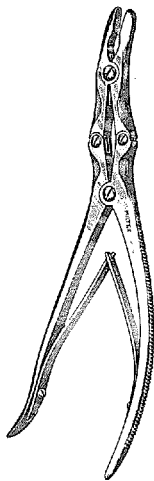
19-840 ZAUFEL-JANSEN Rongeur 7" (17.8 cm), slightly curved jaws 5 mm wide



19-840

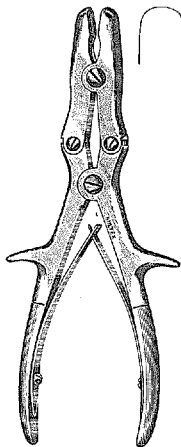


19-844

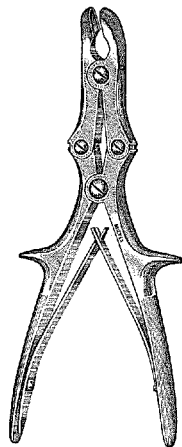


25-510

25-511



25-454



25-456

19-844 BEYER Rongeur 7" (17.8 cm), slightly curved jaws 3.5 mm wide

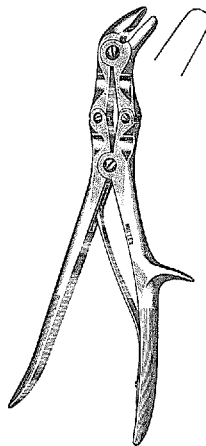
25-510 LEKSELL Laminectomy Rongeur 9½" (24.1 cm), standard curve, 3 mm bite

25-511 LEKSELL Laminectomy Rongeur 9½" (24.1 cm), standard curve, 8 mm bite

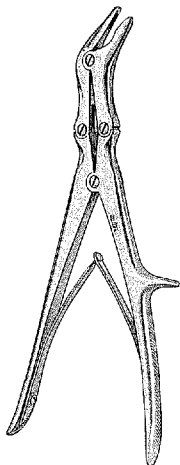
25-454 STILLE-LUER Rongeur 8¾" (22.2 cm), straight jaws 9 x 15 mm

25-456 STILLE-LUER Rongeur 8¾" (22.2 cm), curved jaws 9 x 15 mm

25-458 STILLE-LUER Duckbill Rongeur 9" (22.9 cm), angled on side
jaws 6 x 12 mm



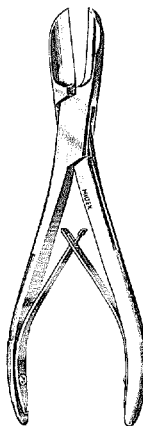
25-458



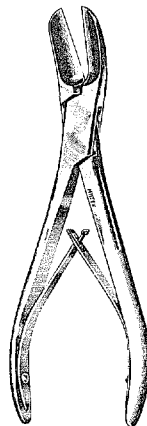
26-264 to 26-266



40-227-SS



27-1390 to 27-1394

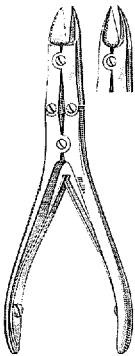


27-1400 to 27-1404

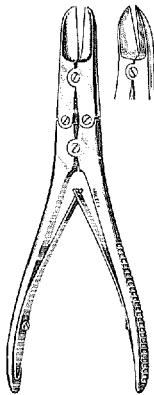
26-264	ECHLIN Duckbill Rongeur 9" (22.9 cm), 2 mm bite
26-265	ECHLIN Duckbill Rongeur 9" (22.9 cm), 3 mm bite
26-266	ECHLIN Duckbill Rongeur 9" (22.9 cm), 4 mm bite
40-227-SS	LITTAUER-LISTON Bone Cutting Forceps 6" (15.2 cm), straight 20 mm blades

LISTON BONE CUTTING FORCEPS

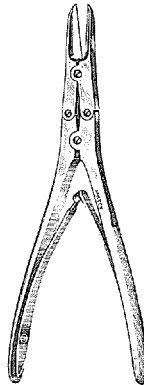
Straight	Size	Angled on Flat
27-1390	5½" (14 cm)	27-1400
27-1392	7½" (19.1 cm)	27-1402
27-1394	8½" (21.6 cm)	27-1404



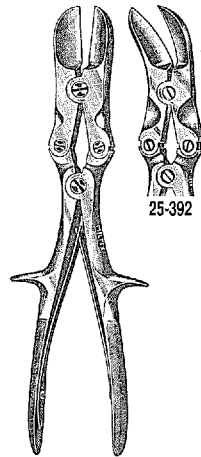
21-626
21-627



25-384
25-385



21-628



25-390

RUSKIN BONE CUTTING FORCEPS

Straight

Size

Angled

21-626

standard blades 5½" (14 cm)

21-627

25-384

standard blades 7½" (19.1 cm)

25-385

21-628

delicate blades 7½" (19.1 cm)

25-390

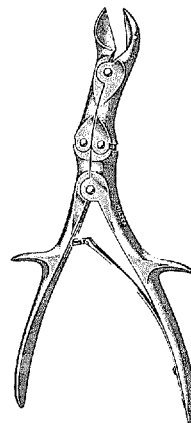
STILLE-LISTON Bone Cutting Forceps 10¼" (27.3 cm), straight

25-392

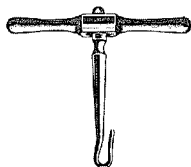
STILLE-LISTON Bone Cutting Forceps 10¼" (27.3 cm), curved

25-396

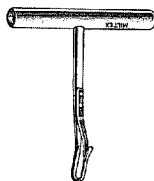
STILLE-HORSLEY Bone Cutting Forceps 10½" (26.7 cm),
angled blades



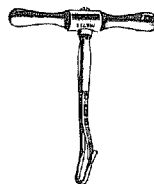
25-396



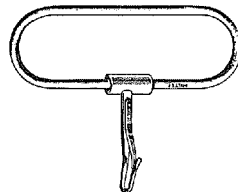
26-119



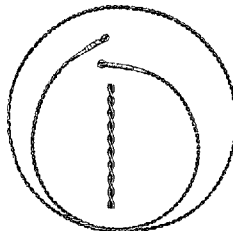
26-120



26-122



26-124



26-130 to 26-134

26-119 GIGLI Saw Handle, Standard Pattern, T-shape, turnable

26-120 GIGLI-STRULLY Saw Handle, T-shape, rigid, with snap lock

26-122 GIGLI-STRULLY Saw Handle, T-shape, turnable, with snap lock

26-124 GIGLI-STRULLY Saw Handle, Loop Grip, rigid, with snap lock

26-130 GIGLI Saw 12" (30.5 cm), standard twisted wire type

26-132 GIGLI Saw 20" (50.8 cm), standard twisted wire type

26-134 GIGLI Saw 30" (76.2 cm), standard twisted wire type

26-138 BAILEY Gigli Saw Guide 12" (30.5 cm), flexible

65-28 Mesh Holder, 6 $\frac{3}{4}$ " (17.1 cm), 2 $\frac{1}{4}$ " (5.4 cm) inside diameter of basket, securely holds small items such as micro clips, screws, burs etc., during cleaning, rinsing or sterilization



26-138



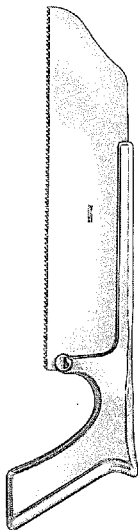
65-28



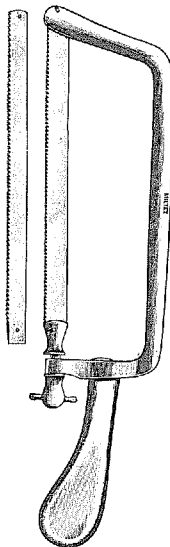
27-1550



40-2000



27-1560



27-1564
27-1565-12
27-1565-18



27-1600
27-1602

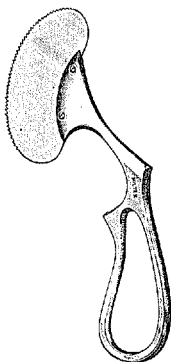
- 27-1550** LANGENBECK Metacarpal Saw 9 $\frac{1}{4}$ " (23.5 cm), blade 4 $\frac{1}{2}$ " (11.4 cm) long
- 40-2000** MILTEX Bone Saw 6" (15.2 cm), blade 2" (5.1 cm)
- 27-1560** SATTERLEE Bone Saw 12" (30.5 cm), light metal handle with stainless 9" (22.9 cm) blade
- 27-1561** Blade for No. 27-1560 Satterlee Saw
- 27-1564** CHARRIERE Bone Saw 14" (35.6 cm), with one each 12 mm and 18 mm stainless blades
- 27-1565-12** 12 mm wide blade for No. 27-1564 saw
- 27-1565-18** 18 mm wide blade for No. 27-1564 saw
- 27-1600** LISTON Amputating Knife 11 $\frac{3}{4}$ " (29.8 cm), with 6 $\frac{1}{2}$ " (16.5 cm) blade
- 27-1602** LISTON Amputating Knife 13 $\frac{3}{4}$ " (34.9 cm), with 8" (20.3 cm) blade



27-3002



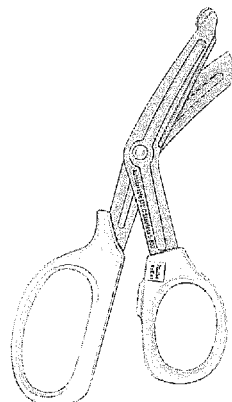
27-3004



27-3020



27-3022



5-800

27-3002 U.S. Pattern Cast Knife 5½" (14 cm), wood handle, 1½" (3.8 cm) blade

27-3004 REINER Cast Knife 7" (17.8 cm), metal handle, 1½" (3.8 cm) blade

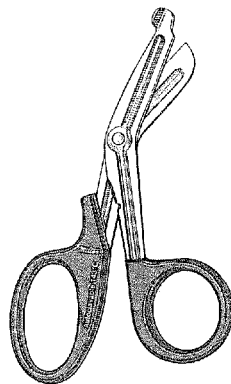
27-3020 ENGEL Cast Saw 6" (15.2 cm)

27-3022 WIGMORE Cast Saw 7¾" (19.7 cm)

5-800 Bandage and Utility Scissors 8½" (21.6 cm), with fluoride coated blades to help prevent adhesive or fiberglass casting material from sticking to the blade surfaces. Neon green plastic finger rings, serrated blade. Autoclavable.

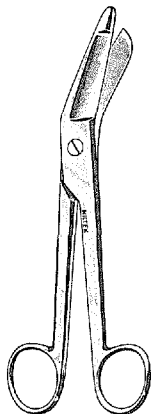
5-998 Utility and Light Cast Shears 6½" (16.5 cm), black plastic finger rings, serrated blade. Autoclavable.

5-1000 Utility and Light Cast Shears 7½" (19.1 cm), black plastic finger rings, serrated blade. Autoclavable.

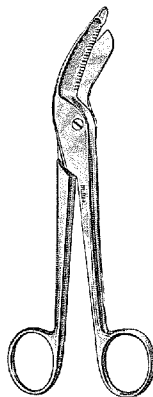


5-998

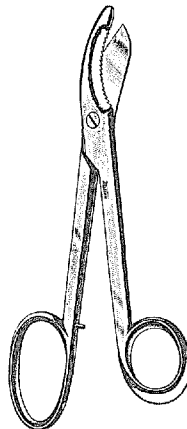
5-1000



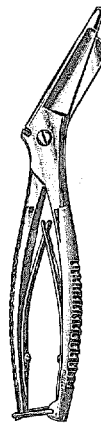
5-568



5-547

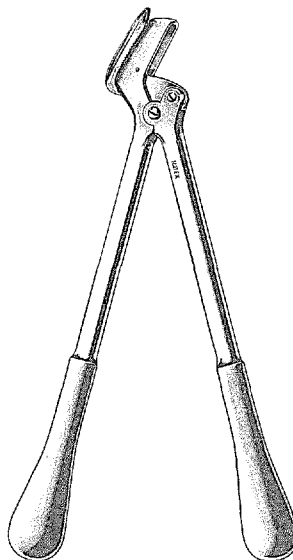


27-3070

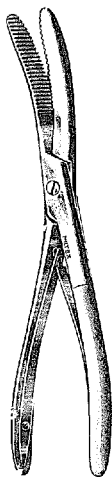


5-600

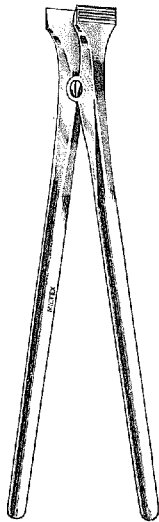
- 5-568 ESMARCH Cast Shears 8" (20.3 cm)
- 5-547 HERCULES Cast Shears 7½" (19.1 cm), serrated blade
- 27-3070 BRUNS Cast Shears 9¼" (23.5 cm), serrated blade
- 5-600 MILTEX Cast and Utility Shears 8½" (21.6 cm), with wire cutter and serrated blade
- 27-3059 STILLE Cast Shears 8" (20.3 cm), Pediatric Size, serrated blades
- 27-3060 STILLE Cast Shears 11" (27.9 cm), Medium Size, serrated blades
- 27-3062 STILLE Cast Shears 15" (38.1 cm), Standard Size, serrated blades



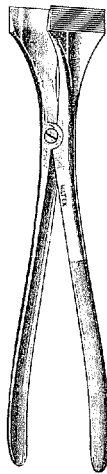
27-3059 to 27-3062



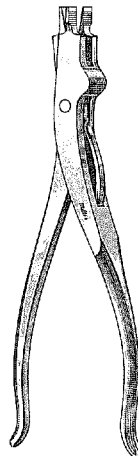
27-3080



27-3090

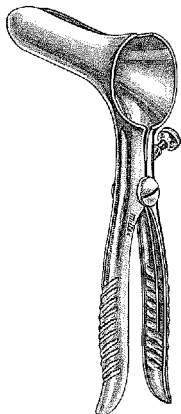


27-3094

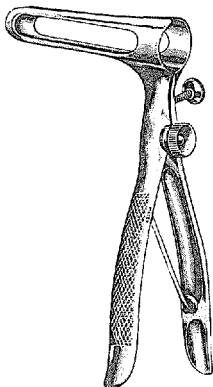


27-3100

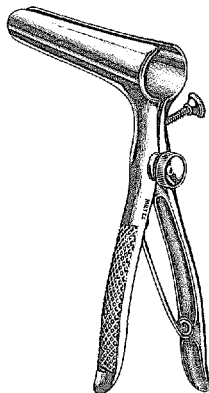
- 27-3080** WOLFE-BOEHLER Cast Breaker 10" (25.4 cm), jaws 15 mm wide with deep serrations
- 27-3090** BEESON Cast Spreader 12" (30.5 cm), blades 2" (5.1 cm) wide
- 27-3094** HENNIG Cast Spreader 11" (27.9 cm), blades 2" (5.1 cm) wide
- 27-3100** MILTEX 3-Prong Cast Spreader 9" (22.9 cm), with spring action for one-hand operation



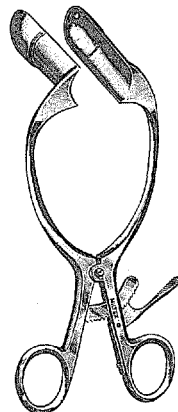
28-1



28-2

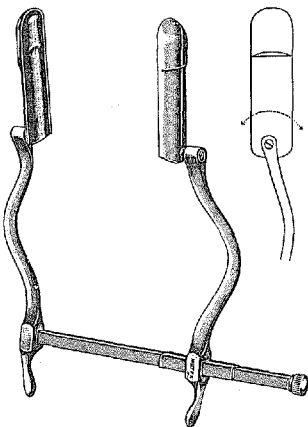


28-4

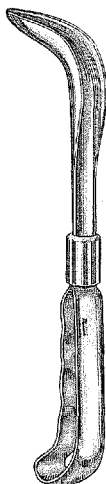


28-6

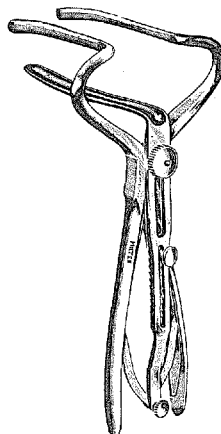
- 28-1 PRATT Rectal Speculum 8½" (21.6 cm) long, with set screw, blades 3½" (8.9 cm) long x 1" (2.5 cm) wide at distal end
- 28-2 SIMS Rectal Speculum 6" (15.2 cm) long, with set screw, fenestrated blades 3½" (8.9 cm) long x ¾" (1.6 cm) wide at distal end
- 28-4 BODENHAMMER Rectal Speculum 6" (15.2 cm) long, with set screw, blades 3½" (8.9 cm) long x ¾" (1.9 cm) wide at distal end
- 28-6 BARR Anal Retractor 8" (20.3 cm), self-retaining, blades 2¾" (7 cm) x ⅞" (2.2 cm)



28-64
28-65

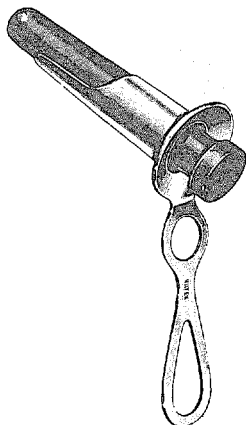


28-70 to 28-74

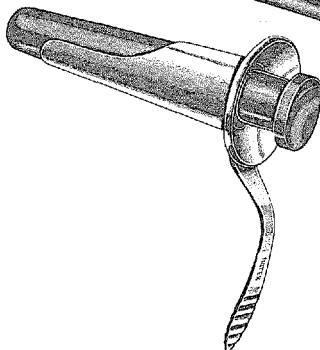


28-8

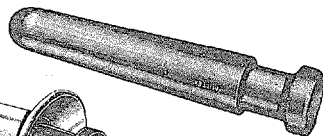
- 28-64** SMITH (BUIE) Anal Retractor, self-retaining, swivel blades 2½" (6.4 cm) x ⅞" (2.2 cm) open to 4" (10.2 cm)
- 28-65** SMITH (BUIE) Anal Retractor, self-retaining, extra long swivel blades 4" (10.2 cm) x ⅞" (2.2 cm) open to 4" (10.2 cm)
- 28-70** SAWYER Rectal Retractor 11" (27.9 cm), blade ⅞" (2.2 cm) x 2½" (6.4 cm)
- 28-72** SAWYER Rectal Retractor 11" (27.9 cm), blade 1⅞" (2.8 cm) x 3" (7.6 cm)
- 28-74** SAWYER Rectal Retractor 11" (27.9 cm), blade 1½" (3.8 cm) x 3½" (8.9 cm)
- 28-8** COOK Rectal Retractor 8" (20.3 cm), triple bladed, self-retaining, 4" (10.2 cm) deep blades, lower blade ½" (1.3 cm) wide



28-10

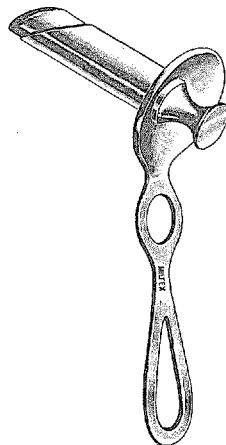


28-12

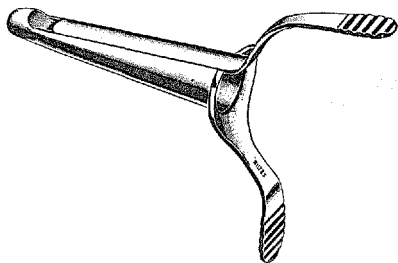


28-14

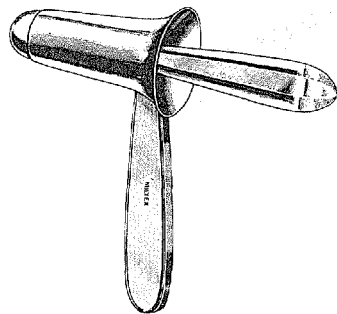
- 28-10 PENNINGTON Rectal Speculum $3\frac{3}{4}$ " (8.6 cm) long x 1" (2.5 cm) O.D., with boilable obturator, $4\frac{3}{4}$ " (12.1 cm) long handle, chrome
- 28-11 Obturator for No. 28-10 Pennington Speculum
- 28-12 FANSLER-IVES Rectal Speculum $3\frac{1}{4}$ " (8.3 cm) long x $1\frac{1}{8}$ " (2.8 cm) O.D., with boilable obturator, $2\frac{3}{4}$ " (7 cm) long handle, chrome
- 28-14 Obturator for No. 28-12 Fansler-Ives Speculum
- 28-20 HIRSCHMAN Anoscope, Small size $2\frac{1}{4}$ " (5.7 cm) long x $\frac{9}{16}$ " (1.4 cm) I.D.
- 28-22 HIRSCHMAN Anoscope, Medium size $2\frac{5}{8}$ " (6.7 cm) long x $1\frac{1}{16}$ " (1.7 cm) I.D.
- 28-24 HIRSCHMAN Anoscope, Large size $3\frac{1}{2}$ " (8.9 cm) long x $\frac{7}{8}$ " (2.2 cm) I.D.



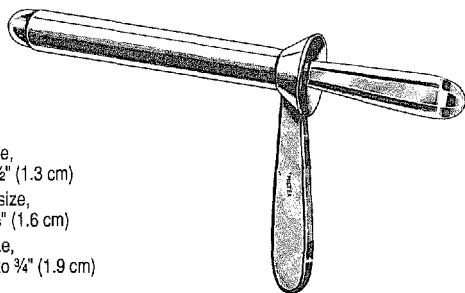
28-20 to 28-24



28-30 to 28-34

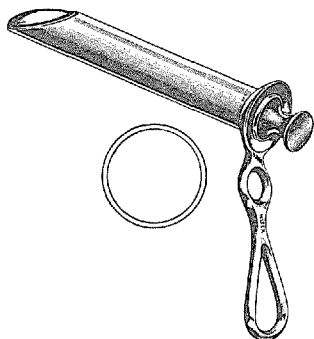


28-36
28-38

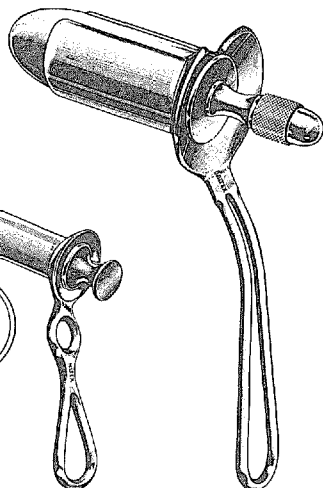


28-40
28-44

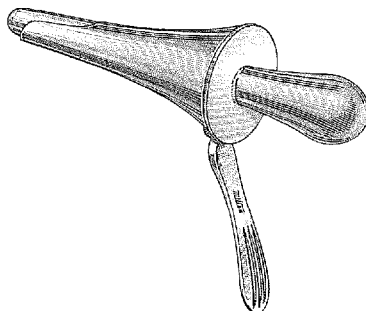
- 28-30 BRINKERHOFF Rectal Speculum, Small size,
3½" (8.9 cm) long x 1" (2.5 cm) tapering to ½" (1.3 cm)
- 28-32 BRINKERHOFF Rectal Speculum, Medium size,
4" (10.2 cm) long x 1" (2.5 cm) tapering to ¾" (1.6 cm)
- 28-34 BRINKERHOFF Rectal Speculum, Large size,
4¾" (12.1 cm) long x 1¼" (3.2 cm) tapering to ¾" (1.9 cm)
- 28-36 KELLY Sphincteroscope 2¼" (5.4 cm) long x 1" (2.5 cm) O.D.
tapering to 1¾" (2.1 cm)
- 28-38 KELLY Sphincteroscope 2¼" (5.7 cm) long x 1¼" (3.2 cm) O.D.
tapering to 1" (2.5 cm)
- 28-40 KELLY Anoscope 2" (5.1 cm) long x 7⁄8" (2.2 cm) O.D.
- 28-44 KELLY Proctoscope 5½" (14 cm) long x 7⁄8" (2.2 cm) O.D.



28-48

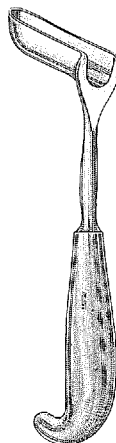


28-50

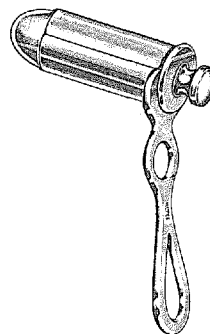


28-52

- 28-48** HIRSCHMAN Proctoscope 5" (12.7 cm)
long x $1\frac{5}{16}$ " (2.4 cm) O.D.
- 28-50** FANSLER Operating Speculum $2\frac{5}{8}$ " (6.1 cm)
long x $1\frac{3}{8}$ " (3.5 cm) O.D., slotted tube
- 28-52** BARR-SHUFORD Rectal Speculum $4\frac{1}{2}$ " (11.4 cm)
tapered from $\frac{5}{8}$ " (1.6 cm) to 2" (5.1 cm), chrome
- 28-68** HILL-FERGUSON Retractor $8\frac{1}{2}$ " (21.6 cm), small blade,
2.2 x 6.4 cm
- 28-69** HILL-FERGUSON Retractor $8\frac{3}{4}$ " (22.2 cm), large blade,
3 x 7.6 cm
- 28-79** CHELSEA EATON Anal Speculum $2\frac{5}{8}$ " (6.7 cm)
long x $\frac{7}{8}$ " (2.2 cm) O.D.
- 28-80** CHELSEA EATON Anal Speculum $2\frac{5}{8}$ " (6.7 cm)
long x $1\frac{1}{4}$ " (3.2 cm) O.D.



28-68
28-69



28-79
28-80



28-100



28-104



28-106



28-108



28-109



28-120

28-122

28-124



28-128

28-130

28-100 LARRY Probe and Grooved Director 7" (17.8 cm)

28-104 BARR Fistula Probe, with 8" (20.3 cm) sterling shaft, eye at tip, 11½" (29.2 cm) overall

28-106 BUIE Fistula Probe, with 5½" (14 cm) sterling shaft, 6¾" (17.1 cm) overall

28-108 PRATT Rectal Probe, with 7¾" (19.7 cm) sterling shaft, 11" (27.9 cm) overall

28-109 BARR Double Ended Probe 7" (17.8 cm), rigid

28-120 PRATT Crypt Hook 8½" (21.6 cm), narrow style

28-122 PRATT Crypt Hook 8½" (21.6 cm), short style

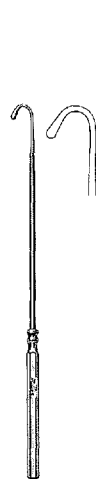
28-124 PRATT Crypt Hook 8½" (21.6 cm), long style

28-128 STEWART Crypt Hook 8½" (21.6 cm), short style

28-130 STEWART Crypt Hook 8½" (21.6 cm), long style

28-131 ROSSER Crypt Hook 6¾" (17.1 cm)

28-140 BARR Crypt Hook 10" (25.4 cm), short and long hook ends



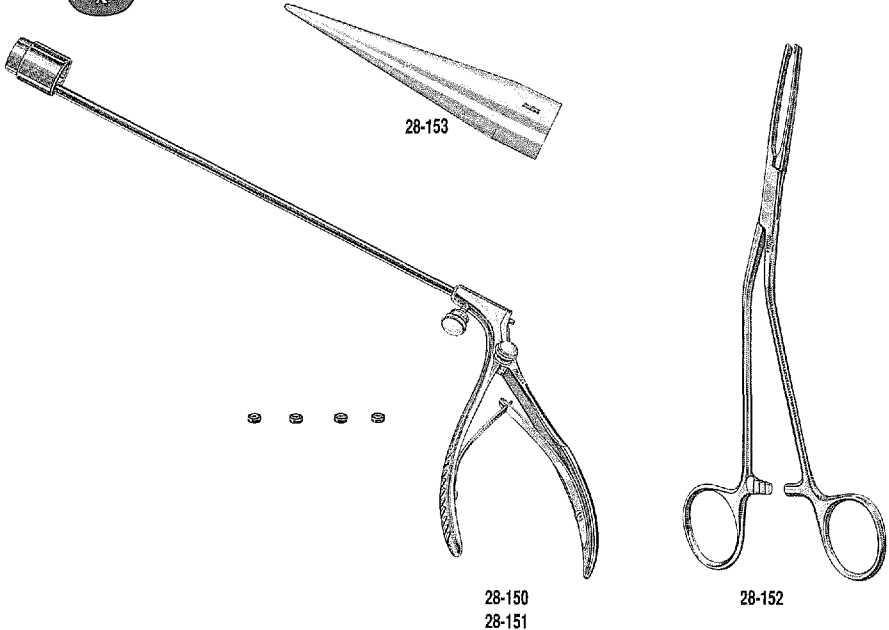
28-131



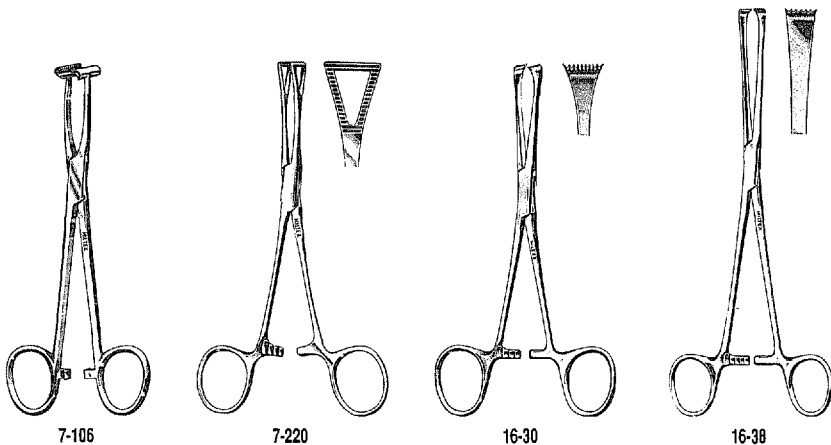
28-140



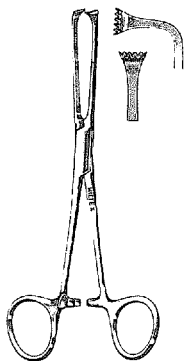
Rectal Instruments



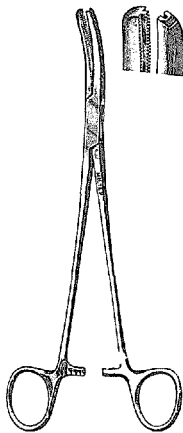
- 28-150** McGIVNEY Hemorrhoidal Ligator, improved model with offset handle for better vision and comfort. 7" (17.8 cm) working length. Can be disassembled entirely for cleaning. Supplied with drum loading cone and 100 Latex O-Rings.
- 28-151** Latex O-Rings for No. 28-150 Ligator. Bag with 100 rings.
- 28-152** McGIVNEY Hemorrhoid Grasping Forceps 7½" (19.1 cm), angled shanks. Specially designed for use with McGivney Ligator.
- 28-153** Loading Cone for No. 28-150 Ligator



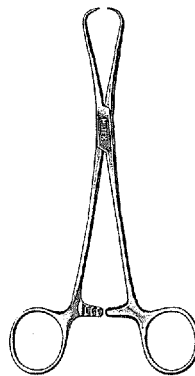
- 7-106** PRATT T-Shape Tissue Grasping Forceps 6" (15.2 cm)
- 7-220** PENNINGTON Tissue Grasping Forceps 6" (15.2 cm), triangular jaws
- 16-30** ADAIR-ALLIS Tissue Forceps 6½" (16.5 cm), 9 x 10 teeth
- 16-38** THOMS-ALLIS Tissue Forceps 8" (20.3 cm), 6 x 7 teeth



16-10
16-24

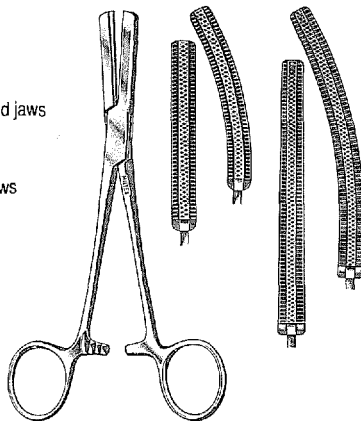


28-196



28-200

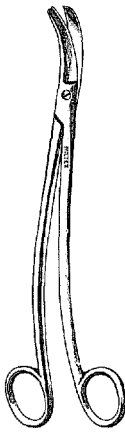
- 16-10 ALLIS Tissue Forceps 7 1/4" (18.4 cm), 5 x 6 teeth, straight
- 16-24 ALLIS Tissue Forceps 7 1/4" (18.4 cm), 5 x 6 teeth, 90° angled jaws
- 28-196 BUIE Pile Clamp 8 1/2" (21.6 cm), curved angiotribe jaws
- 28-200 FERGUSON Tenaculum Forceps 6 3/4" (17.1 cm), straight jaws
- 7-260 FERGUSON Angiotribe Forceps 6 1/2" (16.5 cm), straight
- 7-262 FERGUSON Angiotribe Forceps 6 1/2" (16.5 cm), curved
- 7-264 FERGUSON Angiotribe Forceps 7 1/2" (19.1 cm), straight
- 7-266 FERGUSON Angiotribe Forceps 7 1/2" (19.1 cm), curved



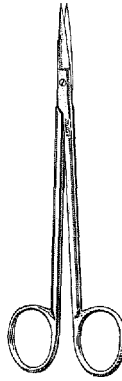
7-260 to 7-266



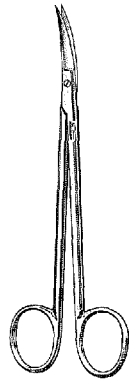
28-240



28-244

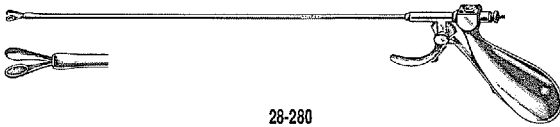


5-250
5D-251

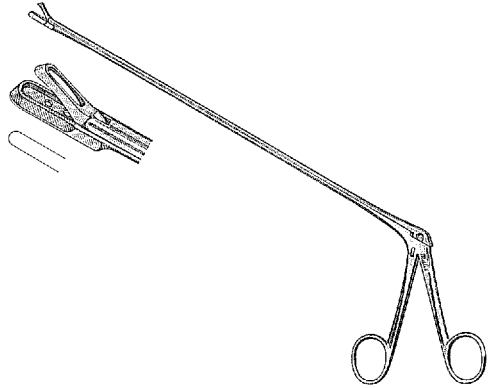


5-252
5D-253

28-240	MILLER Rectal Scissors 6¾" (17.1 cm), bayonet shape, delicate serrated blades with blunt points
28-244	PRATT Rectal Scissors 8¼" (21 cm), S-shaped, blunt points
5-250	KELLY Rectal Scissors 6¼" (15.9 cm), sharp points, straight
5D-251	KELLY Rectal Scissors 6¼" (15.9 cm), sharp points, straight, with one serrated blade
5-252	KELLY Rectal Scissors 6¼" (15.9 cm), sharp points, curved
5D-253	KELLY Rectal Scissors 6¼" (15.9 cm), sharp points, curved, with one serrated blade

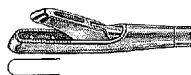


28-280

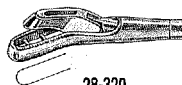


28-294 to 28-298

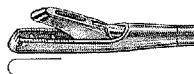
28-280	BUIE Biopsy Forceps 13" (33 cm) shaft, 3.5 mm bite
28-294	YEOMAN Biopsy Forceps 9" (22.9 cm) shaft, 3.5 x 10 mm bite, with basket
28-296	YEOMAN Biopsy Forceps 13" (33 cm) shaft, 3.5 x 10 mm bite, with basket
28-298	YEOMAN Biopsy Forceps 15" (38.1 cm) shaft, 3.5 x 10 mm bite, with basket



28-300
28-302
28-304
28-306
28-308
28-310



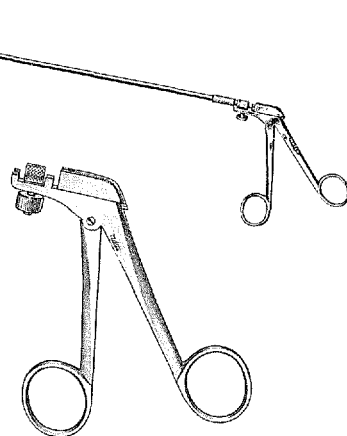
28-320
28-322
28-324
28-326
28-328
28-330



28-303
28-309



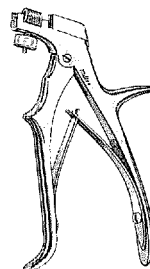
28-323
28-329



28-340

YEOMAN BIOPSY FORCEPS with ROTATING SHAFTS, Straight 4 x 8 mm Bite, With Basket

Complete with Ring Handle	Shaft Length	Shaft Only
28-300	10" (25.4 cm)	28-306
28-302	14" (35.6 cm)	28-308
28-303	14" (35.6 cm) with teeth	28-309
28-304	16" (40.6 cm)	28-310



28-341

TURRELL BIOPSY FORCEPS with ROTATING SHAFTS, Angled Jaws 4 x 8 mm Bite, With Basket

Complete with Ring Handle	Shaft Length	Shaft Only
28-320	10" (25.4 cm)	28-326
28-322	14" (35.6 cm)	28-328
28-323	14" (35.6 cm) with teeth	28-329
28-324	16" (40.6 cm)	28-330

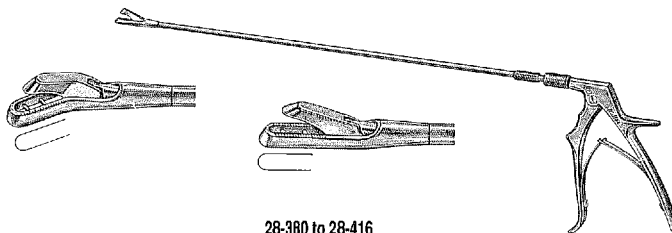
28-340 Ring Handle fitting Yeoman and Turrell Biopsy Forceps Nos. 28-300 to 28-330

28-341 Pistol Grip Handle fitting Yeoman and Turrell Biopsy Forceps Nos. 28-300 to 28-330

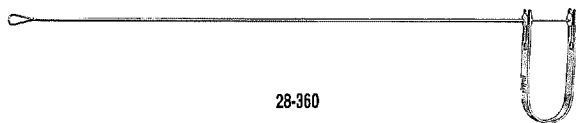
NOTE: All parts of Nos. 28-300 through 28-341 are interchangeable



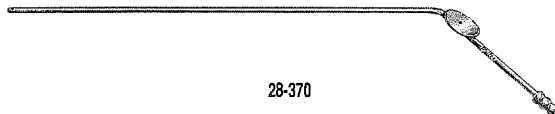
Rectal Instruments



28-380 to 28-416



28-360



28-370

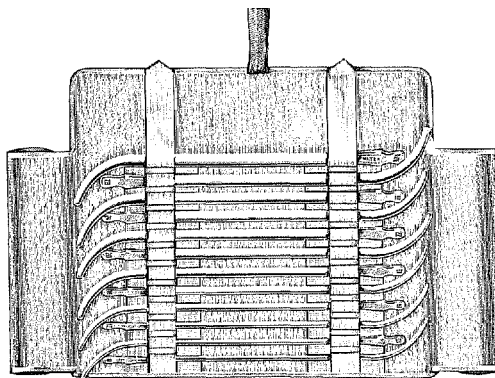
MILTEX IMPROVED BIOPSY FORCEPS with ROTATING SHAFTS in Pistol Grip Spring Handle. Shafts easily disassembled from handle. Constructed without small assembly parts. All shafts and handles are interchangeable.

Complete with Pistol Grip Handle	Shaft Length	Jaws 3.5 x 10 mm Bite	Shaft only
28-380	25.4 cm (10")	straight	28-410
28-382	35.6 cm (14")	straight	28-412
28-384	25.4 cm (10")	angled	28-414
28-386	35.6 cm (14")	angled	28-416

28-400 Pistol Grip Spring Handle for Miltex Improved Biopsy Forceps Nos. 28-380 through 28-416. This handle also fits Uterine Biopsy Forceps Nos. 30-1490 to 30-1495.

28-360 Rectal Cotton Carrier, 15" (38.1 cm) shaft, with spring action

28-370 BUIE Suction Tube 16" (40.6 cm), with finger valve, 15 Fr. (5 mm)



29-2
29-4



29-6



29-8

VAN BUREN URETHRAL SOUNDS 11" (27.9 cm)

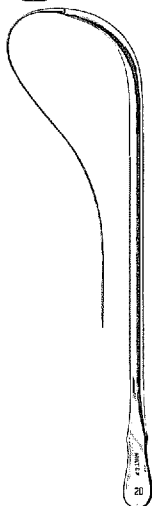
29-2 Set of 6 Sounds in Khaki Roll, even sizes 14 Fr. (4.6 mm) to 24 Fr. (8 mm)

29-4 Set of 12 Sounds in Khaki Roll, even sizes 8 Fr. (2.6 mm) to 30 Fr. (10 mm)

29-6-8	8 Fr. (2.6 mm)	29-6-20	20 Fr. (6.6 mm)	29-6-32	32 Fr. (10.6 mm)
29-6-10	10 Fr. (3.3 mm)	29-6-22	22 Fr. (7.3 mm)	29-6-34	34 Fr. (11.2 mm)
29-6-12	12 Fr. (4 mm)	29-6-24	24 Fr. (8 mm)	29-6-36	36 Fr. (11.9 mm)
29-6-14	14 Fr. (4.6 mm)	29-6-26	26 Fr. (8.6 mm)	29-6-38	38 Fr. (12.5 mm)
29-6-16	16 Fr. (5.3 mm)	29-6-28	28 Fr. (9.2 mm)	29-6-40	40 Fr. (13.2 mm)
29-6-18	18 Fr. (6 mm)	29-6-30	30 Fr. (10 mm)		

DITTEL URETHRAL SOUNDS 11½" (29.2 cm), STRAIGHT

29-8-8	8 Fr. (2.6 mm)	29-8-18	18 Fr. (6 mm)	29-8-28	28 Fr. (9.2 mm)
29-8-10	10 Fr. (3.3 mm)	29-8-20	20 Fr. (6.6 mm)	29-8-30	30 Fr. (9.9 mm)
29-8-12	12 Fr. (4 mm)	29-8-22	22 Fr. (7.3 mm)	29-8-32	32 Fr. (10.6 mm)
29-8-14	14 Fr. (4.6 mm)	29-8-24	24 Fr. (8 mm)	29-8-34	34 Fr. (11.2 mm)
29-8-16	16 Fr. (5.3 mm)	29-8-26	26 Fr. (8.6 mm)		



29-10



29-14



29-18

LEFORT URETHRAL SOUNDS 11" (27.9 cm),
With Standard 1-56 Thread for Filiform (not included)

29-10-8	8 Fr. (2.6 mm)	29-10-20	20 Fr. (6.6 mm)
29-10-10	10 Fr. (3.3 mm)	29-10-22	22 Fr. (7.3 mm)
29-10-12	12 Fr. (4 mm)	29-10-24	24 Fr. (8 mm)
29-10-14	14 Fr. (4.6 mm)	29-10-26	26 Fr. (8.6 mm)
29-10-16	16 Fr. (5.3 mm)	29-10-28	28 Fr. (9.2 mm)
29-10-18	18 Fr. (6 mm)	29-10-30	30 Fr. (10 mm)

McCREA INFANT URETHRAL SOUNDS
7" (17.8 cm) CURVED, PLAIN TIP
Also used as Female Sounds

29-14-8	8 Fr. (2.6 mm)	29-14-24	24 Fr. (8 mm)
29-14-10	10 Fr. (3.3 mm)	29-14-26	26 Fr. (8.6 mm)
29-14-12	12 Fr. (4 mm)	29-14-28	28 Fr. (9.2 mm)
29-14-14	14 Fr. (4.6 mm)	29-14-30	30 Fr. (10 mm)
29-14-16	16 Fr. (5.3 mm)	29-14-32	32 Fr. (10.6 mm)
29-14-18	18 Fr. (6 mm)	29-14-34	34 Fr. (11.2 mm)
29-14-20	20 Fr. (6.6 mm)	29-14-36	36 Fr. (11.9 mm)
29-14-22	22 Fr. (7.3 mm)		

WALTHER URETHRAL SOUNDS 11" (27.9 cm)
Shaft Tapered Downward toward Handle

29-18-16	16 Fr. (5.3 mm)	29-18-28	28 Fr. (9.2 mm)
29-18-18	18 Fr. (6 mm)	29-18-30	30 Fr. (9.9 mm)
29-18-20	20 Fr. (6.6 mm)	29-18-32	32 Fr. (10.6 mm)
29-18-22	22 Fr. (7.3 mm)	29-18-34	34 Fr. (11.2 mm)
29-18-24	24 Fr. (8 mm)	29-18-36	36 Fr. (11.9 mm)
29-18-26	26 Fr. (8.6 mm)		



29-32



29-33

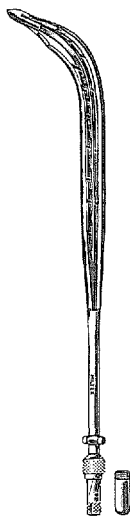
- 29-32-8** Female Catheter 5 $\frac{3}{4}$ " (14.6 cm), Size 8 Fr. (2.6 mm)
- 29-32-10** Female Catheter 5 $\frac{3}{4}$ " (14.6 cm), Size 10 Fr. (3.3 mm)
- 29-32-12** Female Catheter 5 $\frac{3}{4}$ " (14.6 cm), Size 12 Fr. (4 mm)
- 29-32-14** Female Catheter 5 $\frac{3}{4}$ " (14.6 cm), Size 14 Fr. (4.6 mm)
- 29-32-16** Female Catheter 5 $\frac{3}{4}$ " (14.6 cm), Size 16 Fr. (5.3 mm)
- 29-32-18** Female Catheter 5 $\frac{3}{4}$ " (14.6 cm), Size 18 Fr. (6 mm)

WALTHER FEMALE DILATOR-CATHETERS 5 $\frac{1}{4}$ " (13.3 cm)

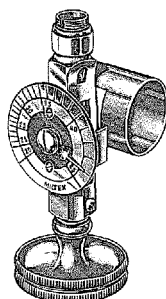
29-33-12 12 Fr. (4 mm)	29-33-22 22 Fr. (7.3 mm)	29-33-32 32 Fr. (10.6 mm)
29-33-14 14 Fr. (4.6 mm)	29-33-24 24 Fr. (8 mm)	29-33-34 34 Fr. (11.2 mm)
29-33-16 16 Fr. (5.3 mm)	29-33-26 26 Fr. (8.6 mm)	29-33-36 36 Fr. (11.9 mm)
29-33-18 18 Fr. (6 mm)	29-33-28 28 Fr. (9.2 mm)	29-33-38 38 Fr. (12.5 mm)
29-33-20 20 Fr. (6.6 mm)	29-33-30 30 Fr. (10 mm)	



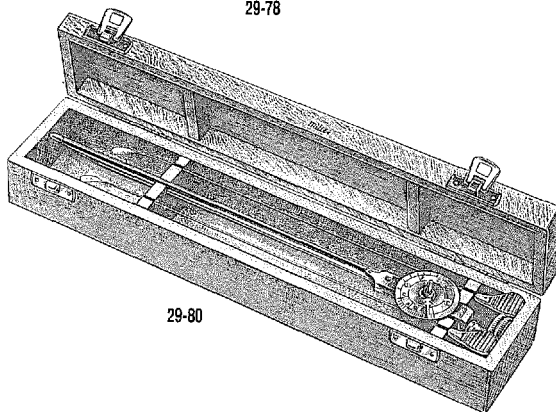
29-48



29-72

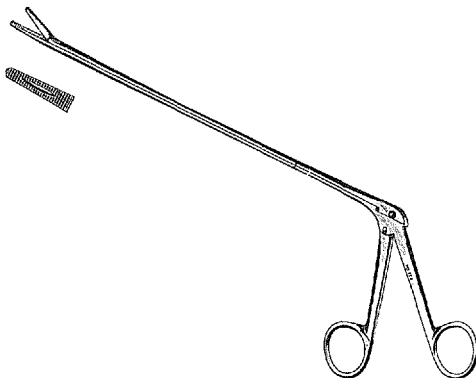


29-78

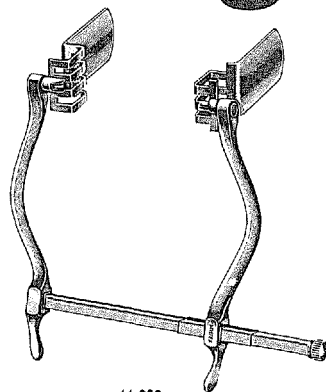


29-80

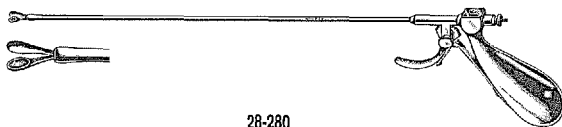
- 29-48** VAN BUREN Catheter Guide 17" (43.2 cm), size 8 Fr. (2.6 mm)
- 29-72** KOLLMANN Urethral Dilator 10" (25.4 cm), curved, dilates from 20 Fr. (6.6 mm) to 45 Fr. (14.9 mm), uses Handle No. 29-78
- 29-78** KOLLMANN Dilator Handle, adjustable from 20 Fr. (6.6 mm) to 45 Fr. (14.9 mm), for use with Dilator No. 29-72
- 29-80** OTIS Urethrotome, straight, with 2 knife blades, adjusts from 20 Fr. (6.6 mm) to 45 Fr. (14.9 mm) 11" (27.9 cm) working length. In fitted wooden case
- 29-81** OTIS Urethrotome Replacement Blade



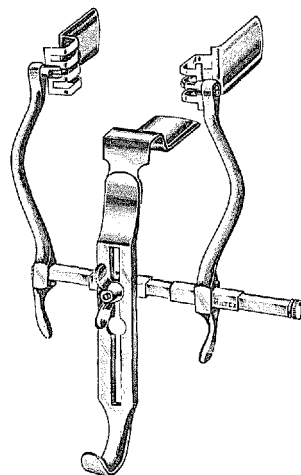
29-102



11-390



28-280



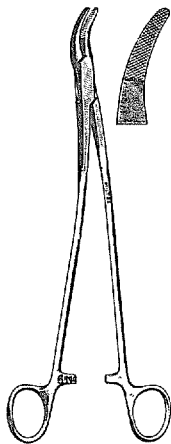
11-392

29-102 MATHIEU Urethral Forceps 11½" (29.2 cm) shaft, serrated jaws
3.5 mm x 17 mm

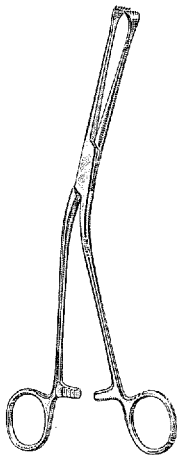
28-280 BRAASCH (BUIE) Bladder Biopsy Forceps 13" (33 cm) shaft,
3.5 mm cup jaws

11-390 MASSON-JUDD Bladder Retractor, with 2 swivel blades
1" (2.5 cm) x 2¾" (7 cm)

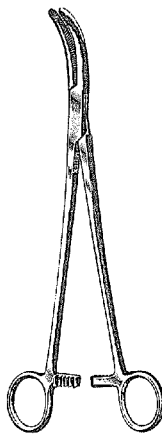
11-392 MASSON-JUDD Bladder Retractor, with 2 swivel blades
and center blade 1" (2.5 cm) x 2¾" (7 cm)



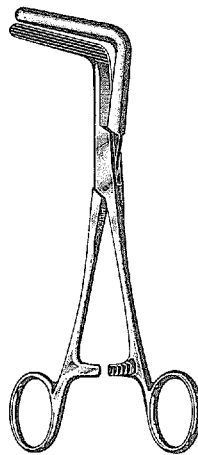
8-102



29-232

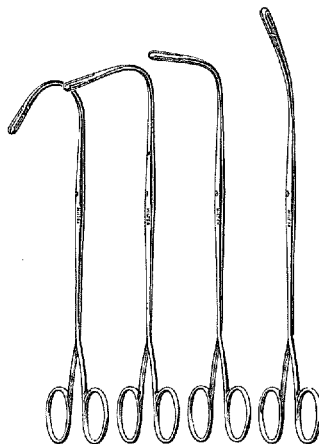


29-280

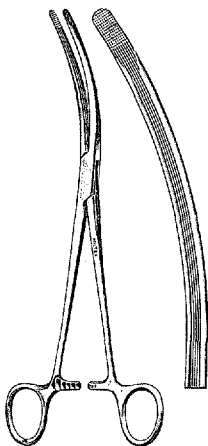


29-282

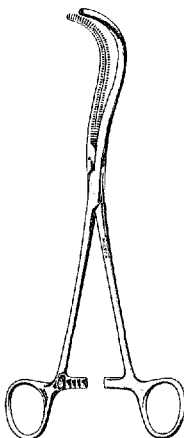
- 8-102** STRATTE Needle Holder 9" (22.9 cm), double curved jaws and bent shanks
- 29-232** MILLIN Capsule Holding Forceps 9½" (24.1 cm), jaws 11 mm wide, 9 x 10 teeth
- 29-280** WERTHEIM Pedicle Clamp 9¾" (24.8 cm), curved jaws 2" (5.1 cm) long
- 29-282** WERTHEIM-CULLEN Pedicle Clamp 8½" (21.6 cm), right angle jaws 2" (5.1 cm) long
- 29-284** RANDALL Kidney Stone Forceps 9¼" (23.5 cm), quarter curved
- 29-286** RANDALL Kidney Stone Forceps 8¼" (21 cm), half curved
- 29-288** RANDALL Kidney Stone Forceps 7¾" (19.7 cm), three quarter curved
- 29-290** RANDALL Kidney Stone Forceps 7½" (19.1 cm), full curved



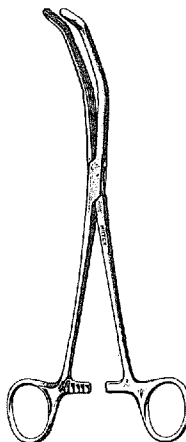
29-284 to 29-290



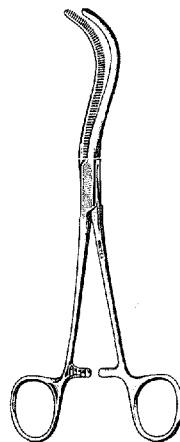
29-300



29-302

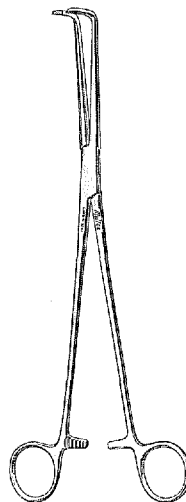


29-304

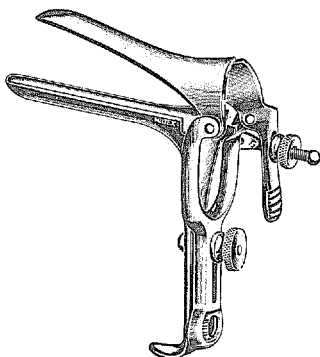


29-308

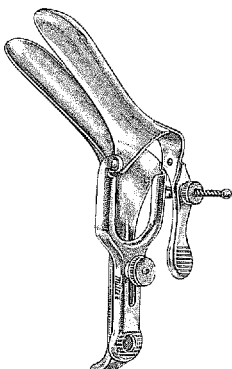
- 29-300** YOUNG Renal Pedicle Clamp 9" (22.9 cm), curved, longitudinal serrations with cross serrations at tip
- 29-302** STILLE Pattern Vessel Clamp 9" (22.9 cm)
- 29-304** HERRICK Kidney Pedicle Clamp 9½" (24.1 cm), double angle jaws, serrated
- 29-308** MAYO (GUYON) Vessel Clamp 9¼" (23.5 cm), double curved jaws, serrated
- 29-310TC** BIHRLE Dorsal Clamp – Tungsten Carbide Needle Holder 11" (27.9 cm). Designed to aid in the fixation and suturing of the dorsal vein complex during retropubic prostatectomy for prostate cancer during cystectomy.



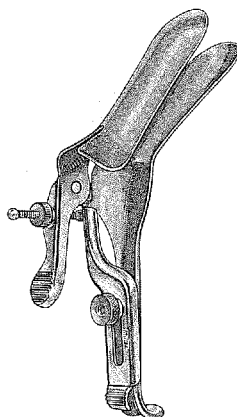
29-310TC



30-10 to 30-20



30-25



30-30

GRAVES VAGINAL SPECULA, ORIGINAL MODEL

30-10 Small Size, $\frac{3}{4}$ " (1.9 cm) x 3" (7.6 cm)

30-15 Medium Size $1\frac{1}{8}$ " (3.5 cm) x 4" (10.2 cm)

30-20 Large Size $1\frac{1}{2}$ " (3.8 cm) x $4\frac{1}{2}$ " (11.4 cm)

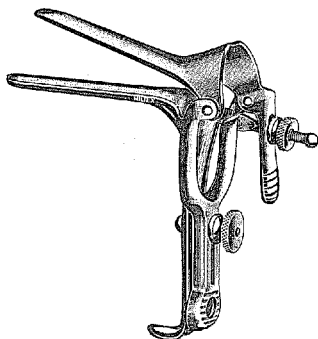
30-10B GRAVES Vaginal Speculum, Small Size $\frac{3}{4}$ " (1.9 cm) x 3" (7.6 cm), ebony finish

30-15B GRAVES Vaginal Speculum, Medium Size $1\frac{1}{8}$ " (3.5 cm) x 4" (10.2 cm), ebony finish

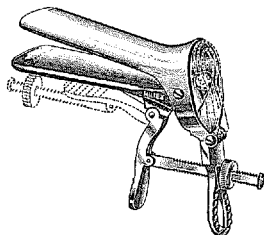
30-20B GRAVES Vaginal Speculum, Large Size $1\frac{1}{2}$ " (3.8 cm) x $4\frac{1}{2}$ " (11.4 cm), ebony finish

30-25 GRAVES Improved Vaginal Speculum, Medium Size $1\frac{1}{8}$ " (3.5 cm) x 4" (10.2 cm), wide angle blades

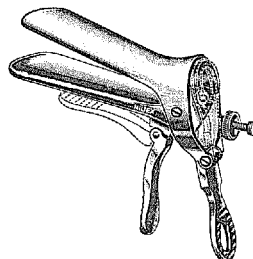
30-30 GRAVES Open Side Vaginal Speculum, Medium Size $1\frac{1}{8}$ " (3.5 cm) x 4" (10.2 cm), wide angle blades



30-50 to 30-62



30-75 to 30-85



30-70
30-90 to 30-100

PEDERSON VAGINAL SPECULA, NARROW BLADES

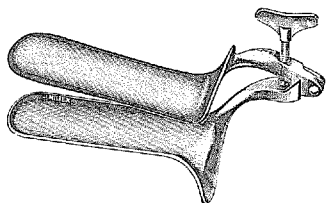
30-50	Small Size,	$\frac{1}{2}$ " (1.3 cm) x 3" (7.6 cm)
30-55	Medium Size	$\frac{7}{8}$ " (2.2 cm) x 4" (10.2 cm)
30-60	Large Size	1" (2.5 cm) x 4 $\frac{1}{4}$ " (12.1 cm)
30-62	PEDERSON Extra Narrow Vaginal Speculum $\frac{5}{8}$ " (1.6 cm) x 4" (10.2 cm) blades	

CUSCO VAGINAL SPECULA, with Folding Handles

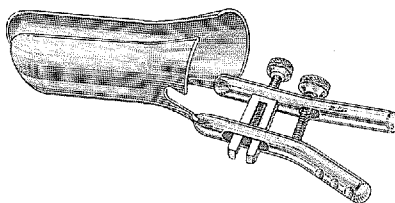
With Center Screw	Blade Sizes	With Side Screw
—	Extra Narrow	$\frac{3}{4}$ " (1.9 cm) x 3 $\frac{1}{4}$ " (8.3 cm)
30-75	Small	1 $\frac{1}{4}$ " (3.2 cm) x 3 $\frac{1}{2}$ " (8.9 cm)
30-80	Medium	1 $\frac{3}{8}$ " (3.5 cm) x 4" (10.2 cm)
30-85	Large	1 $\frac{3}{8}$ " (3.5 cm) x 4 $\frac{1}{2}$ " (11.4 cm)
		30-70
		30-90
		30-95
		30-100



Gynecological and Obstetrical Instruments



30-120 to 30-130



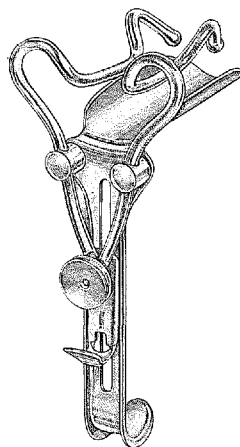
30-140 to 30-142

- 30-120 COLLIN Vaginal Speculum, Small Size $1\frac{1}{4}"$ (3.2 cm) x $3\frac{3}{4}"$ (9.5 cm)
- 30-125 COLLIN Vaginal Speculum, Medium Size $1\frac{1}{2}"$ (3.5 cm) x 4" (10.2 cm)
- 30-130 COLLIN Vaginal Speculum, Large Size $1\frac{5}{8}"$ (4.1 cm) x $4\frac{1}{2}"$ (11.4 cm)

DeVILBISS Vaginal Specula

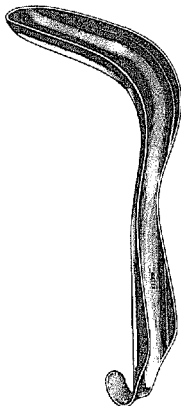
Two sets of screws permit parallel, or bivalve opening of the blades, for examination or operative use

- 30-140 Small Size, $3\frac{1}{2}"$ (8.9 cm) x $\frac{7}{8}"$ (2.2 cm) blades
- 30-141 Medium Size, 4" (10.2 cm) x $1\frac{1}{4}"$ (3.2 cm) blades
- 30-142 Large Size, 5" (12.7 cm) x $1\frac{5}{8}"$ (3.5 cm) blades
- 30-180 GUTMANN Vaginal Speculum, Examining Type, $1\frac{1}{2}"$ (3.5 cm) x 4" (10.2 cm), self-retaining

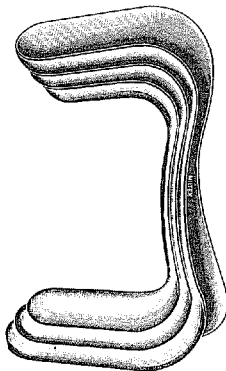


30-180

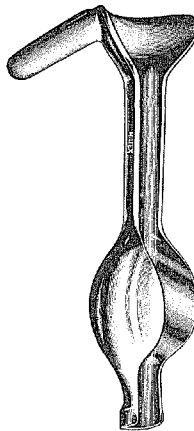
Gynecological and Obstetrical Instruments



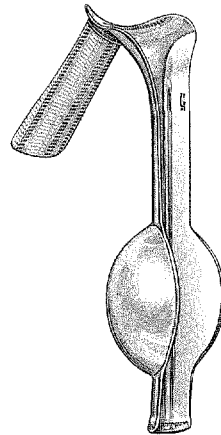
30-174 to 30-178



30-210 to 30-220



30-186 to 30-188



30-193

30-174 SIMS Vaginal Speculum, Single End, Small Size $1\frac{1}{16}$ " (2.7 cm) x $2\frac{1}{2}$ " (6.4 cm)

30-176 SIMS Vaginal Speculum, Single End, Medium Size $1\frac{1}{4}$ " (3.2 cm) x 3" (7.6 cm)

30-178 SIMS Vaginal Speculum, Single End, Large Size $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{2}$ " (8.9 cm)

30-210 SIMS Vaginal Speculum, Double End, Small Size 1" (2.5 cm) x $2\frac{1}{2}$ " (6.4 cm) and $1\frac{1}{4}$ " (3.2 cm) x 3" (7.6 cm)

30-215 SIMS Vaginal Speculum, Double End, Medium Size $1\frac{1}{8}$ " (2.8 cm) x 3" (7.6 cm) and $1\frac{1}{4}$ " (3.2 cm) x $3\frac{1}{2}$ " (8.9 cm)

30-220 SIMS Vaginal Speculum, Double End, Large Size $1\frac{3}{8}$ " (3.5 cm) x $3\frac{1}{2}$ " (8.9 cm) and $1\frac{1}{2}$ " (3.8 cm) x 4" (10.2 cm)

AUVARD WEIGHTED VAGINAL SPECULA 9" (22.9 cm)

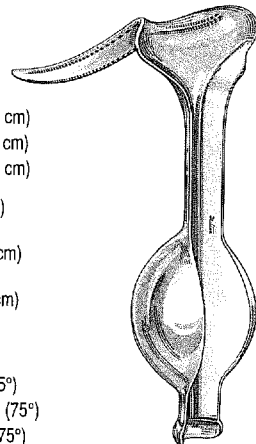
30-186 2 lbs. (909 g), straight blade $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{4}$ " (8.3 cm), slightly angled (75°)

30-187 2.5 lbs. (1136 g), straight blade $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{4}$ " (8.3 cm), slightly angled (75°)

30-188 3 lbs. (1363 g), straight blade $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{4}$ " (8.3 cm), slightly angled (75°)

30-193 2.5 lbs. (1136 g), blade 4" (10.2 cm) long x $1\frac{1}{8}$ " (3.8 cm) wide, tapering to $1\frac{1}{4}$ " (4.4 cm) width at tip, blade at acute angle (45°)

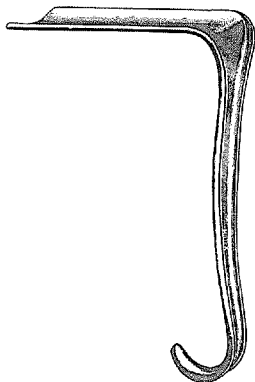
30-195 STEINER-AUVARD weighted Vaginal Speculum, 2.5 lbs. (1136 g), slightly curved blade $5\frac{1}{2}$ " (14 cm) x $1\frac{1}{4}$ " (3.2 cm), at 90° angle



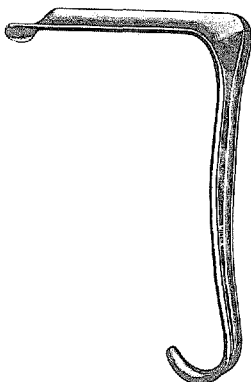
30-195



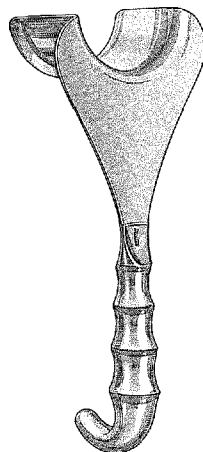
Gynecological and Obstetrical Instruments



30-300 to 30-310

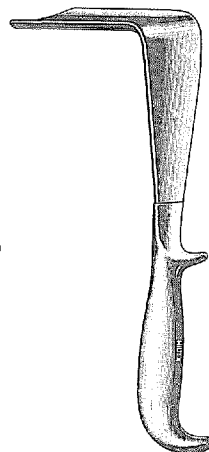


30-320 to 30-330

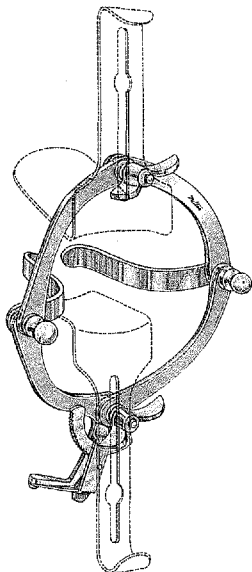


30-340

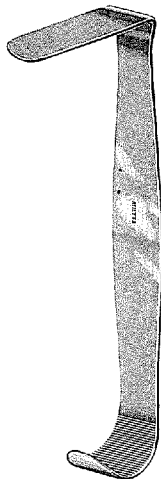
- 30-300** JACKSON Vaginal Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3" (7.6 cm)
30-305 JACKSON Vaginal Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3½" (8.9 cm)
30-310 JACKSON Vaginal Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 4" (10.2 cm)
30-320 EASTMAN Vaginal Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3" (7.6 cm)
30-325 EASTMAN Vaginal Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3½" (8.9 cm)
30-330 EASTMAN Vaginal Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 4" (10.2 cm)
30-340 DE LEE Universal Retractor 9½" (24.1 cm), Blade 2¾" (7 cm) x 2" (5.1 cm)
30-395 DOYEN Vaginal Retractor 9" (22.9 cm), Blade 1¾" (4.4 cm) x 2½" (6.4 cm)
30-406 DOYEN Vaginal Retractor 9" (22.9 cm), Blade 2½" (5.4 cm) x 3" (7.6 cm)
30-415 DOYEN Vaginal Retractor 9" (22.9 cm), Blade 2¼" (5.7 cm) x 3½" (8.9 cm)



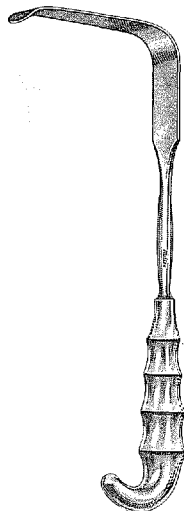
30-395 to 30-415



30-370

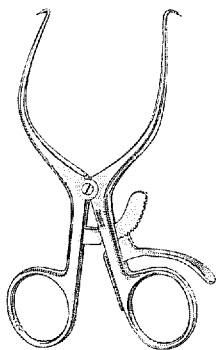


11-180 to 11-184

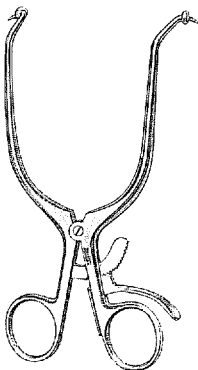


11-185

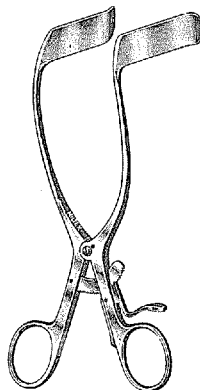
- 30-370** O'SULLIVAN-O'CONNOR Self-Retaining Vaginal Retractor, complete with 3 interchangeable blades $\frac{1}{2}$ " (1.3 cm) x $1\frac{1}{8}$ " (4.7 cm), $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{2}$ " (8.9 cm) and $1\frac{3}{4}$ " (4.4 cm) x $3\frac{1}{2}$ " (8.9 cm)
- 11-180** HEANEY Hysterectomy Retractor $10\frac{1}{2}$ " (26.7 cm), Blade 1" (2.5 cm) x $1\frac{1}{4}$ " (4.4 cm)
- 11-182** HEANEY Hysterectomy Retractor $10\frac{1}{2}$ " (26.7 cm), Blade $1\frac{1}{8}$ " (2.8 cm) x $2\frac{1}{8}$ " (7.3 cm)
- 11-184** HEANEY Hysterectomy Retractor $10\frac{1}{2}$ " (26.7 cm), Blade $1\frac{1}{8}$ " (2.8 cm) x $3\frac{1}{4}$ " (8.3 cm)
- 11-185** HEANEY-SIMON Vaginal Retractor $11\frac{1}{2}$ " (29.2 cm), Blade 1" (2.5 cm) x $4\frac{1}{2}$ " (11.4 cm)



11-365
11-366

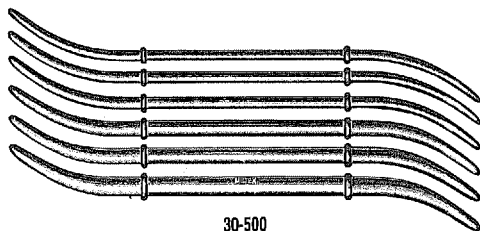


11-368



11-374

- 11-365 Pediatric GELPI Perineal Retractor 5½" (14 cm), with grip-lock
- 11-366 GELPI Perineal Retractor 6¾" (17.1 cm), with grip-lock
- 11-368 GELPI Perineal Retractor 6¾" (17.1 cm), with ball stops and grip-lock
- 11-374 RIGBY Vaginal Retractor 6¾" (17.1 cm), with grip-lock



30-500
30-505



30-515 to 30-530

HANK UTERINE DILATORS 11" (27.9 CM), DOUBLE END

30-500 Set of 6 Dilators in Khaki Roll, Sizes 11-12, (3.6-4 mm), 13-14 (4.3-4.6 mm), 15-16 (5-5.3 mm), 17-18 (5.6-6 mm), 19-20 (6.3-6.6 mm), and 21-22 (7-7.3 mm) French

30-505-78	7-8 Fr. (2.3-2.6 mm)	30-505-1516	15-16 Fr. (5-5.3 mm)	30-505-2324	23-24 Fr. (7.6-8 mm)
30-505-910	9-10 Fr. (3-3.3 mm)	30-505-1718	17-18 Fr. (5.6-6 mm)	30-505-2526	25-26 Fr. (8.3-8.6 mm)
30-505-1112	11-12 Fr. (3.6-4 mm)	30-505-1920	19-20 Fr. (6.3-6.6 mm)	30-505-2728	27-28 Fr. (8.9-9.2 mm)
30-505-1314	13-14 Fr. (4.3-4.6 mm)	30-505-2122	21-22 Fr. (7-7.3 mm)	30-505-2930	29-30 Fr. (9.6-10 mm)

HEGAR UTERINE DILATORS 7" (17.8 cm), SINGLE END

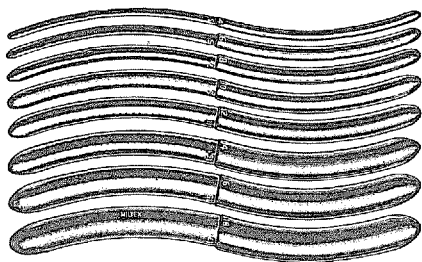
30-515 Set of 14 Dilators in Khaki Roll, Sizes 4 to 17 mm

30-520 Set of 26 Dilators in Khaki Roll, Sizes 1 to 26 mm

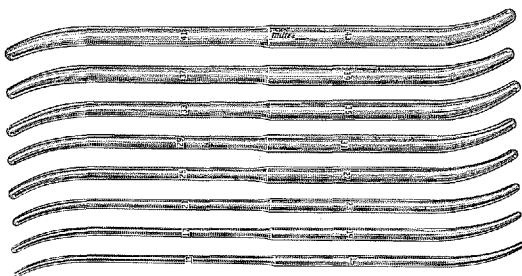
30-530-1	1 mm	30-530-85	8.5 mm	30-530-16	16 mm
30-530-15	1.5 mm	30-530-9	9 mm	30-530-165	16.5 mm
30-530-2	2 mm	30-530-95	9.5 mm	30-530-17	17 mm
30-530-25	2.5 mm	30-530-10	10 mm	30-530-175	17.5 mm
30-530-3	3 mm	30-530-105	10.5 mm	30-530-18	18 mm
30-530-35	3.5 mm	30-530-11	11 mm	30-530-185	18.5 mm
30-530-4	4 mm	30-530-115	11.5 mm	30-530-19	19 mm
30-530-45	4.5 mm	30-530-12	12 mm	30-530-20	20 mm
30-530-5	5 mm	30-530-125	12.5 mm	30-530-21	21 mm
30-530-55	5.5 mm	30-530-13	13 mm	30-530-22	22 mm
30-530-6	6 mm	30-530-135	13.5 mm	30-530-23	23 mm
30-530-65	6.5 mm	30-530-14	14 mm	30-530-24	24 mm
30-530-7	7 mm	30-530-145	14.5 mm	30-530-250	25 mm
30-530-75	7.5 mm	30-530-150	15 mm	30-530-26	26 mm
30-530-8	8 mm	30-530-155	15.5 mm		



Gynecological and Obstetrical Instruments



30-550
30-555



30-560
30-561

HEGAR UTERINE DILATORS 7½" (19.1 cm), DOUBLE END

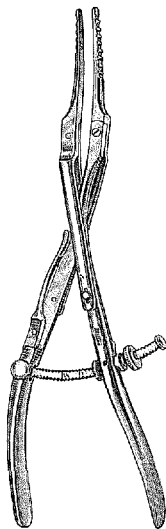
30-550 Set of 8 Dilators in Khaki Roll, sizes 3-5 mm to 17-18 mm

30-555-34	3-4 mm	30-555-1112	11-12 mm
30-555-56	5-6 mm	30-555-1314	13-14 mm
30-555-78	7-8 mm	30-555-1516	15-16 mm
30-555-910	9-10 mm	30-555-1718	17-18 mm

PRATT UTERINE DILATORS 11½" (29.2 cm), DOUBLE END

30-561 Set of 8 Dilators in Khaki Roll, sizes 13-15 Fr. (4.3-5 mm)
to 41-43 Fr. (13.5-14.2 mm)

30-560-1315	13-15 Fr. (4.3-4.6 mm)	30-560-2931	29-31 Fr. (9.6-10.2 mm)
30-560-1719	17-19 Fr. (5.6-6.3 mm)	30-560-3335	33-35 Fr. (10.9-11.6 mm)
30-560-2123	21-23 Fr. (7-7.6 mm)	30-560-3739	37-39 Fr. (12.2-12.9 mm)
30-560-2527	25-27 Fr. (8.3-9 mm)	30-560-4143	41-43 Fr. (13.5-14.2 mm)



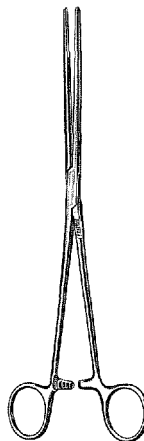
30-620
30-625



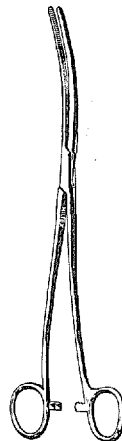
30-650



30-655



7-620



7-622

30-620 GOODELL Uterine Dilator 13" (33 cm), Large Model, with gauge and corrugated blades

30-625 GOODELL Uterine Dilator 11" (27.9 cm), Small Model, with gauge and corrugated blades

30-650 SIMS Uterine Sound 13" (33 cm), graduated in cm, malleable, silver plated

30-655 SIMPSON Uterine Sound 13" (33 cm), graduated in inches, malleable, silver plated

7-620 BOZEMAN Uterine Dressing Forceps 10½" (26.7 cm), straight

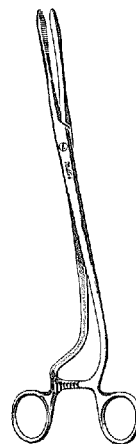
7-622 BOZEMAN Uterine Dressing Forceps 10½" (26.7 cm), double curved, standard model

7-624 BOZEMAN Uterine Dressing Forceps 10½" (26.7 cm), double curved, with one large finger ring

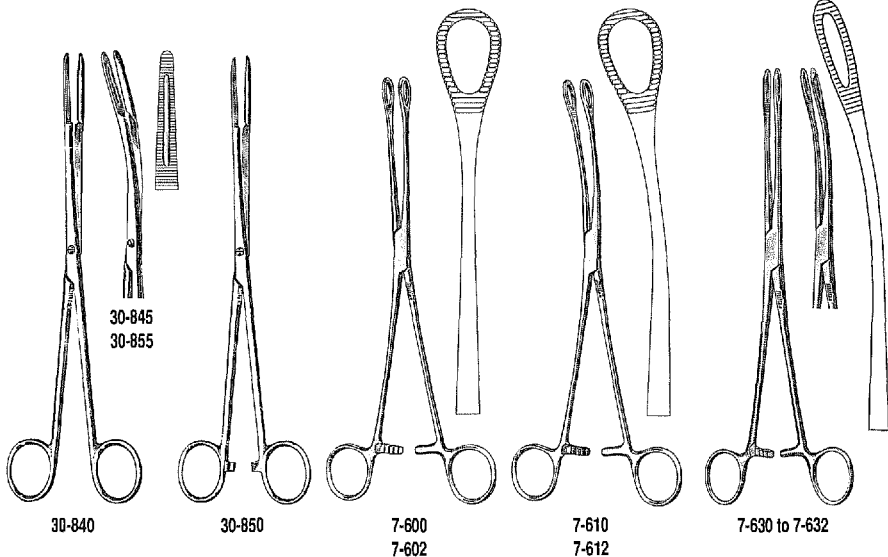
30-835 CHERON Uterine Dressing Forceps 10½" (26.7 cm), rings angled sideways, serrated jaws 8 x 25 mm



7-624



30-835



MAIER UTERINE DRESSING FORCEPS 10" (25.4 cm)

Serrated Jaws 5 x 30 mm

Without Ratchet

30-840

30-845

Straight

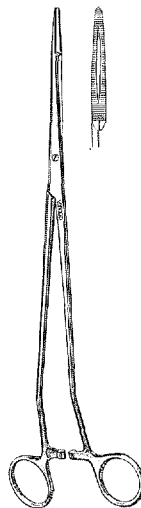
Curved

With Ratchet

30-850

30-855

- 7-600** FOERSTER Sponge Forceps 9½" (24.1 cm), straight, serrated jaws
- 7-602** FOERSTER Sponge Forceps 9½" (24.1 cm), straight, smooth jaws
- 7-610** FOERSTER Sponge Forceps 9½" (24.1 cm), curved, serrated jaws
- 7-612** FOERSTER Sponge Forceps 9½" (24.1 cm), curved, smooth jaws
- 7-630** FLETCHER Cervix Holding Forceps 9½" (24.1 cm), straight, serrated jaws
- 7-632** FLETCHER Cervix Holding Forceps 9½" (24.1 cm), curved, serrated jaws
(This instrument can also be used as a polyp forceps.)
- V930-996** VANTAGE Polyp Forceps 10½" (26.7 cm), angled shanks, delicate narrow jaws

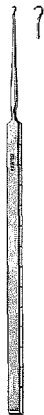


V930-996

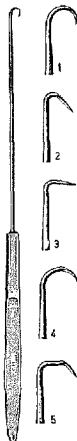
Gynecological and Obstetrical Instruments



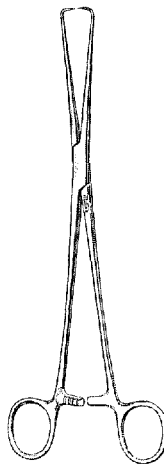
30-940



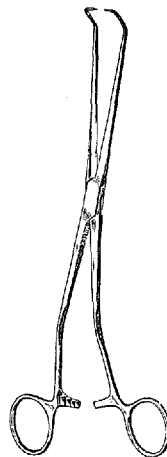
30-950



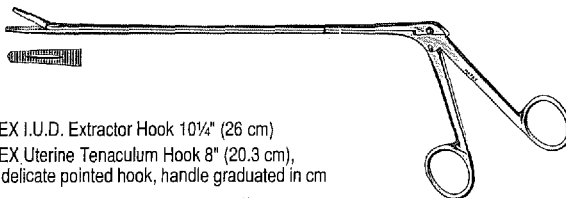
30-951 to 30-955



30-965



30-970



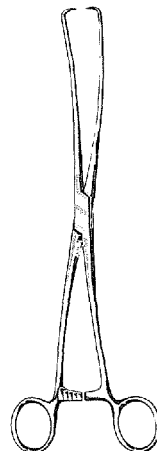
29-102

- 30-940** MILTEX I.U.D. Extractor Hook 10¼" (26 cm)
30-950 MILTEX Uterine Tenaculum Hook 8" (20.3 cm),
 extra delicate pointed hook, handle graduated in cm

EMMETT UTERINE TENACULUM HOOKS
 9" (22.9 cm), Sharp Points

30-951 Style 1 Half-Curved, small	30-954 Style 4 Half-Curved, large
30-952 Style 2 Acute Angle	30-955 Style 5 Double Angle
30-953 Style 3 Right Angle	

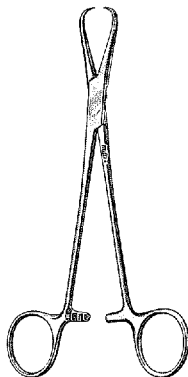
- 30-965** SCHROEDER-BRAUN Uterine Tenaculum Forceps 9¾" (24.8 cm), straight
30-970 KAHN Uterine Tenaculum Forceps 9½" (24.1 cm), angled jaws and bent shanks
29-102 MATHIEU I.U.D. Removal Forceps 11½" (29.2 cm) shaft, serrated jaws
 3.5 mm x 17 mm
30-975 DUPLAY Uterine Tenaculum Forceps 11" (27.9 cm), double curved



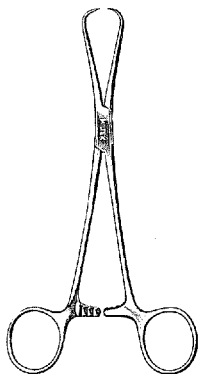
30-975



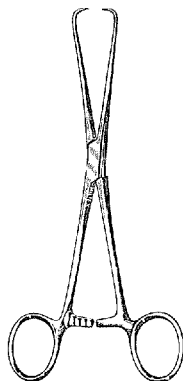
Gynecological and Obstetrical Instruments



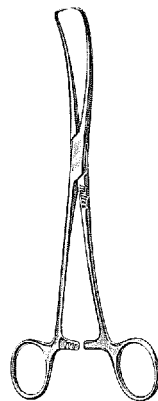
16-51



28-200

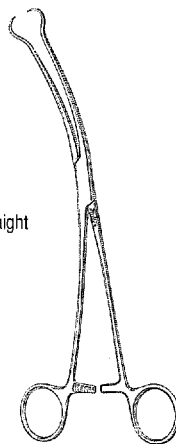


30-985

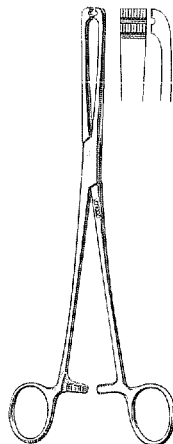


30-988

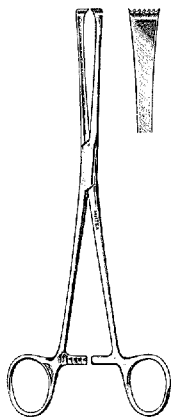
- 16-51 ADAIR Breast or Uterine Tenaculum Forceps
6½" (16.5 cm), straight
- 28-200 STAUE-MOORE (FERGUSON) Tenaculum Forceps
6¾" (17.1 cm), straight
- 30-985 BARRETT Uterine Tenaculum Forceps 7¼" (18.4 cm), straight
- 30-988 JARCHO Uterine Tenaculum Forceps 8" (20.3 cm),
double curved
- 30-990 SKENE Uterine Tenaculum Forceps 9½" (24.1 cm),
curved on side
- V930-856 VANTAGE Atraumatic Tenaculum Forceps 9" (22.9 cm),
straight, ¼" (.64 cm) jaws



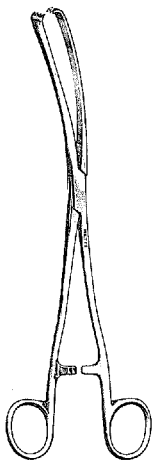
30-990



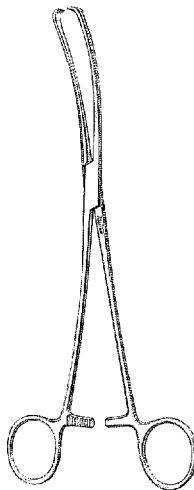
V930-856



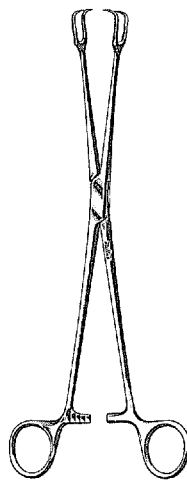
16-38



30-997



30-998



30-1000

16-38 THOMS-ALLIS Vulsellum Forceps 8" (20.3 cm),
6 x 7 teeth

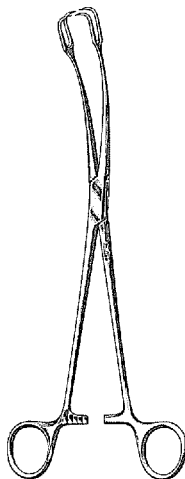
30-997 TEALE Vulsellum Forceps 10" (25.4 cm),
curved sideways, 3 x 4 teeth, 5 mm wide

30-998 KELLY Vulsellum Forceps 9 1/4" (23.5 cm),
curved sideways, 4 x 5 teeth, 7.7 mm wide

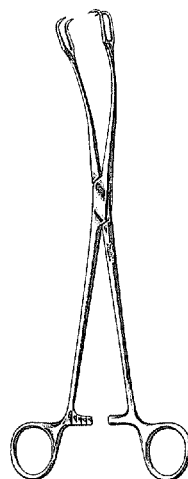
30-1000 SCHROEDER Uterine Vulsellum Forceps
10" (25.4 cm), straight

30-1005 SCHROEDER Uterine Vulsellum Forceps
10" (25.4 cm), curved on flat

30-1010 SCHROEDER Uterine Vulsellum Forceps
10" (25.4 cm), curved sideways



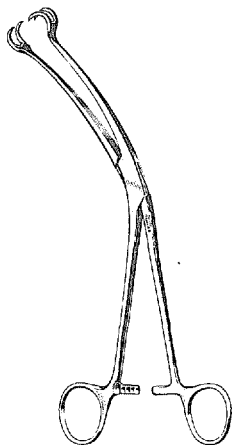
30-1005



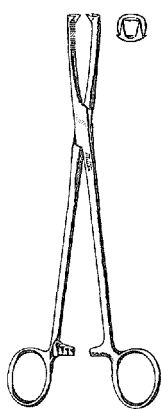
30-1010



Gynecological and Obstetrical Instruments



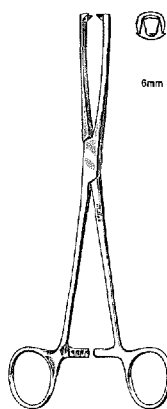
30-1020



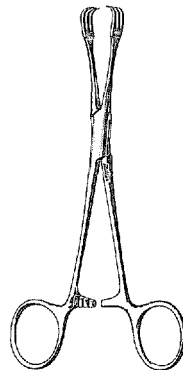
30-1025



30-1030



30-1050



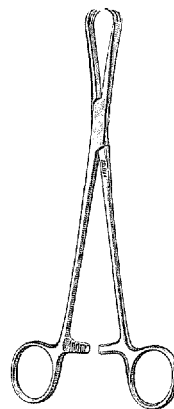
12-80

- 30-1020** SKENE Uterine Vulsellum Forceps 9½" (24.1 cm), curved sideways
- 30-1025** JACOBS Uterine Vulsellum Forceps 8½" (21.6 cm), straight, serrated jaws 2 x 2 teeth
- 30-1030** JACOBS Uterine Vulsellum Forceps 8½" (21.6 cm), curved sideways, serrated jaws 2 x 2 teeth

MUSEUX UTERINE VULSELLUM FORCEPS

Straight	Jaw Width
30-1050-6	6 mm
30-1050-8	8 mm
30-1050-10	10 mm

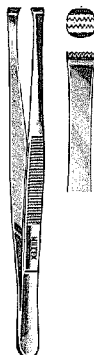
- 12-80** M.G.H. (Lahey) Forceps 6¼" (15.9 cm), 3 x 3 teeth, straight
- 30-1077** GORDON Uterine Vulsellum Forceps 9" (22.9 cm), straight, heavy pattern, 3 x 3 teeth



30-1077



6-128



6-134
6-136



6-204

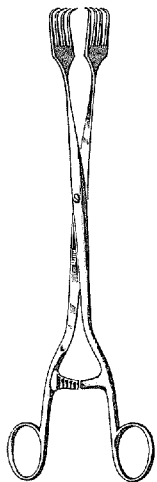


6-142 to 6-145

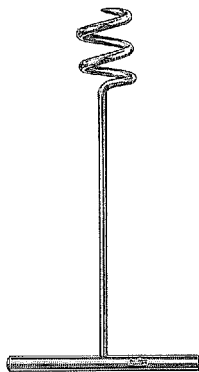


6-210

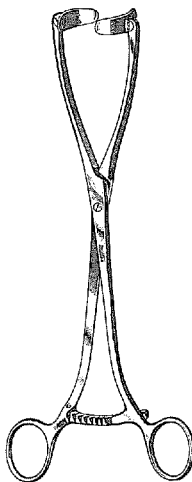
- 6-128 HEANEY Tissue Forceps 5½" (14 cm), broad handles, 2 x 3 teeth and cross serrated tips
- 6-134 MARTIN Tissue Forceps 6" (15.2 cm), 7 x 8 teeth
- 6-136 MARTIN Tissue Forceps 7½" (19.1 cm), 7 x 8 teeth
- 6-204 KELLY Tissue Forceps 9" (22.9 cm), 3 x 4 teeth, slotted serrated handles
- 6-142 RUSSIAN Tissue Forceps 6" (15.2 cm)
- 6-144 RUSSIAN Tissue Forceps 8" (20.3 cm)
- 6-145 RUSSIAN Tissue Forceps 10" (25.4 cm)
- 6-210 MAYO-RUSSIAN Tissue Forceps 9" (22.9 cm), fenestrated jaws, slotted grooved handles



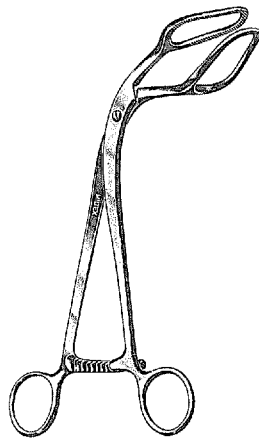
30-1150



30-1160



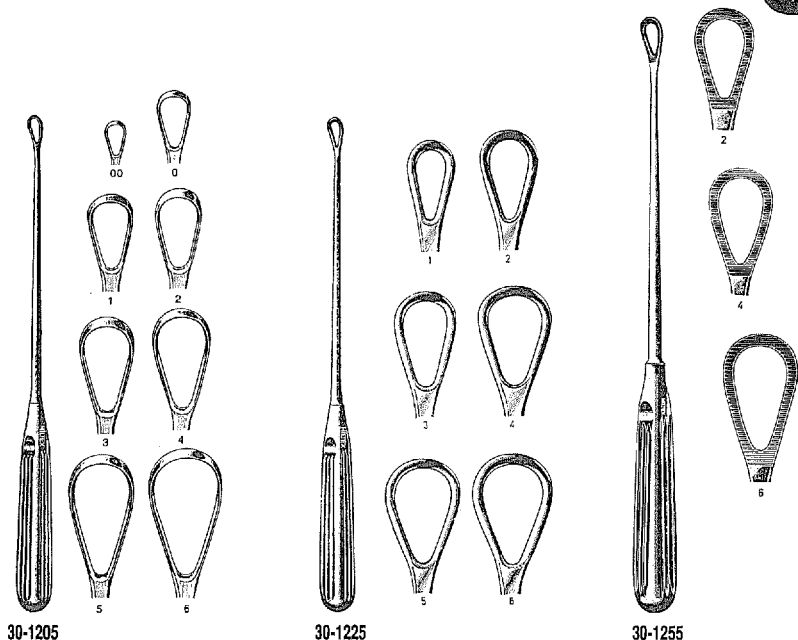
30-1185



30-1190

30-1150	BILLROTH Tumor Forceps 11" (27.9 cm), 4 x 4 prongs
30-1160	DOYEN Tumor Screw 6 $\frac{3}{4}$ " (17.1 cm), screw diameter 1" (2.5 cm)
30-1185	COLLIN (BUXTON) Uterine Forceps 10 $\frac{1}{2}$ " (26.7 cm), swivel jaws
30-1190	SOMER Uterine Elevating Forceps 9" (22.9 cm), curved jaws

Gynecological and Obstetrical Instruments



SIMS UTERINE CURETTES 11" (27.9 cm), Sharp Blades on Malleable Shanks

30-1205-00	Size 00	30-1205-3	Size 3
30-1205-0	Size 0	30-1205-4	Size 4
30-1205-1	Size 1	30-1205-5	Size 5
30-1205-2	Size 2	30-1205-6	Size 6

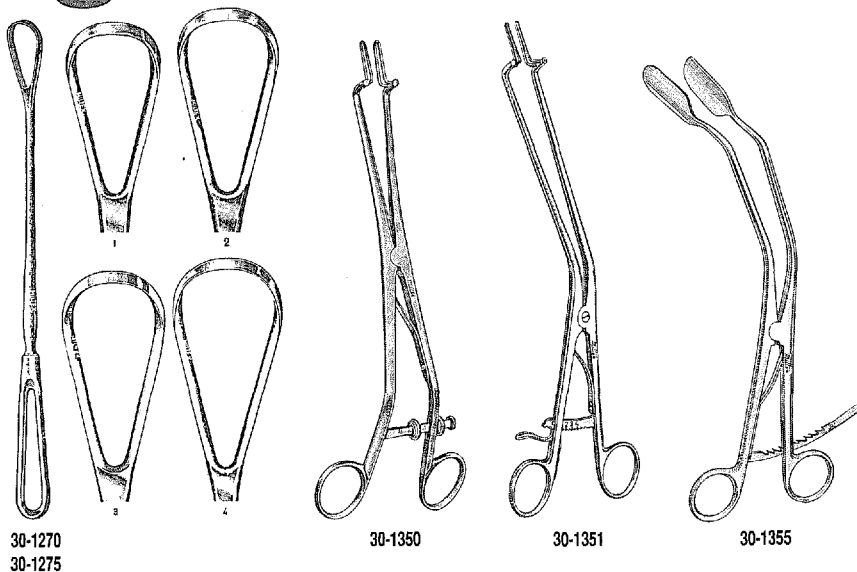
THOMAS UTERINE CURETTES 11" (27.9 cm), Blunt Blades on Malleable Shanks

30-1225-1	Size 1	30-1225-4	Size 4
30-1225-2	Size 2	30-1225-5	Size 5
30-1225-3	Size 3	30-1225-6	Size 6

- 30-1255-2** GREENE Uterine Curette 11" (27.9 cm), Serrated Blunt Blade on Malleable Shank, Size 2
- 30-1255-4** GREENE Uterine Curette 11" (27.9 cm), Serrated Blunt Blade on Malleable Shank, Size 4
- 30-1255-6** GREENE Uterine Curette 11" (27.9 cm), Serrated Blunt Blade on Malleable Shank, Size 6



Gynecological and Obstetrical Instruments



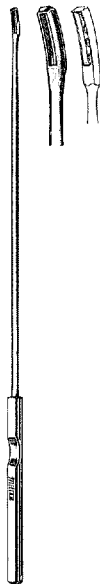
BUMM UTERINE CURETTES 12" (30.5 cm), Extra Large Sizes on Malleable Shanks

	Sharp	Size	Blunt
30-1270-1		1	30-1275-1
30-1270-2		2	—
30-1270-3		3	—
30-1270-4		4	30-1275-4

- 30-1350** KOGAN Endocervical Speculum 9½" (24.1 cm), with gauge and set screw, offset ring handles, fenestrated jaws 7 x 25 mm
- 30-1351** MILTEX-KOGAN Endocervical Speculum 11" (27.9 cm), improved pattern with ratchet and gauge. Extra delicate fenestrated jaws 3 mm wide at tip x 25 mm long
- 30-1355** Lateral Vaginal Retractor 8¼" (21 cm) with extra long thumb ratchet retracts up to a full 2¼" (5.7 cm) for an extra wide viewing area.



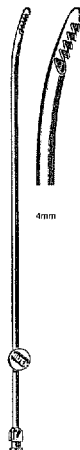
30-1380



30-1382
30-1383



30-1385

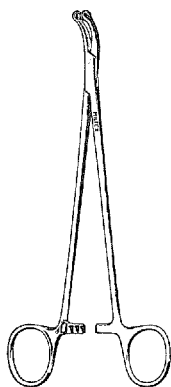


30-1390 to 30-1392

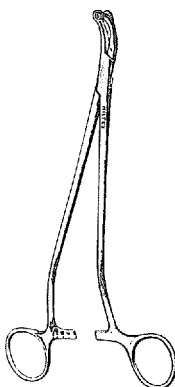


30-1395

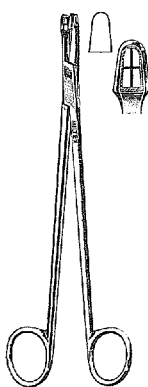
- 30-1380 SIMS Uterine Biopsy Curette 10" (25.4 cm), extra small sharp loop, outside meas. 2.5 x 5 mm
- 30-1382 KEVORKIAN-YOUNGE Endocervical Biopsy Curette 12" (30.5 cm), loop size 3 x 12 mm, with basket
- 30-1383 KEVORKIAN-YOUNGE Endocervical Biopsy Curette 12" (30.5 cm), loop size 3 x 12 mm, without basket
- 30-1385 HEANEY Uterine Biopsy Curette 9" (22.9 cm), serrated loop
- 30-1390 NOVAK Endometrial Suction Biopsy Curette 9 3/4" (24.8 cm), with Luer hub, 4 mm dia., standard 12 Fr. size
- 30-1391 NOVAK Endometrial Suction Biopsy Curette 9 3/4" (24.8 cm), with Luer hub, 2 mm dia., extra delicate
- 30-1392 NOVAK Endometrial Suction Biopsy Curette 9 3/4" (24.8 cm), with Luer hub, 3 mm dia., delicate
- 30-1395 RANDALL Endometrial Suction Biopsy Curette 9 3/4" (24.8 cm), with Luer hub, 4 mm dia.



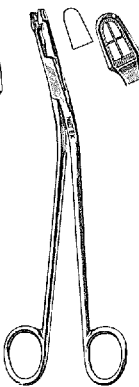
30-1400



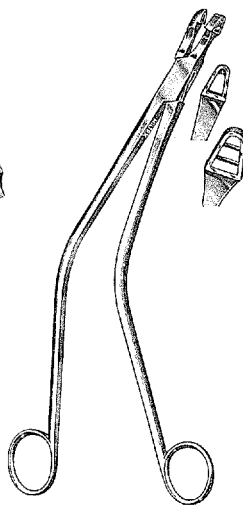
30-1405
30-1410



30-1420



30-1425



30-1430

30-1400 GAYLOR Uterine Biopsy Forceps 8½" (21.6 cm), straight shanks, curved jaws, 5 mm bite, interfitted cups

30-1405 THOMS-GAYLOR Uterine Biopsy Forceps 8½" (21.6 cm), angled shanks, curved jaws, 5 mm bite, interfitted cups

30-1410 THOMS-GAYLOR Uterine Biopsy Forceps 9½" (24.1 cm), angled shanks, curved jaws, 5 mm bite, interfitted cups

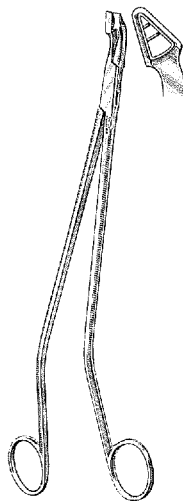
30-1420 SCHUBERT Uterine Biopsy Forceps 8½" (21.6 cm), straight

30-1425 SCHUBERT Uterine Biopsy Forceps 8½" (21.6 cm), curved

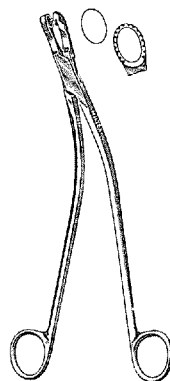
30-1430 SCHUBERT Uterine Biopsy Forceps 11" (27.9 cm), angled shanks

30-1435 SCHUBERT Uterine Biopsy Forceps 11" (27.9 cm), S-shape, triangular bite

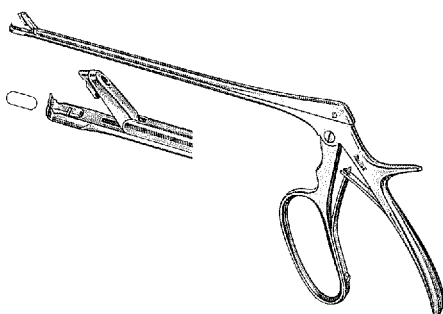
30-1440 GELLHORN Uterine Biopsy Forceps 9½" (24.1 cm), curved, oval bite, 5 x 8 mm



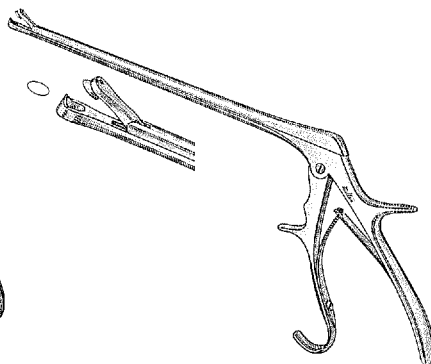
30-1435



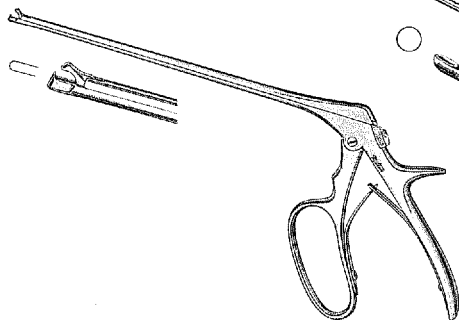
30-1440



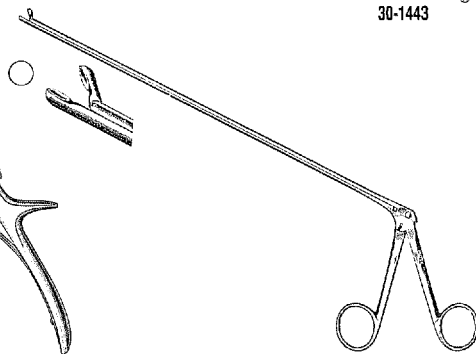
30-1442



30-1443



30-1445

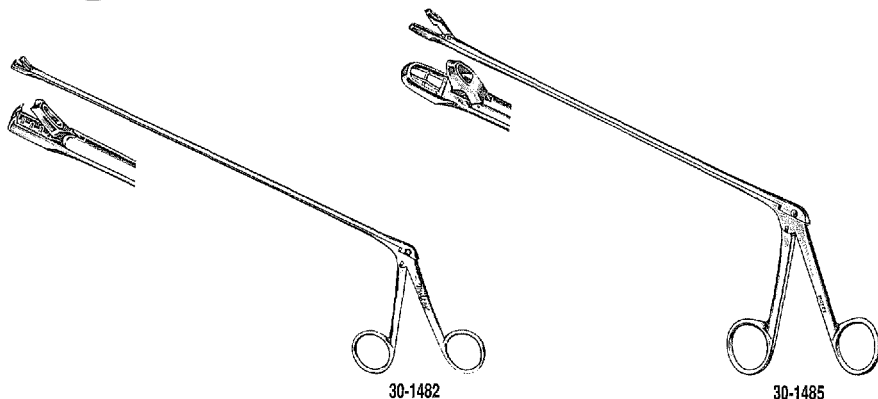


30-1480

- 30-1442** TISCHLER Cervical Biopsy Punch Forceps 9¾" (24.8 cm) shaft, 6 x 3 x 1.5 mm bite
- 30-1443** BURKE (Modified Baby TISCHLER) Cervical Biopsy Punch Forceps 7¾" (19.7 cm) shaft, 4.5 x 3 x 1.5 mm bite
- 30-1445** TOWNSEND 'Mini-bite' Cervical Biopsy Punch Forceps 7½" (19.1 cm) shaft, 4.2 x 2.3 x 1 mm bite with locking mechanism
- 30-1480** MILTEX Cup Jaw Uterine Biopsy Forceps 9" (22.9 cm) shaft, plain not interfitted cups, 6 mm bite

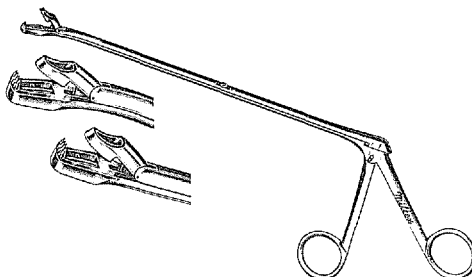


Gynecological and Obstetrical Instruments



30-1482

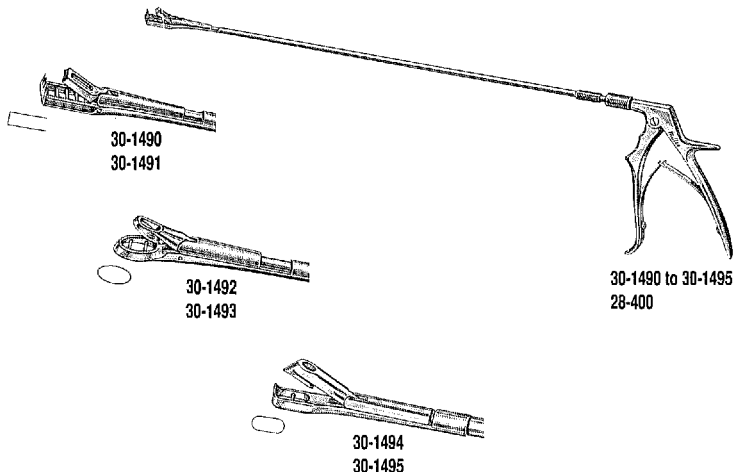
30-1485



30-1486

30-1487

- 30-1482** KEVORKIAN-YOUNGE Uterine Biopsy Forceps
9½" (24.1 cm) shaft, 3.5 x 8 mm bite, teeth on lower jaw
- 30-1485** EPPENDORFER Uterine Biopsy Forceps, 8½" (21.6 cm) shaft
- 30-1486** WITTNER Uterine Biopsy Forceps 8½" (21.6 cm) shaft, with teeth
on lower jaw, standard model with angled tip
- 30-1487** WITTNER Uterine Biopsy Forceps 8½" (21.6 cm) shaft, with teeth
on lower jaw, straight tip



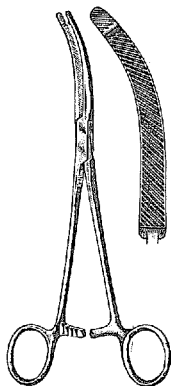
MILTEX ROTATING SHAFT UTERINE BIOPSY FORCEPS

9" (22.9 cm) shafts are interchangeable on Pistol Grip Spring Handles

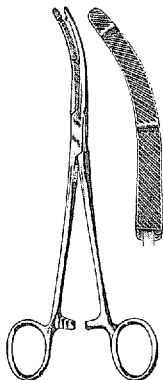
- 30-1490** KEVORKIAN-YOUNGE Biopsy Forceps, 3.5 x 8 mm bite, teeth on lower jaw, complete with Pistol Grip Handle
- 30-1491** KEVORKIAN-YOUNGE Biopsy Forceps, Shaft only
- 30-1492** EPPENDORFER-KRAUSE Biopsy Forceps, oval 4.5 x 6.5 mm bite, complete with Pistol Grip Handle
- 30-1493** EPPENDORFER-KRAUSE Biopsy Forceps, Shaft only
- 30-1494** TISCHLER Biopsy Forceps, 3 x 7 mm bite, complete with Pistol Grip Handle
- 30-1495** TISCHLER Biopsy Forceps, Shaft only
- 28-400** Pistol Grip Spring Handle fitting all Miltex Rotating Shaft Uterine Biopsy Forceps (this handle also fits Rectal Biopsy Punches Nos. 28-380 to 28-416)



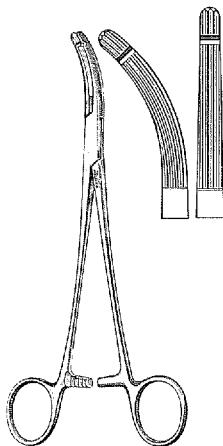
Gynecological and Obstetrical Instruments



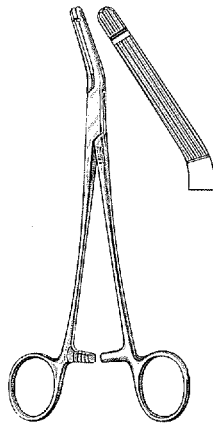
30-1700



30-1710
30-1715

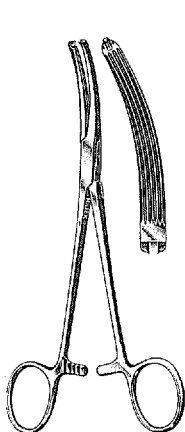


30-1716
30-1718

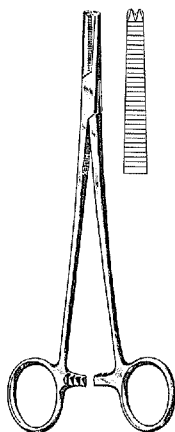


30-1720

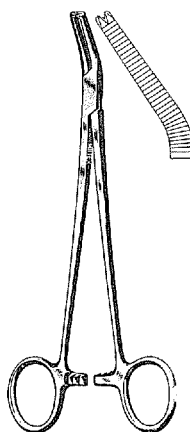
- 30-1700** HEANEY Hysterectomy Forceps 8¼" (21 cm), heavy pattern, single tooth, curved
- 30-1710** HEANEY Hysterectomy Forceps 8¼" (21 cm), heavy pattern, double tooth, curved
- 30-1715** HEANEY Hysterectomy Forceps 9¾" (24.8 cm), extra heavy pattern, double tooth, curved
- 30-1716** HEANEY-BALLENTINE Hysterectomy Forceps 8½" (21 cm), longitudinal serrations, single tooth, curved
- 30-1718** BALLENTINE Hysterectomy Forceps 8½" (21.6 cm), longitudinal serrations, single tooth, straight
- 30-1720** GARLAND Hysterectomy Forceps 8½" (21 cm), longitudinal serrations, single tooth, angled on flat



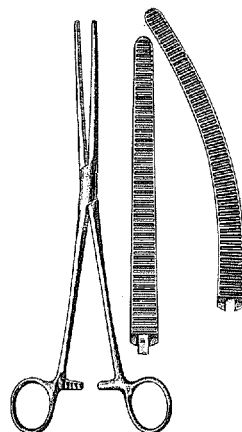
30-1730



30-1735



30-1740



7-124 to 7-148

30-1730 LONG Hysterectomy Forceps 7 1/2" (19.1 cm), longitudinal serrations, 1 x 2 teeth, curved

30-1735 PHANEUF Uterine Artery Forceps 8" (20.3 cm), horizontal serrated jaws, 1 x 2 teeth, straight

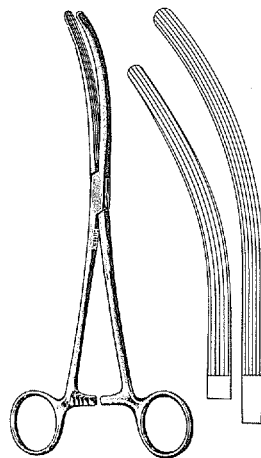
30-1740 PHANEUF Uterine Artery Forceps 8" (20.3 cm), horizontal serrated jaws, 1 x 2 teeth, angled on flat

PEAN HYSTERECTOMY FORCEPS, with Horizontal Serrations

Straight	Size	Curved
7-124	8" (20.3 cm)	7-142
7-126	9" (22.9 cm)	7-144
7-128	10 1/4" (26 cm)	7-146
7-130	12" (30.5 cm)	7-148

30-1805 PEAN Hysterectomy Forceps 9" (22.9 cm), curved, with longitudinal serrations

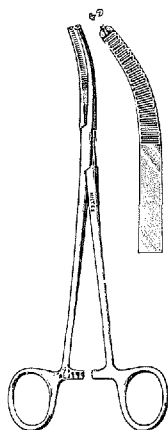
30-1815 PEAN Hysterectomy Forceps 10 1/4" (26 cm), curved, with longitudinal serrations



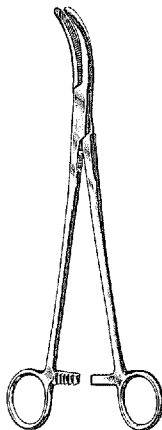
30-1805
30-1815



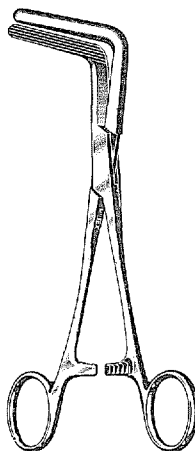
Gynecological and Obstetrical Instruments



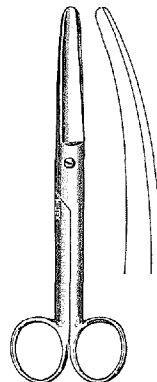
7-190



29-280

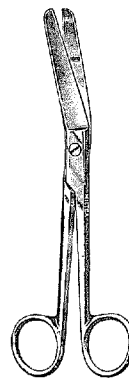


29-282

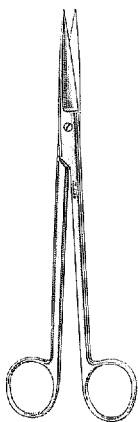


5-160
5-162

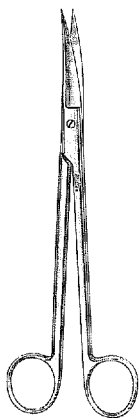
- 7-190** MICULICZ Peritoneal Clamp 8" (20.3 cm), curved, 1 x 2 teeth
- 29-280** WERTHEIM Vaginal Forceps 9¾" (24.8 cm), curved, 2" (5.1 cm) jaws
- 29-282** WERTHEIM-CULLEN Pedicle Forceps 8½" (21.6 cm), right angle 2" (5.1 cm) jaws
- 5-160** DOYEN Scissors 7" (17.8 cm), straight, heavy pattern
- 5-162** DOYEN Scissors 7" (17.8 cm), curved, heavy pattern
- 5-166** FERGUSON Scissors 7" (17.8 cm), angled on flat



5-166



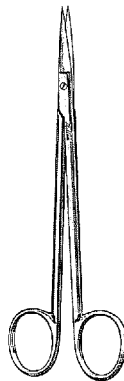
5-220 to 5-224



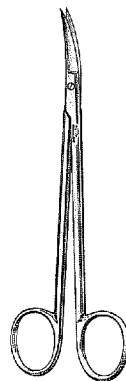
5-226 to 5-230



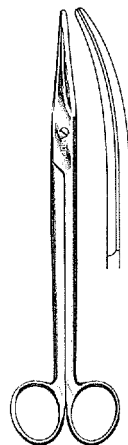
5-250
5-252



5D-251



5D-253



5-128
5-130

SIMS UTERINE SCISSORS 8" (20.3 cm)

Straight	Points	Curved
5-220	Sharp-Sharp	5-226
5-222	Sharp-Blunt	5-228
5-224	Blunt-Blunt	5-230

5-250 KELLY Uterine Scissors 6¼" (15.9 cm), sharp points, straight

5D-251 KELLY Uterine Scissors 6¼" (15.9 cm), sharp points, straight, with one serrated blade

5-252 KELLY Uterine Scissors 6¼" (15.9 cm), sharp points, curved

5D-253 KELLY Uterine Scissors 6¼" (15.9 cm), sharp points, curved, with one serrated blade

5-128 MAYO Uterine Scissors 9" (22.9 cm), straight

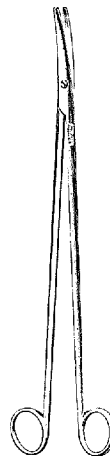
5-130 MAYO Uterine Scissors 9" (22.9 cm), curved

5-186 NELSON Uterine Scissors 9" (22.9 cm), straight

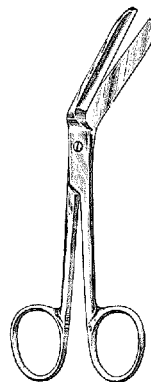
5-188 NELSON Uterine Scissors 9" (22.9 cm), curved

30-2190 BRAUN Episiotomy Scissors 5½" (14 cm), angled to side, guarded lower blade

30-2195 BRAUN Episiotomy Scissors 8¾" (21.6 cm), angled to side, guarded lower blade



5-186
5-188

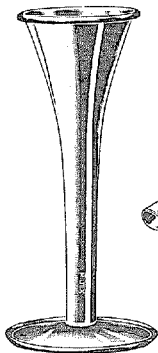


30-2190
30-2195

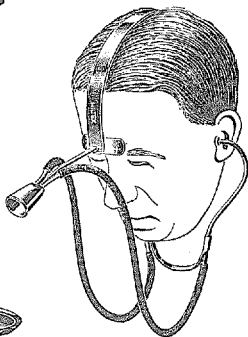
For Carb-N-Sert Scissors with Tungsten Carbide inserts and Super Cut Scissors – see pages 55-63.



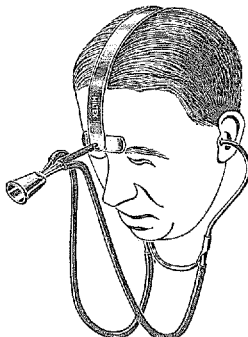
Gynecological and Obstetrical Instruments



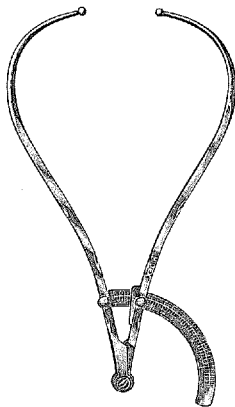
30-2200



30-2205

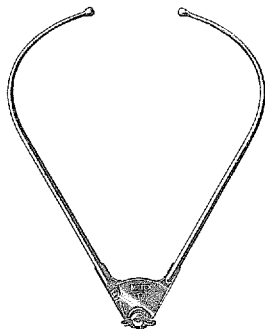


30-2210

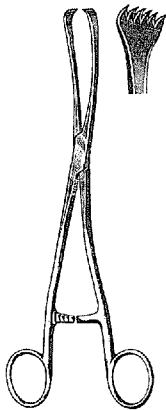


30-2230

- 30-2200** PINARD Fetal Heart Stethoscope, aluminum
- 30-2205** DE LEE-HILLIS Obstetrical Stethoscope with padded head support, rigid metal arm. Complete with binaurals, chrome
- 30-2210** DE LEE Obstetrical Stethoscope, same as No. 30-2205 but with flexible arm, chrome
- 30-2230** MARTIN Pelvimeter, graduated in centimeters and inches
- 30-2235** COLLYER Pelvimeter, graduated in centimeters and inches



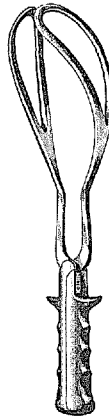
30-2235



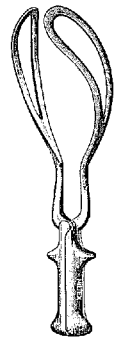
30-2250



30-2260



30-2300

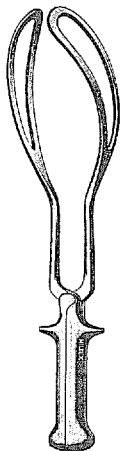


30-2305

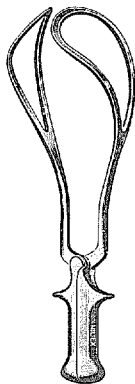
- 30-2250** IOWA Membrane Puncturing Forceps 10¼" (26 cm), double curved, 6 x 6 teeth
- 30-2260** BEACHAM Amniotome 10¼" (26 cm)
- 30-2300** SIMPSON Obstetrical Forceps, Long Model, 14" (35.6 cm)
- 30-2305** SIMPSON Obstetrical Forceps, Short Model, 12" (30.5 cm)



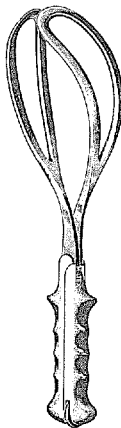
Gynecological and Obstetrical Instruments



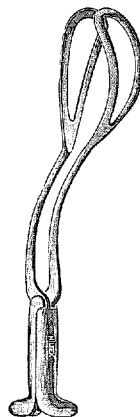
30-2315



30-2320



30-2330



30-2335

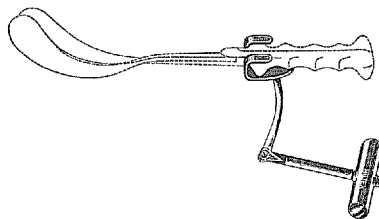
30-2315 DE LEE Obstetrical Forceps, Standard Model,
14" (35.6 cm)

30-2320 DE LEE Obstetrical Forceps, Short Model,
12" (30.5 cm)

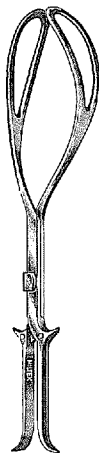
30-2330 ELLIOTT Obstetrical Forceps, Short Model,
12½" (31.8 cm)

30-2335 PIPER Obstetrical Forceps 17½" (44.5 cm)

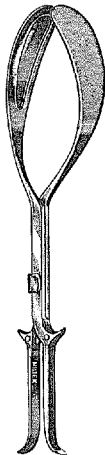
30-2345 BILL Traction Handle, for use with any O.B. Forceps
having standard type handle



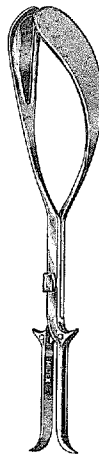
30-2345



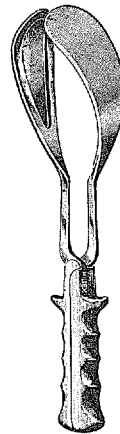
30-2350



30-2355



30-2390

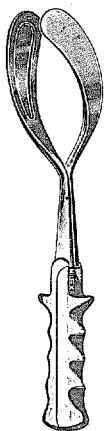


30-2400

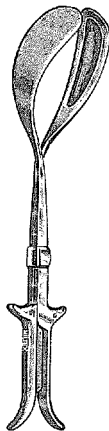
- 30-2350** KIELLAND Obstetrical Forceps 15½" (39.4 cm)
- 30-2355** KIELLAND-LUIKART Obstetrical Forceps 15½" (39.4 cm), solid blades
- 30-2390** LUIKART Obstetrical Forceps 15½" (39.4 cm), solid blades
- 30-2400** SIMPSON-LUIKART Obstetrical Forceps 14" (35.6 cm), solid blades



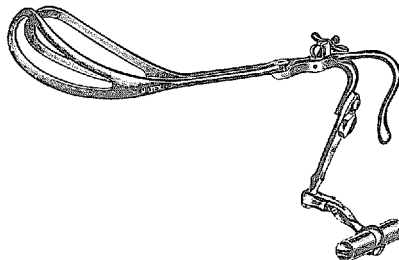
Gynecological and Obstetrical Instruments



30-2410

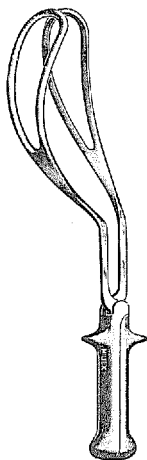


30-2415

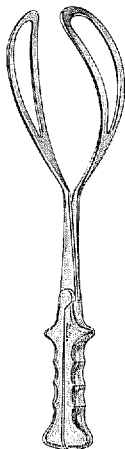


30-2430

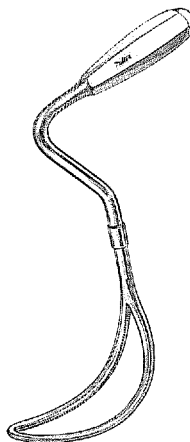
- 30-2410 McLEAN-LUIKART Obstetrical Forceps 15 $\frac{3}{4}$ " (40 cm), solid blades, long shanks
- 30-2415 McLEAN-TUCKER-LUIKART Obstetrical Forceps 15 $\frac{3}{4}$ " (40 cm), solid blades, long shanks
- 30-2430 DEWEY Obstetrical Forceps 14" (35.6 cm), with Axis Traction



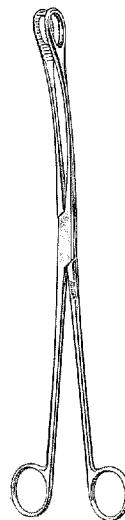
30-2435



30-2445

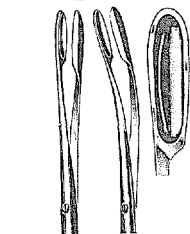


30-2450

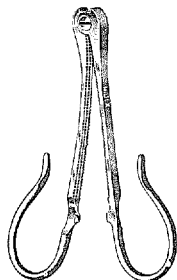


30-2505

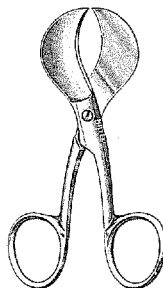
- 30-2435 HAWKS-DENNEN Obstetrical Forceps 15" (38.1 cm)
- 30-2445 BAILEY-WILLIAMSON Obstetrical Forceps 15½" (39.4 cm)
- 30-2450 MURLESS Head Extractor 10" (25.4 cm), with hinged shaft and sliding collar lock
- 30-2505 KELLY Placenta Forceps 12½" (31.8 cm), serrated ring jaws, slightly curved



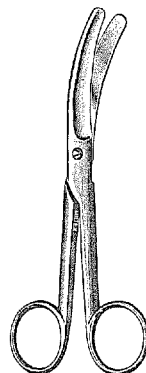
30-2530
30-2535



30-2560

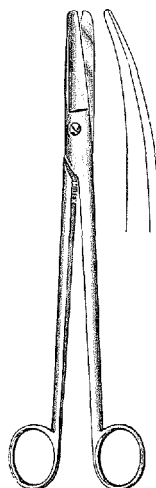


30-2575

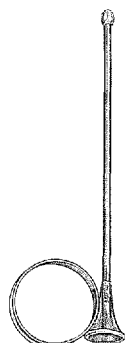


30-2580

- 30-2530 WINTER Placenta Forceps 11" (27.9 cm), cup jaws, straight
- 30-2535 WINTER Placenta Forceps 11" (27.9 cm), cup jaws, curved
- 30-2560 KANE Umbilical Clamp 3½" (8.9 cm)
- 30-2575 Umbilical Scissors 4½" (10.5 cm), American Pattern
- 30-2580 BUSCH Umbilical Scissors 6½" (16.5 cm), curved on side
- 30-2605 DUBOIS Decapitation Scissors 10½" (26.7 cm), curved, extra heavy pattern, blunt points
- 30-2632 IOWA Trumpet Pudendal Needle Guide 5½" (14 cm)



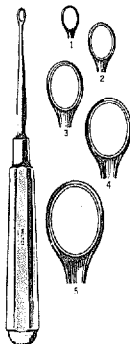
30-2605



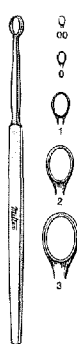
30-2632



33-2 to 33-5B



33-6 to 33-11A



33-16-00 to 33-16-3



33-12 to 33-15



40-54

FOX DERMAL CURETTES 5½" (14 cm), Round

33-2	6 mm dia.	33-5	3 mm dia.
33-3	5 mm dia.	33-5A	2 mm dia.
33-4	4 mm dia.	33-5B	1 mm dia.

PIFFARD DERMAL CURETTES 6¼" (15.9 cm), Oval

33-6	Size 1 (3 mm dia.)	33-11	Size 4 (8 mm dia.)
33-8	Size 2 (5 mm dia.)	33-11A	Size 5 (10 mm dia.)
33-10	Size 3 (6 mm dia.)		

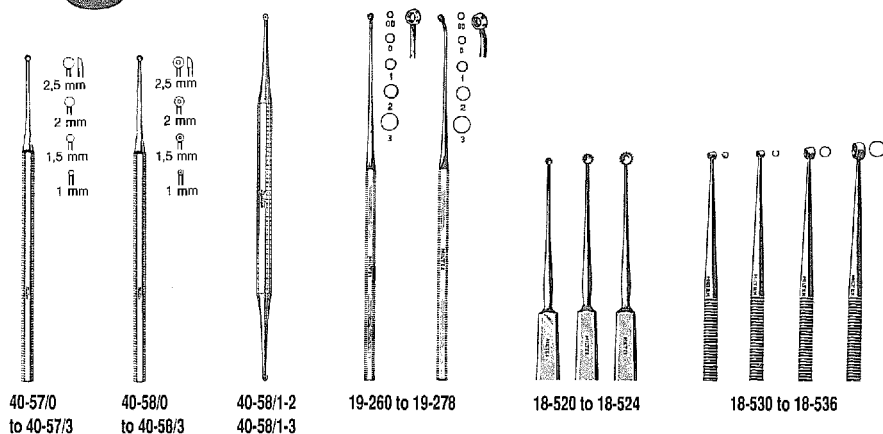
PIFFARD DERMAL CURETTES 5½" (14 cm), oval, narrow handles

33-16-00	Size 00 (1 mm dia.)	33-16-2	Size 2 (5 mm dia.)
33-16-0	Size 0 (1.5 mm dia.)	33-16-3	Size 3 (6 mm dia.)
33-16-1	Size 1 (3 mm dia.)		

33-12	MILTEX Dermal Curette 6¼" (15.9 cm), oval spoon size 0 (3 mm dia.)
33-13	MILTEX Dermal Curette 6¼" (15.9 cm), oval spoon size 1 (4 mm dia.)
33-14	MILTEX Dermal Curette 6¼" (15.9 cm), oval spoon size 2 (5 mm dia.)
33-15	MILTEX Dermal Curette 6¼" (15.9 cm), oval spoon size 3 (6 mm dia.)
40-54	MILTEX Verucca Curette 5" (12.7 cm), cup 4 mm dia.



Dermal Instruments



MILTEX EXCAVATOR CURETTES, Single End 5" (12.7 cm)

W/O Hole	Diameter	W/Hole
40-57/0	1 mm	40-58/0
40-57/1	1.5 mm	40-58/1
40-57/2	2 mm	40-58/2
40-57/3	2.5 mm	40-58/3

MILTEX EXCAVATOR CURETTES, Double End 5½" (14 cm)

40-58/1-2	Small 1.5 mm and Medium 2 mm dia.
40-58/1-3	Small 1.5 mm and Large 2.5 mm dia.

BUCK CURETTES 6½" (16.5 cm), Sharp

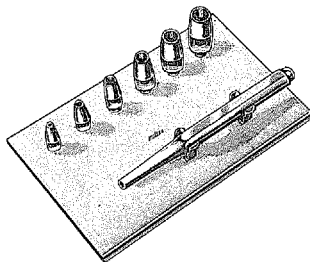
Straight	Size	Angled
19-260	00	19-270
19-262	0	19-272
19-264	1	19-274
19-266	2	19-276
19-268	3	19-278

18-520	SKEELE Curette 5" (12.7 cm), round 1 mm cup, serrated edge
18-522	SKEELE Curette 5" (12.7 cm), round 2 mm cup, serrated edge
18-524	SKEELE Curette 5" (12.7 cm), round 2.5 mm cup, serrated edge

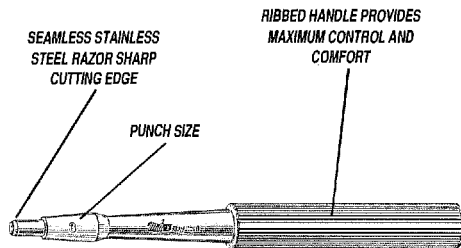
18-530	HEATH Curette 4" (10.2 cm), Size 0, one sharp and one blunt edge, 0.5 mm
18-532	HEATH Curette 4" (10.2 cm), Size 1, one sharp and one blunt edge, 1 mm
18-534	HEATH Curette 4" (10.2 cm), Size 2, one sharp and one blunt edge, 2 mm
18-536	HEATH Curette 4" (10.2 cm), Size 3, one sharp and one blunt edge, 3 mm



33-20 to 33-28



33-30



33-31A to 33-37

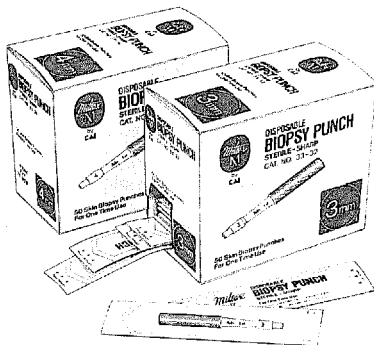
KEYES DERMAL PUNCHES 4" (10.2 cm)

33-20	2 mm	33-25	5 mm
33-22	3 mm	33-26	6 mm
33-24	4 mm	33-28	8 mm

33-30 KEYES Dermal Punch Set, 3½" (8.9 cm) Handle, with screw-in Keyes Knives 2, 3, 4, 5, 6 and 7 mm mounted on storage and sterilization rack

Replacement Parts for No. 33-30 Punch Set

33-30-1	Handle		
33-30-2	2 mm Head	33-30-5	5 mm Head
33-30-3	3 mm Head	33-30-6	6 mm Head
33-30-4	4 mm Head	33-30-7	7 mm Head



MILTEX Sterile Disposable Biotry Punches – made by Kai
Each Sterile Biotry Punch is sealed in a peel-apart see-through package.
Packed 50 Biotry Punches to a Dispenser Box. Sterilized by EO.

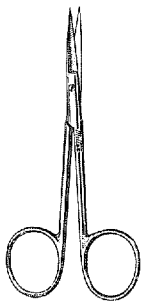
33-31A	1.5 mm	33-34	4 mm
33-31	2 mm	33-35	5 mm
33-32	3 mm	33-36	6 mm
33-33	3.5 mm	33-37	8 mm

FEATURES:

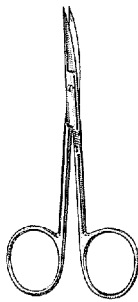
- Seamless stainless steel razor sharp cutting edge
- Ribbed handle provides maximum control and comfort
- Size marked on every punch for easy identification
- Sterile – ready to use every time
- Convenient – use once and discard
- Eliminates need for re-sharpening
- Clean, precise specimens for accurate diagnosis
- Wide range of sizes



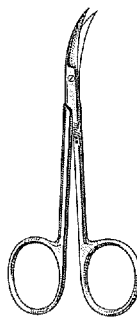
33-40



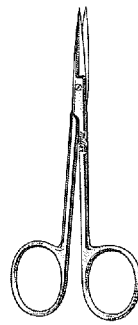
5-300



5-302



5D-303



5-304

33-40 VAUGHAN Abscess Knife Set 5" (12.7 cm), one straight 20 mm lancet and one curved 12 mm knife, with protective screw-on caps, and pocket clip

5-300 Iris Scissors 4" (10.2 cm), straight

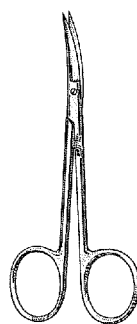
5-302 Iris Scissors 4" (10.2 cm), curved

5D-303 Iris Scissors 4 1/2" (11.4 cm), curved sideways

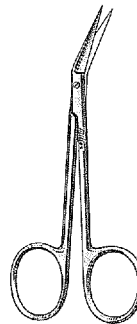
5-304 Iris Scissors 4 1/2" (11.4 cm), straight

5-306 Iris Scissors 4 1/2" (11.4 cm), curved

5-308 Iris Scissors 4 1/2" (11.4 cm), curved sideways

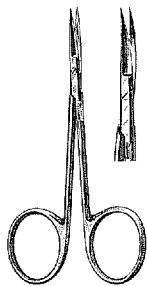


5-306

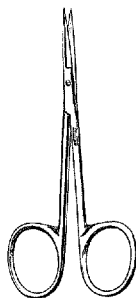


5-308

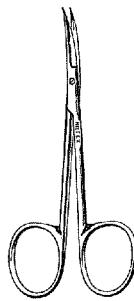
For Carb-N-Sert Scissors with tungsten carbide inserts
and SuperCut Scissors see pages 55 - 63



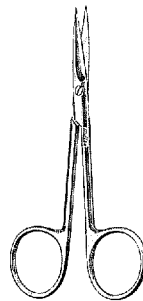
18-1392
18-1394



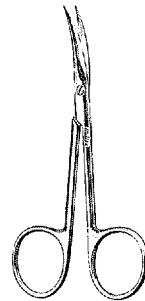
18-1396



18-1398



18-1404



18-1405

18-1392 BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, straight

18-1394 BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, curved

18-1396 Iris Scissors 3½" (8.9 cm), with 20 mm blades, straight, delicate

18-1398 Iris Scissors 3½" (8.9 cm), with 20 mm blades, curved, delicate

18-1404 MILTEX Iris Scissors 4" (10.2 cm), straight, heavy pattern

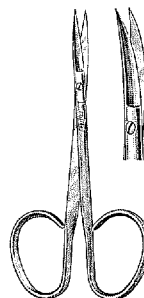
18-1405 MILTEX Iris Scissors 4" (10.2 cm), curved, heavy pattern

18-1415* Iris Scissors 4" (10.2 cm), straight, standard pattern, ribbon type

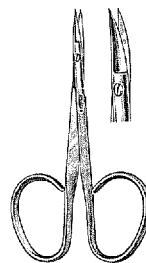
18-1416* Iris Scissors 4" (10.2 cm), curved, standard pattern, ribbon type

18-1417* Iris Scissors 3¾" (9.5 cm), straight, miniature pattern with 14 mm blades, ribbon type

18-1418* Iris Scissors 3¾" (9.5 cm), curved, miniature pattern with 14 mm blades, ribbon type

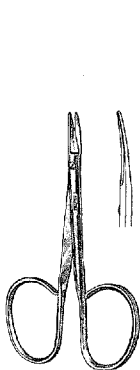


18-1415*
18-1416*

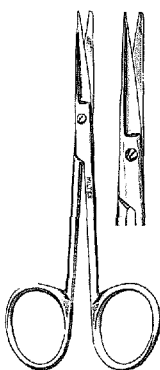


18-1417*
18-1418*

*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished

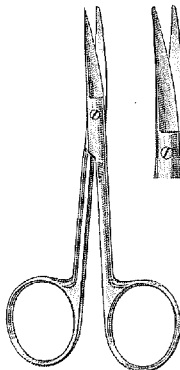


18-1419*



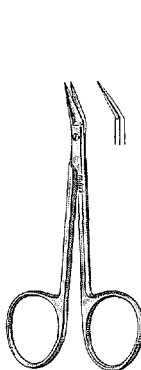
18-1420

18-1422

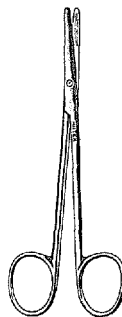


18-1426

18-1428



18-1440



5-312

18-1419* Utility Scissors 3 3/4" (9.5 cm), curved blunt blades, 15 mm long, ribbon type

18-1420 KNAPP Iris Scissors 4" (10.2 cm), straight, sharp-blunt points

18-1422 KNAPP Iris Scissors 4" (10.2 cm), straight, blunt-blunt points

18-1426 KNAPP Iris Scissors 4" (10.2 cm), curved, sharp-blunt points

18-1428 KNAPP Iris Scissors 4" (10.2 cm), curved, blunt-blunt points

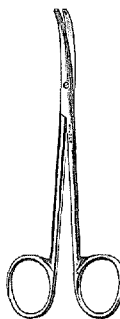
18-1440 WILMER Utility Scissors 4" (10.2 cm), angled on flat

5-312 Strabismus Scissors 4" (10.2 cm), straight

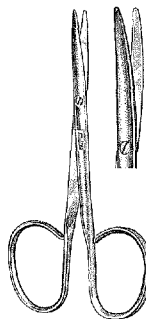
5-314 Strabismus Scissors 4" (10.2 cm), curved

18-1453* Strabismus Scissors 4 1/4" (10.8 cm), straight, ribbon type

18-1454* Strabismus Scissors 4 1/4" (10.8 cm), curved, ribbon type



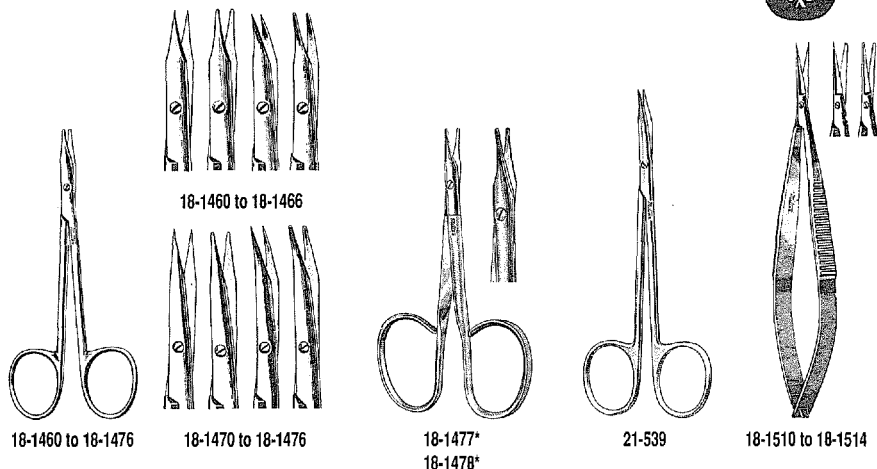
5-314



18-1453*

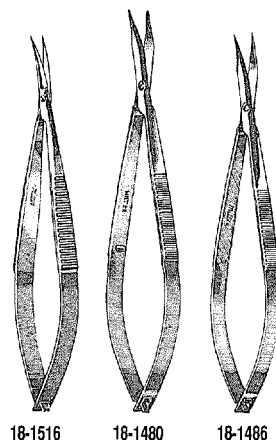
18-1454*

*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished



STEVENS TENOTOMY SCISSORS

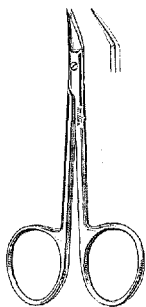
- 18-1460** Straight sharp points $4\frac{1}{8}"$ (10.5 cm), short blades
- 18-1462** Straight blunt points $4\frac{1}{8}"$ (10.5 cm), short blades
- 18-1464** Curved sharp points $4\frac{1}{8}"$ (10.5 cm), short blades
- 18-1466** Curved blunt points $4\frac{1}{8}"$ (10.5 cm), short blades
- 18-1470** Straight sharp points $4\frac{1}{2}"$ (11.4 cm), long blades
- 18-1472** Straight blunt points $4\frac{1}{2}"$ (11.4 cm), long blades
- 18-1474** Curved sharp points $4\frac{1}{2}"$ (11.4 cm), long blades
- 18-1476** Curved blunt points $4\frac{1}{2}"$ (11.4 cm), long blades
- 18-1477*** STEVENS Tenotomy Scissors $3\frac{3}{4}"$ (9.5 cm), straight, blunt points, ribbon type
- 18-1478*** STEVENS Tenotomy Scissors $3\frac{3}{4}"$ (9.5 cm), curved, blunt points, ribbon type
- 21-539** KLEINERT-KUTZ Tenotomy Scissors $4\frac{7}{8}"$ (12.4 cm), curved, rounded dissecting blades
- 18-1510** NOYES Iris Scissors $4\frac{1}{2}"$ (11.4 cm), straight, sharp-sharp points
- 18-1512** NOYES Iris Scissors $4\frac{1}{2}"$ (11.4 cm), straight, sharp-blunt points
- 18-1514** NOYES Iris Scissors $4\frac{1}{2}"$ (11.4 cm), straight, blunt-blunt points
- 18-1516** NOYES Iris Scissors $4\frac{1}{2}"$ (11.4 cm), curved, sharp-sharp points
- 18-1480** WESTCOTT Eye Scissors $4\frac{1}{2}"$ (11.4 cm), curved, blunt points
- 18-1486** WESTCOTT Eye Scissors $4\frac{1}{2}"$ (11.4 cm), curved, sharp points



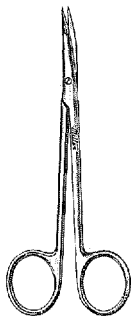
*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished



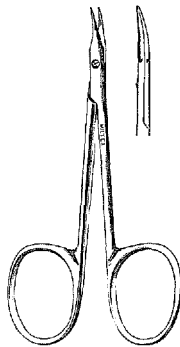
Dermal Instruments



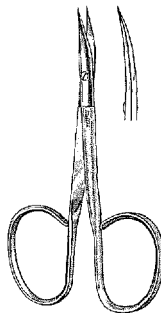
33-240



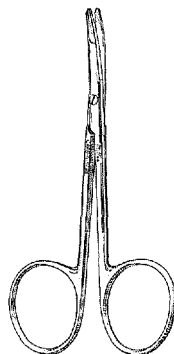
33-242



18-1652



18-1653*



21-537TC

33-240 BIRO Dermal Naevus Scissors 4" (10.2 cm), angled on flat, w/sharp outside edges

33-242 MILTEX Undermining Scissors 4½" (11.4 cm), curved blades, with flat pointed tip

18-1652 GRADLE Scissors 3¾" (9.5 cm), slightly curved, sharp points

18-1653* GRADLE Scissors 4" (10.2 cm), ribbon type, slightly curved, sharp points

21-537TC MILTEX Blepharoplasty Scissors 4½" (11.4 cm), curved flat tips, one serrated and one Carb-N-Sert blade

21-630 JOSEPH Scissors 5¾" (14.6 cm), straight, sharp points

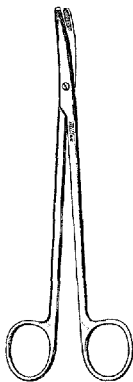
21-632 JOSEPH Scissors 5¾" (14.6 cm), curved, sharp points



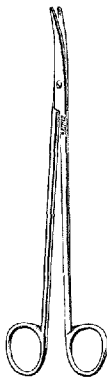
21-630

21-632

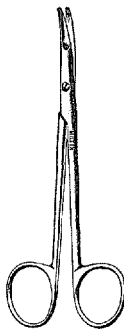
*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished



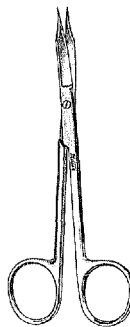
5-180



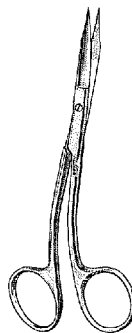
5-284



5-290



5-320



5D-322

5-180

METZENBAUM Scissors 5½" (14 cm), curved, standard

5-284

METZENBAUM Scissors 5" (12.7 cm), curved, delicate

5-290

RAGNELL Undermining Scissors 5" (12.7 cm), curved with flattened dissecting tips

5-320

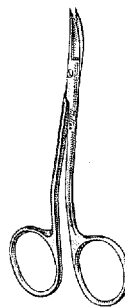
GOLDMAN-FOX Wound Debridement Scissors 5" (12.7 cm), curved fine tips with one serrated blade

5D-322

GOLDMAN-FOX Wound Debridement Scissors 5" (12.7 cm), curved, one serrated blade, angled shanks

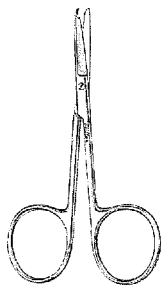
5D-324

LA GRANGE Scissors 4¼" (10.8 cm), curved, one serrated blade, angled shanks

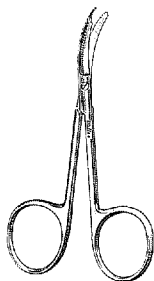


5D-324

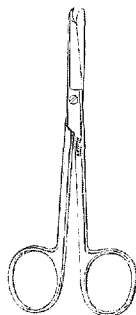
For Carb-N-Sert Scissors with tungsten carbide inserts
and SuperCut Scissors see pages 55 - 63



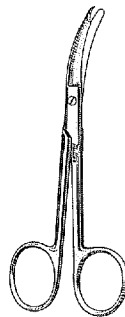
9-100



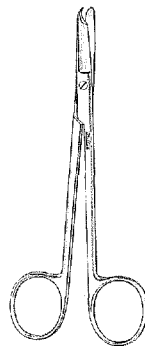
9-101



9-102

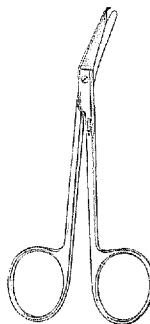


9-103

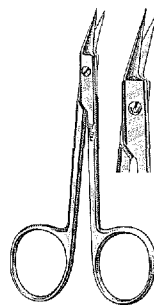


9-104

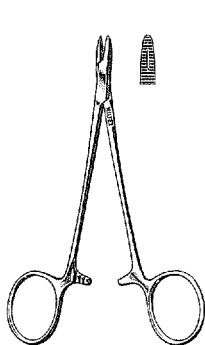
- 9-100** SPENCER Stitch Scissors $3\frac{1}{2}$ " (8.9 cm), delicate
- 9-101** SHORTBENT Stitch Scissors $3\frac{1}{2}$ " (8.9 cm), curved, delicate
- 9-102** LITTAUER JR. Stitch Scissors $4\frac{1}{2}$ " (11.4 cm), light pattern
- 9-103** NORTHBENT Stitch Scissors $4\frac{3}{4}$ " (12.1 cm), curved, light pattern
- 9-104** LITTAUER Stitch Scissors $5\frac{1}{2}$ " (14 cm), standard pattern
- 9-108** MILTEX Stitch Scissors $4\frac{1}{2}$ " (11.4 cm), angled, delicate
- 9-110** O'BRIEN Stitch Scissors $3\frac{3}{4}$ " (9.5 cm), angled, sharp points



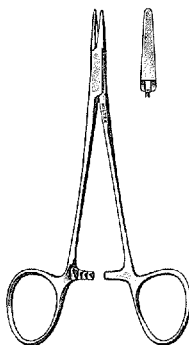
9-108



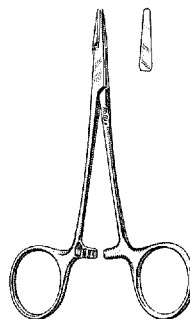
9-110



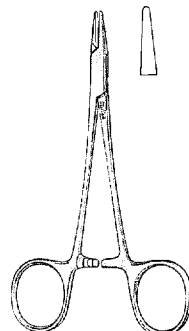
8-4



8-6

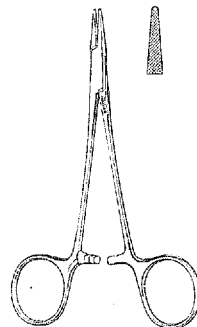


8-7



8-8

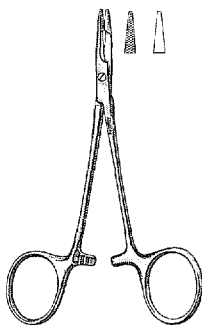
- 8-4 DERF Needle Holder 4 $\frac{3}{4}$ " (12.1 cm)
- 8-6 WEBSTER Needle Holder 5" (12.7 cm), delicate smooth jaws, standard pattern
- 8-7 WEBSTER Needle Holder 4 $\frac{3}{4}$ " (12.1 cm), extra delicate smooth jaws
- 8-8 HALSEY Needle Holder 5" (12.7 cm), smooth jaws
- 8D-36 HALSEY Needle Holder 5" (12.7 cm), serrated jaws



8D-36

For additional Needle Holders see pages 112 - 121

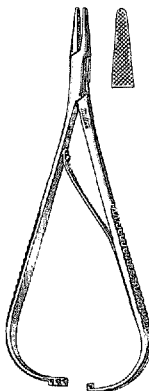
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



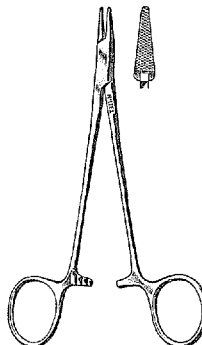
8-14
8-14A



8-26



8-28

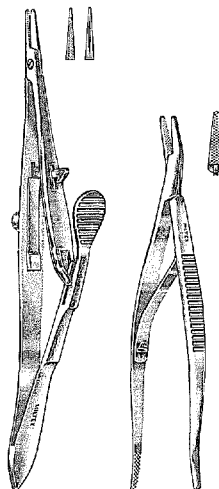


8-40

- 8-14** OLSEN-HEGAR Needle Holder-Scissor Combination 4¾" (12.1 cm), serrated jaws, extra delicate
- 8-14A** OLSEN-HEGAR Needle Holder-Scissor Combination 4¾" (12.1 cm), smooth jaws, extra delicate
- 8-26** BOYNTON Needle Holder 5" (12.7 cm), delicate
- 8-28** MATHIEU Needle Holder 5½" (14 cm), with spring handles
- 8-40** BAUMGARTNER Needle Holder 5½" (14 cm)
- 18-1800** KALT Needle Holder 5¼" (13.3 cm), standard model, delicate jaws
- 18-1810** GREEN Needle Holder and Suturing Forceps 4¾" (10.8 cm), angled jaws, double end

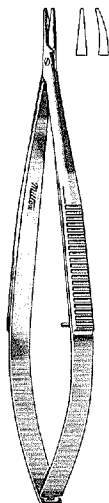
For additional Needle Holders see pages 112 - 121

For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



18-1800

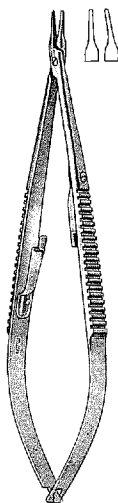
18-1810



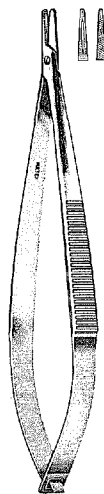
18-1820
18-1824



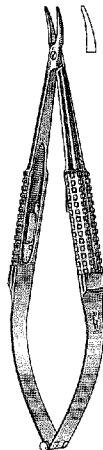
18-1828
18-1832



18-1831
18-1833



18-1834

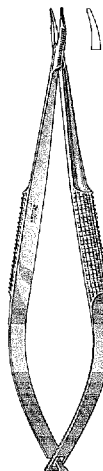


18-1838
18-1839

- 18-1820 CASTROVIEJO Needle Holder 5½" (14 cm), straight, without lock
- 18-1824 CASTROVIEJO Needle Holder 5½" (14 cm), curved, without lock
- 18-1828 CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock
- 18-1832 CASTROVIEJO Needle Holder 5½" (14 cm), curved, with lock
- 18-1831 CASTROVIEJO Needle Holder 5½" (14 cm), straight, extra delicate jaws, with lock
- 18-1833 CASTROVIEJO Needle Holder 5½" (14 cm), curved, extra delicate jaws, with lock
- 18-1834 PATON Needle Holder 4½" (11.4 cm), straight, without lock
- 18-1838 BARRAQUER Needle Holder 5" (12.7 cm), curved, without lock,
10 mm wide hollow round handles
- 18-1839 BARRAQUER Needle Holder 5" (12.7 cm), curved, with lock,
10 mm wide hollow round handles
- 18-1840 BARRAQUER Needle Holder 5½" (13 cm), curved, delicate tapered jaws,
8 mm wide hollow round handles

For additional Needle Holders see pages 112 - 121

For Carb-N-Sert Needle Holders with tungsten
carbide inserts see pages 123 - 130



18-1840



6-104



6-106
6-108



6-107



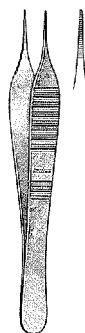
6-118



6-118A



6-118XL



17-2510

6-104 SEMKEN Dressing Forceps 5" (12.7 cm), serrated

6-106 SEMKEN Tissue Forceps 5" (12.7 cm), 1 x 2 teeth

6-107 SEMKEN Tissue Forceps 5" (12.7 cm), 1 x 2 teeth, curved tips

6-108 SEMKEN Tissue Forceps 5" (12.7 cm), 2 x 3 teeth

6-118 ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate

6-118A ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate, angled

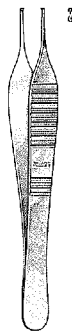
6-118XL ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, lightweight, fenestrated handles

17-2510 Micro ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated tips, 0.5 mm wide

6-120 ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, delicate

6-120A ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, delicate, angled

6-120XL ADSON Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 teeth, lightweight, fenestrated handles



6-120

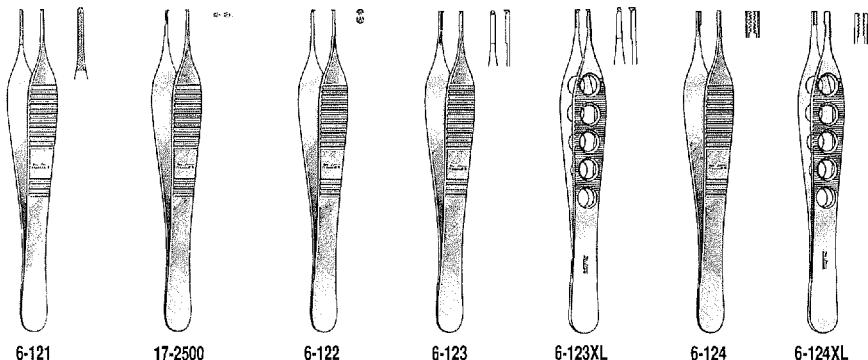


6-120A

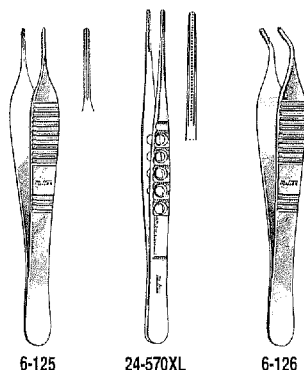


6-120XL

For additional Dressing and Tissue Forceps see pages 64 - 82



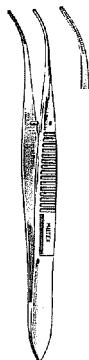
- 6-121** ADSON Tissue Forceps 4 $\frac{3}{4}$ " (12.1 cm), 1 x 2 teeth, and cross serrated tips, delicate
- 17-2500** Micro ADSON Tissue Forceps 4 $\frac{3}{4}$ " (12.1 cm), tips 0.5 mm wide, 1 x 2 teeth
- 6-122** ADSON Tissue Forceps 4 $\frac{3}{4}$ " (12.1 cm), 2 x 3 teeth, delicate
- 6-123** ADSON Tissue and Suture Forceps 4 $\frac{3}{4}$ " (12.1 cm), 1 x 2 teeth with tying platform
- 6-123XL** ADSON Tissue Forceps 4 $\frac{3}{4}$ " (12.1 cm), w/platform, 1 x 2 teeth, lightweight, fenestrated handles
- 6-124** BROWN-ADSON Tissue Forceps 4 $\frac{3}{4}$ " (12.1 cm), 7 x 7 side grasping teeth
- 6-124XL** BROWN-ADSON Tissue Forceps 4 $\frac{3}{4}$ " (12.1 cm), 7 x 7 side grasping teeth, lightweight, fenestrated handles
- 6-125** DeBAKEY-ADSON Tissue Forceps 4 $\frac{3}{4}$ " (12.1 cm), atraumatic tips 1.5 mm wide
- 24-570XL** DeBAKEY Tissue Forceps 6" (15.2 cm), atraumatic tips, 1.5 mm wide, lightweight, fenestrated handles
- 6-126** BROWN-ADSON Tissue Forceps 4 $\frac{3}{4}$ " (12.1 cm), 7 x 7 side grasping teeth, angular



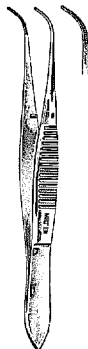
For additional Dressing and Tissue Forceps see pages 64 - 82



18-780



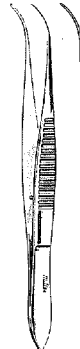
18-782



18-784



18-779



18-781



18-783

EYE DRESSING FORCEPS 4" (10.2 cm), SERRATED TIPS

Standard Pattern
0.8 mm wide tips

18-780	Straight
18-782	Half curved
18-784	Full curved

Extra Delicate Pattern
0.5 mm wide tips

18-779	Straight
18-781	Half curved
18-783	Full curved

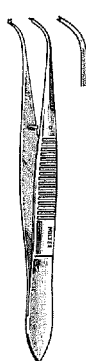
For additional Dressing and Tissue Forceps see pages 64 - 82



18-786
18-787



18-788



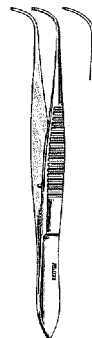
18-790



18-785



18-789



18-791

IRIS TISSUE FORCEPS 4" (10.2 cm), 1 x 2 TEETH

Standard Pattern
0.8 mm wide tips

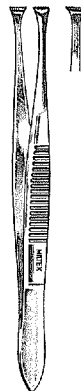
- 18-786** Straight
- 18-787** Straight (Non Magnetic)
- 18-788** Half curved
- 18-790** Full curved

Extra Delicate Pattern
0.5 mm wide tips

- 18-785** Straight
- 18-789** Half curved
- 18-791** Full curved

18-850 GRAEFE Tissue Forceps 4" (11.2 cm), standard jaws 4.5 mm wide, with fine teeth

18-854 GRAEFE Tissue Forceps 4" (11.2 cm), standard jaws 4.5 mm wide, with fine teeth, with catch

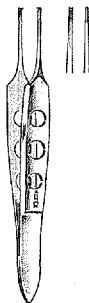


18-850



18-854

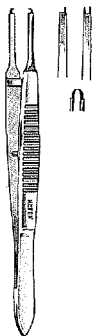
For additional Dressing & Tissue Forceps see pages 64 - 82



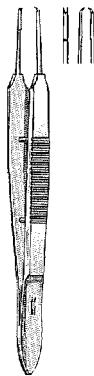
18-866
18-868



18-1107



18-876
18-878



18-950



18-951
18-952



18-953 to 18-955

18-866 BISHOP-HARMON Dressing Forceps 3 3/4" (8.6 cm), fine cross serrated tips 0.5 mm wide

18-868 BISHOP-HARMON Tissue Forceps 3 3/4" (8.6 cm), standard 0.7 mm 1 x 2 teeth

18-1107 Swiss Cilia and Suture Forceps 3 3/4" (9.5 cm), precision fitted diagonal jaws 3 mm wide

18-876 CASTROVIEJO (ALVIN) Fixation Forceps 3 3/4" (9.5 cm), straight,
1 x 1 curved teeth extending beyond each other

18-878 CASTROVIEJO Fixation Forceps 3 3/4" (9.5 cm), straight,
2 x 2 curved teeth extending beyond each other

18-950 CASTROVIEJO Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.9 mm, with tying platform

18-951 CASTROVIEJO Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.3 mm, with tying platform

18-952 CASTROVIEJO Suturing Forceps 4" (10.2 cm), 1 x 2 teeth 0.6 mm, with tying platform

18-953 CASTROVIEJO Micro Suturing Forceps 4" (10.2 cm), with 11 mm wide handles,
1 x 2 teeth 0.12 mm, with tying platform

18-954 CASTROVIEJO Suturing Forceps 4" (10.2 cm), with 11 mm wide handles,
1 x 2 teeth 0.6 mm, with tying platform

18-955 CASTROVIEJO Suturing Forceps 4" (10.2 cm), with 11 mm wide handles,
1 x 2 teeth 0.9 mm, with tying platform

For additional Fixation and Suturing Forceps see pages 238, 244 - 248 & 251



21-430



26-1084
26-1086



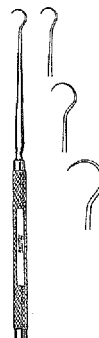
33-121



18-412
18-414



18-416



21-85 to 21-87

- 21-430 MILTEX Tissue Twist Hook 5 1/2" (14 cm)
- 26-1084 FRAZIER Skin Hook 5" (12.7 cm), sharp point
- 26-1086 FRAZIER Skin Hook 5" (12.7 cm), blunt point
- 33-121 SELTZER Dermal Biopsy Hook 4 1/2" (11.4 cm), sharp point
- 18-412 TYRELL Skin Hook 5" (12.7 cm), sharp point
- 18-414 TYRELL Skin Hook 5" (12.7 cm), blunt point
- 18-416 GUTHRIE Hook 5" (12.7 cm), sharp double prongs 1.5 mm wide
- 21-85 KLEINERT-KUTZ Hook 5" (12.7 cm), small size 3 mm dia.
- 21-86 KLEINERT-KUTZ Hook 5" (12.7 cm), medium size 5 mm dia.
- 21-87 KLEINERT-KUTZ Hook 5" (12.7 cm), large size 7 mm dia.
- 21-88 GILLIES (CONVERSE) Skin Hook 7" (17.8 cm), large size
- 21-89 GILLIES (CONVERSE) Skin Hook 7" (17.8 cm), small size



21-88
21-89

For additional Hooks see pages 188 - 194



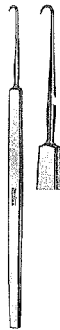
21-90 to 21-94



21-102
21-103



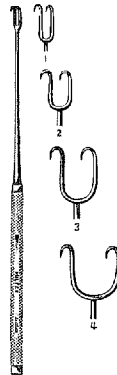
21-144



21-152



21-153



21-154 to 21-160

- 21-90 COTTLE Skin Hook 5½" (14 cm), small, shallow curve
- 21-92 COTTLE Skin Hook 5½" (14 cm), small, deep curve
- 21-94 COTTLE Skin Hook 5½" (14 cm), large, deep curve
- 21-102 FREER Skin Hook 6" (15.2 cm), sharp double prongs 2.5 mm wide
- 21-103 FREER Skin Hook 6" (15.2 cm), blunt double prongs 2.5 mm wide
- 21-144 COTTLE Double Hook 5½" (14 cm), two sharp prongs 12 mm wide
- 21-152 MILTEX Skin Hook 4¾" (12.1 cm), sharp prong 2 mm dia.
- 21-153 JOSEPH Single Hook 6¼" (15.9 cm), one sharp prong
- 21-154 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 2 mm
- 21-156 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 5 mm
- 21-158 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 7 mm
- 21-160 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 10 mm



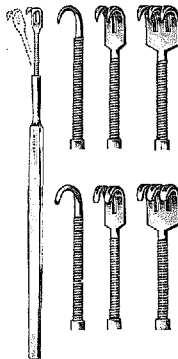
18-100
18-102



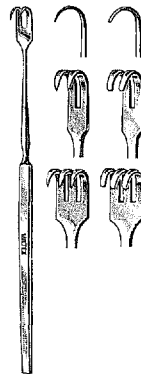
18-439



11D-27



11-30 to 11-40



11-50 to 11-60

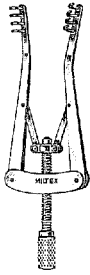
- 18-100** ROLLET Retractor 5¼" (13.3 cm), with 4 sharp prongs
- 18-102** KNAPP Retractor 5¼" (13.3 cm), with 4 blunt prongs
- 18-439** McGANNON Retractor 5" (12.7 cm), fenestrated blade 2.5 mm wide
- 11D-27** Flexible Neck Rake Retractor 5" (12.7 cm), 3 sharp prongs

RAKE RETRACTORS 6" (15.2 cm)

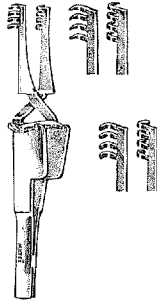
Sharp	With Flexible Neck	Blunt
11-30	1 prong	11-36
11-32	2 prongs	11-38
11-34	3 prongs	11-40

RAKE RETRACTORS 6" (15.2 cm)

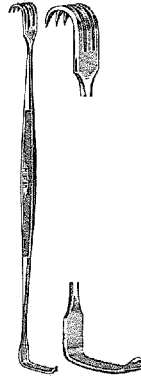
Sharp	With Rigid Neck	Blunt
11-50	1 prong	11-56
11-52	2 prongs	11-58
11-54	3 prongs	11-60



11-12
11-13



11-14
11-16

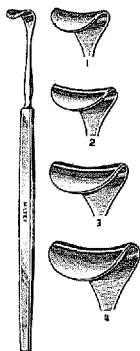


11-74
11-76



11-80
11-81

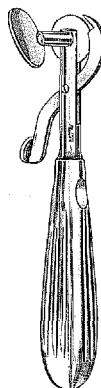
11-12	ALM Retractor 2 3/4" (7 cm), spread 2 1/4" (5.7 cm), prongs 1/8" (.32 cm) deep
11-13	ALM Retractor 3 1/8" (9.8 cm), spread 3" (7.6 cm), prongs 1/2" (1.3 cm) deep
11-14	MILTEX Cross Action Retractor 4" (10.2 cm), sharp prongs
11-16	MILTEX Cross Action Retractor 4" (10.2 cm), blunt prongs
11-74	SENN Retractor 6 3/8" (16.2 cm), sharp, double end
11-76	SENN Retractor 6 3/8" (16.2 cm), blunt, double end
11-80	MATHIEU Retractor 6 1/2" (16.5 cm), sharp, double end
11-81	MATHIEU Retractor 6 1/2" (16.5 cm), blunt, double end



18-110 to 18-116



18-570



33-140
33-142



40-94
40-96

- 18-110** DESMARRES Eye Lid Retractor 5½" (14 cm), size 1, 11 mm
- 18-112** DESMARRES Eye Lid Retractor 5½" (14 cm), size 2, 13 mm
- 18-114** DESMARRES Eye Lid Retractor 5½" (14 cm), size 3, 15 mm
- 18-116** DESMARRES Eye Lid Retractor 5½" (14 cm), size 4, 17 mm
- 18-570** GREEN Spatula 6" (15.2 cm), slightly curved ends 4 x 14 mm and 5 x 16 mm
- 33-140** Finger Ring Cutter 6½" (16.5 cm), with circular saw blade, chrome
- 33-142** Replacement Blade for Finger Ring Cutter, chrome
- 40-94** LOCKE Elevator 4½" (11.4 cm), small blade 3 x 15 mm
- 40-96** LOCKE Elevator 5" (12.1 cm), large blade 5 x 20 mm
- 18-660** Flexible Stainless Ruler 6" (15.2 cm) x ½" (1.3 cm), graduated in ½" (.8 mm) fractions & mm

For Measuring Calipers see page 239



18-660



33-200



33-201
33-202



33-203



33-204
33-206



33-210

- 33-200** SCHAMBERG Comedone Extractor 3 3/4" (9.5 cm), with square loop ends
- 33-201** SCHAMBERG Comedone Extractor 3 3/4" (9.5 cm), standard pattern with crimped small loop
- 33-202** SCHAMBERG Comedone Extractor 3 3/4" (9.5 cm), standard pattern with extra fine loops, small loop crimped
- 33-203** Comedone Extractor 4" (10.2 cm), double end, flat and wire end expressors
- 33-204** SAALFIELD Comedone Extractor 5 3/4" (14.6 cm), with acne lancet, professional pattern
- 33-206** SAALFIELD Comedone Extractor 4 1/4" (10.8 cm), with acne lancet, professional pattern
- 33-210** UNNA Comedone Extractor 5 3/4" (14.6 cm), spoon ends



33-214



33-215
33-216



33-230



33-234

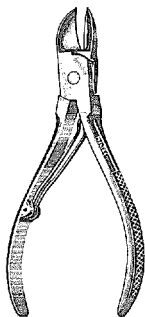


33-232



33-500

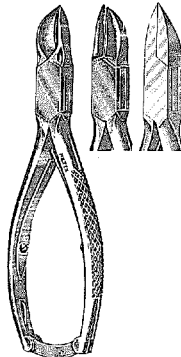
- 33-214 MILTEX Comedone Extractor 6" (15.2 cm), one fenestrated cup and one delicate curved lancet with protective cap
- 33-215 GREG Comedone Extractor 5" (12.7 cm), one fenestrated cup and chuck with interchangeable No. 65 lancet blade, protected by cap
- 33-216 Replacement Blade No. 65 for No. 33-215 Comedone Extractor
- 33-230 Finger Nail Drill 4" (10.2 cm), standard pattern, complete with 3 drill points stored in handle
- 33-232 Finger Nail Drill 4 1/2" (11.4 cm), with Chuck Head, complete with 3 drill points stored in handle
- 33-234 Set of 3 Drill Points, small, medium and large size, for Finger Nail Drills, chrome
- 33-500 MILTEX Depilatory Forceps 5 1/4" (13.3 cm), flat square tips with deep serrations



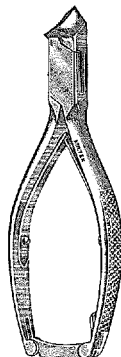
40-200



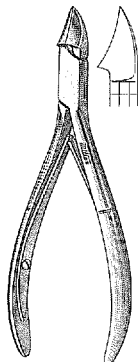
40-205
40-207



40-210
40-212

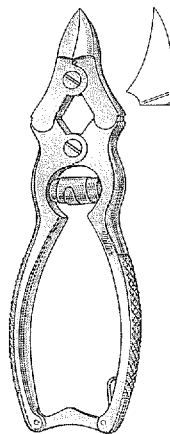


40-215

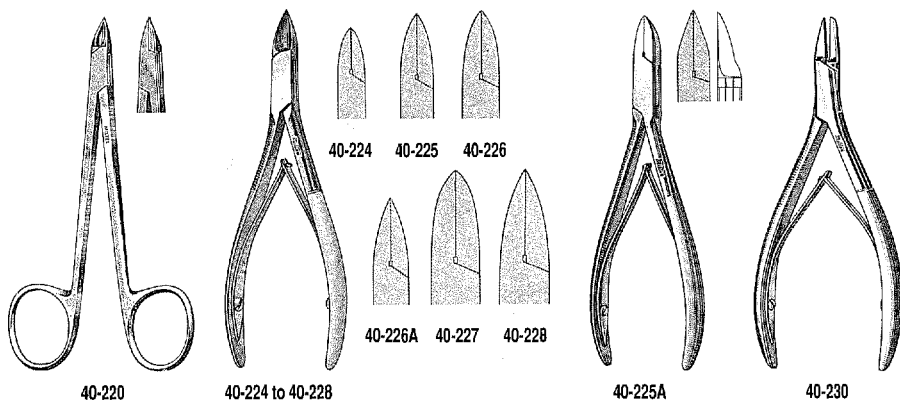


40-217

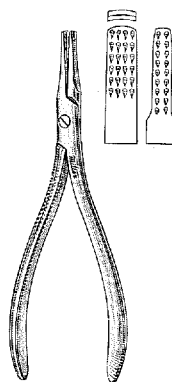
- 40-200** Nail Nipper 4 1/2" (11.4 cm), concave jaws, single spring, chrome
- 40-205** Nail Nipper 4 1/2" (11.4 cm), concave jaws, barrel spring, chrome
- 40-207** Nail Nipper 5 1/2" (14 cm), concave jaws, barrel spring, chrome
- 40-210-CH** Nail Nipper 5 1/2" (14 cm), concave jaws, double spring, chrome
- 40-210-SS** Nail Nipper 5 1/2" (14 cm), concave jaws, double spring, stainless
- 40-212-CH** Nail Nipper 5 1/2" (14 cm), straight jaws, double spring, chrome
- 40-212-SS** Nail Nipper 5 1/2" (14 cm), straight jaws, double spring, stainless
- 40-215-CH** Nail Nipper 5 1/2" (14 cm), angled concave jaws, double spring, chrome
- 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
- 40-219** Double Action Nail Nipper 6" (15.2 cm), sharp concave jaws, barrel spring, stainless



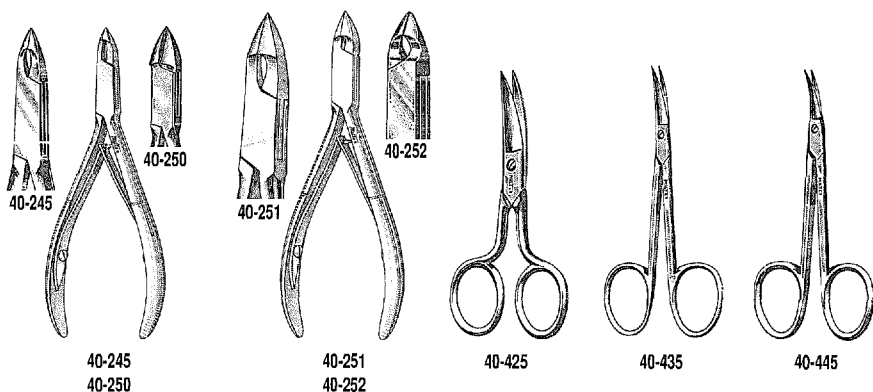
40-219



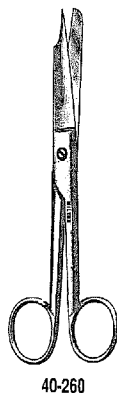
- 40-220** Tissue and Cuticle Nipper 4" (10.2 cm), straight jaws, ring handles, chrome
- 40-224** Nail Splitter 4" (10.2 cm), straight jaws, double spring, stainless
- 40-225A** Nail Splitter 4½" (11.4 cm), delicate straight jaws, double spring, stainless
- 40-225-CH** Nail Splitter 4½" (11.4 cm), straight jaws, single spring, chrome
- 40-225-SS** Nail Splitter 4½" (11.4 cm), straight jaws, double spring, stainless
- 40-226A** Nail Splitter 5" (12.7 cm), straight jaws, extra narrow, double spring, stainless
- 40-226-CH** Nail Splitter 5" (12.7 cm), straight jaws, single spring, chrome
- 40-226-SS** Nail Splitter 5" (12.7 cm), straight jaws, double spring, stainless
- 40-227-CH** Nail Splitter 6" (15.2 cm), straight jaws, single spring, chrome
- 40-227-SS** Nail Splitter 6" (15.2 cm), straight jaws, double spring, stainless
- 40-228** Nail Splitter 6" (15.2 cm), straight jaws, extra narrow, double spring, stainless
- 40-230** Nail Splitter 5" (12.7 cm), English Anvil Pattern, double spring, stainless
- 40-234** PLATYPUS Nail Pulling Forceps 5½" (14 cm), standard wide jaws, stainless
- 40-235** PLATYPUS Nail Pulling Forceps 5½" (14 cm), narrow jaws, stainless



40-234
40-235

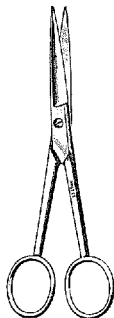


- 40-245-CH** Tissue and Cuticle Nipper 4" (10.2 cm), convex jaws, chrome
- 40-245-SS** Tissue and Cuticle Nipper 4" (10.2 cm), convex jaws, stainless
- 40-250-CH** Tissue and Cuticle Nipper 4½" (11.4 cm), convex jaws, chrome
- 40-250-SS** Tissue and Cuticle Nipper 4½" (11.4 cm), convex jaws, stainless
- 40-251-CH** Tissue and Cuticle Nipper 5" (12.7 cm), convex jaws, chrome
- 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
- 40-425** Nail Scissors 3½" (8.9 cm), curved blades, chrome
- 40-435** Cuticle Scissors 3½" (8.9 cm), curved blades, standard pattern, chrome
- 40-445** Cuticle Scissors 3½" (8.9 cm), curved blades, extra delicate, chrome
- 40-260** Ingrown Nail Splitting Scissors 6" (15.2 cm), stainless

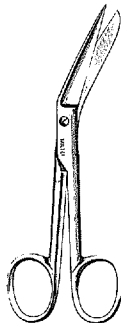




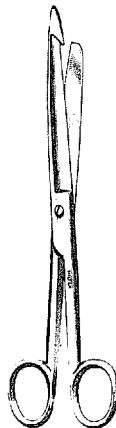
34-50
34-52



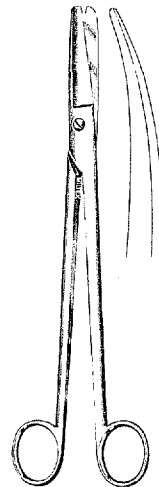
34-80



34-92

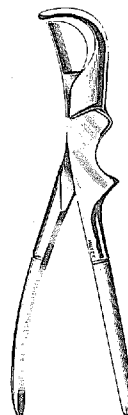


34-98



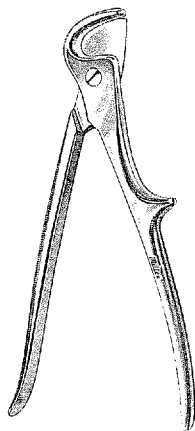
30-2605

- 34-50 VIRCHOW Brain Sectioning Knife, blade 180 mm x 20 mm, double edge
- 34-52 VIRCHOW Brain Sectioning Knife, blade 250 mm x 40 mm, double edge
- 34-80 Dissecting Scissors 4½" (11.4 cm), straight, two sharp points, economy grade
- 34-92 RICHTER Dissecting Scissors 5" (12.7 cm), angular blades, one sharp and one blunt point
- 34-98 Enterotomy Scissors 8" (20.3 cm), with hook blade
- 30-2605 DUBOIS Scissors 10½" (26.7 cm), curved, blunt points, extra heavy pattern
- 25-360 GLUCK Rib Shears 8½" (21.6 cm)

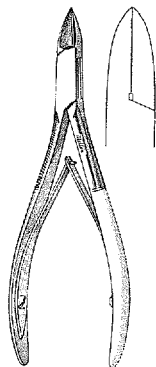


25-360

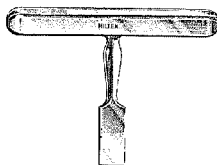
For a complete selection of Scissors see pages 18 - 52



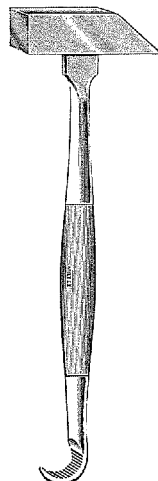
25-362



40-227-SS



34-210



34-220

- 25-362** STILLE Pattern Rib Shears 8½" (21.6 cm)
- 40-227-SS** LITTAUER-LISTON Bone Cutting Forceps 6" (15.2 cm), straight 20 mm blades
- 34-210** VIRCHOW Skull Breaker 3" (7.6 cm), blade ½" (1.3 cm) wide
- 34-220** Post Mortem Hammer 9½" (24.1 cm), with hook handle
- 34-250** Dissecting Tenaculum 6½" (16.5 cm), sharp point
- 34-256** Aneurysm Needle 6½" (16.5 cm), blunt tip with eye



34-250



34-256

INDEX

Suggested Surgical Instrument Sets

The following lists have been compiled as a guide in determining basic instrumentation requirements.

	Page Nos.
General Surgery	555-561
Genito-Urinary Surgery	562-564
Rectal Surgery	565-566
Obstetrical and Gynecological Surgery	567-570
Neurosurgery	571-575
Orthopedic Surgery	576-582
Thoracic and Cardiac Surgery	583-588
Ophthalmic Surgery	589-591
Ear, Nose and Throat Surgery	592-596
Suture	597



Surgical Instrument Sets

GENERAL SURGERY

BASIC LAPAROTOMY SET

Quantity	Catalog No.	Description
1 ea.	2-104-SS	Yankauer Suction Tube
1 ea.	3-70	Forceps Holder 8" (20.3 cm)
1 ea.	3-71	Forceps Holder 10" (25.4 cm)
1 ea.	3-72	Forceps Holder 12" (30.5 cm)
2 ea.	4-7	Knife Handle No. 3
2 ea.	4-8	Knife Handle No. 4
1 ea.	4-9	Knife Handle No. 7
1 ea.	5-16	Operating Scissors 5½" (14 cm), str. S/B
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str., Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd., Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
1 ea.	5-186TC	Metzenbaum Scissors 9" (22.9 cm), str., Carb-N-Sert blades
1 ea.	5-188TC	Metzenbaum Scissors 9" (22.9 cm), cvd., Carb-N-Sert blades
1 ea.	6-8	Thumb Dressing Forceps 5½" (14 cm)
1 ea.	6-44	Tissue Forceps 5½" (14 cm), 1 x 2 T
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
1 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
1 ea.	6-144	Russian Tissue Forceps 8" (20.3 cm)
1 ea.	6-166	Cushing Dressing Forceps 7" (17.8 cm), serr.
1 ea.	6-168	Cushing Tissue Forceps 7" (17.8 cm), 1 x 2 teeth
6 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
6 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
6 ea.	7-36	Kelly Forceps 5½" (14 cm), str.
12 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
6 ea.	7-138	Rochester-Pean Forceps 6¼" (15.9 cm), cvd.
2 ea.	7-142	Rochester-Pean Forceps 8" (20.3 cm), cvd.
4 ea.	7-150	Rochester-Ochsner Forceps 6¼" (15.9 cm), str., 1 x 2 teeth
1 ea.	7-202	Mixer Forceps 7¼" (18.4 cm), fully cvd.
1 ea.	7-206	Mixer Forceps 9" (22.9 cm)
1 ea.	7-210	Baby Mixer Forceps 5¼" (13.3 cm), fully cvd.
8 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
1 ea.	8-44TC	Mayo-Hegar Needle Holder 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	8-46TC	Mayo-Hegar Needle Holder 7" (17.8 cm), Carb-N-Sert jaws

Cont'd on next page

GENERAL SURGERY

BASIC LAPAROTOMY SET (Cont'd)

Quantity	Catalog No.
1 ea.	8-487C
1 ea.	8-130TC
1 ea.	10-312
2 ea.	11-120
1 ea.	11-122
1 ea.	11-130
1 ea.	11-134
1 ea.	11-140
1 ea.	11-202
1 ea.	11-208
1 ea.	11-246
1 ea.	11-248
1 ea.	11-267
1 ea.	11-432
2 ea.	14-48
2 ea.	16-6
2 ea.	16-12
2 ea.	16-44
2 ea.	16-48
1 ea.	18-660
4 ea.	22-662
1 ea.	24-572

Description

Mayo-Hegar Needle Holder 8" (20.3 cm), Carb-N-Sert jaws
 Mayo-Hegar Needle Holder 10½" (26.7 cm), Carb-N-Sert jaws
 Poole Suction Tube, str.
 Goelet Retractor
 U.S. Army Retractor, Set of 2
 Ribbon Retractor ¾" (1.9 cm) x 13" (33 cm)
 Ribbon Retractor 1¼" (3.2 cm) x 13" (33 cm)
 Ribbon Retractor 2" (5.1 cm) x 13" (33 cm)
 Deaver Retractor 1" (2.5 cm) x 12" (30.5 cm)
 Deaver Retractor 2" (5.1 cm) x 12" (30.5 cm)
 Richardson Retractor, small
 Richardson Retractor, large
 Kelly Retractor 2½" (6.4 cm) x 2" (5.1 cm)
 Balfour Retractor w/interchangeable blades
 Lahey Gall Duct Forceps 7½" (19.1 cm)
 Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
 Allis Tissue Forceps 10" (25.4 cm)
 Babcock Tissue Forceps 6¼" (15.9 cm)
 Babcock Tissue Forceps 9¼" (23.5 cm)
 Stainless Steel Ruler
 Schmidt Tonsil Forceps 7½" (19.1 cm)
 DeBaKey Tissue Forceps 8" (20.3 cm)

MINOR BASIC INSTRUMENT SET

Quantity	Catalog No.
1 ea.	2-104-SS
1 ea.	4-7
1 ea.	5-16
1 ea.	5-120TC
1 ea.	5-122TC
1 ea.	5-182TC
1 ea.	6-8
4 ea.	7-2

Description

Yankauer Suction Tube 11¼" (29.8 cm)
 Knife Handle No. 3
 Operating Scissors 5½" (14 cm), str. S/B
 Mayo Dissecting Scissors 5½" (14 cm), str. Carb-N-Sert blades
 Mayo Dissecting Scissors 5½" (14 cm), cvd., Carb-N-Sert blades
 Metzenbaum Scissors 7" (17.8 cm), cvd. Carb-N-Sert blades
 Dressing Forceps 5½" (14 cm)
 Halsted Mosquito Forceps 5" (12.7 cm), str.

Cont'd on next page



Surgical Instrument Sets

GENERAL SURGERY

MINOR BASIC INSTRUMENT SET (Cont'd)

Quantity	Catalog No.	Description
4 ea.	7-4	Halsted Mosquito Forceps, 5" (12.7 cm), cvd.
4 ea.	7-38	Kelly Forceps, 5½" (14 cm), cvd.
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
1 ea.	8-44TC	Mayo-Hegar Needle Holder 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	8-46TC	Mayo-Hegar Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	8-50TC	Crile Wood Needle Holder 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	10-26-SS	Probe with Eye 5½" (14 cm)
1 ea.	10-82	Grooved Director with Probe Tip and Tongue Tie 5½" (14 cm)
2 ea.	11-74	Senn Retractor, double end, sharp
2 ea.	11-552	Volkman Retractor, 3 prong, blunt
2 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
1 ea.	19-574	Frazier Ferguson Suction Tube 9 Fr. (3 mm)
2 ea.	22-662	Schmidt Hemostatic Forceps 7½" (19.1 cm), slight curve

PLASTIC SET

Quantity	Catalog No.	Description
1 ea.	5-304	Iris Scissors 4½" (11.4 cm), str.
1 ea.	5-306	Iris Scissors 4½" (11.4 cm), cvd.
1 ea.	5-180	Baby Metzenbaum Scissors 5½" (14 cm), cvd.
1 ea.	5-270	Plastic Surgery Scissors 4¾" (12.1 cm), str. S/S
1 ea.	5-290	Ragnell Scissors 5" (12.7 cm)
1 ea.	6-118	Adson Dressing Forceps, 4¾" (12.1 cm), serr.
1 ea.	6-120	Adson Tissue Forceps, 4¾" (12.1 cm), 1 x 2 T
1 ea.	6-124	Brown-Adson Tissue Forceps
2 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
2 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
1 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
1 ea.	7-48	Crile Forceps 6¼" (15.9 cm), cvd.
2 ea.	7-255	Gemini-Mixer Forceps 5½" (14 cm), full curved
8 ea.	7-504	Backhaus Towel Clamp 3½" (8.9 cm)

Cont'd on next page

GENERAL SURGERY

PLASTIC SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm)
1 ea.	8-6TC	Webster Needle Holder 5" (12.7 cm), Carb-N-Sert jaws
1 ea.	8-50TC	Crile Wood N.H. 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	11-2	Jansen Retractor
2 ea.	11-74	Senn Retractor, sharp
1 ea.	11-602	Weitlaner Retractor 4" (10.2 cm), blunt
2 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
1 ea.	19-574	Frazier Ferguson Suction Tube 9 Fr.
2 ea.	21-153	Joseph Skin Hook, single
2 ea.	21-156	Joseph Skin Hook, double 5 mm

HAND SET

Quantity	Catalog No.	Description
2 ea.	4-7	Knife Handle No. 3
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-182A-TC	Meiz Scissors 7" (17.8 cm), cvd. del. Carb-N-Sert blades
1 ea.	5-182TC	Metz Scissors 7" (17.8 cm), cvd. Carb-N-Sert blades
1 ea.	5-304TC	Iris Scs 4¾" (11.4 cm), str. Carb-N-Sert blades
2 ea.	6-8	Dressing Forceps 5½" (14 cm)
2 ea.	6-44	Tissue Forceps 5½" (14 cm), 1 x 2 T
2 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
2 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
6 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
6 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
6 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
4 ea.	7-504	Backhaus Towel Clamp 3½" (8.9 cm)
2 ea.	7-604	Foerster Sponge Forceps 7" (17.8 cm), str. serr.
2 ea.	8-42TC	Mayo-Hegar NH 5" (12.7 cm), Carb-N-Sert jaws
2 ea.	11-50	Rigid Shaft Retractor, 1 sharp prong
2 ea.	11-102	Cushing Vein Retractor
2 ea.	11-538	Volkman Retractor, ring handle, 2 blunt prongs
2 ea.	16-8	Allis Tissue Forceps 6" (15.2 cm), 5 x 6 T



Surgical Instrument Sets

GENERAL SURGERY

PEDIATRIC LAPAROTOMY SET (add Plastic Set)

Quantity	Catalog No.	Description
1 ea.	11-112	Baby Farabeuf Retractor 4¾" (12.1 cm)
1 ea.	11-144	Pediatric Ribbon Retractor ¾" (1.6 cm)
2 ea.	11-219	Pediatric Deaver Retractor ¾" (1.9 cm)
2 ea.	11-246	Richardson Retractor 1" (2.5 cm) x ¾" (1.9 cm)
1 ea.	11-430	Pediatric Balfour Retractor
6 ea.	16-4	Baby Allis Tissue Forceps 5½" (14 cm), 4 x 5 T
1 ea.	18-660	Stainless Steel Ruler

APPENDECTOMY AND HERNIA SET

Quantity	Catalog No.	Description
2 ea.	4-7	Knife Handle No. 3
2 ea.	4-8	Knife Handle No. 4
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd. Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Dissecting Scissors 7" (17.8 cm), cvd. Carb-N-Sert blades
1 ea.	6-8	Dressing Forceps 5½" (14 cm)
1 ea.	6-44	Tissue Forceps 5½" (14 cm), 1 x 2 T
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
1 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
1 ea.	6-144	Russian Tissue Forceps 8" (20.3 cm)
2 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
6 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
4 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
6 ea.	7-48	Crile Hemostatic Forceps 6¼" (15.9 cm), cvd.
6 ea.	7-154	Rochester Ochsner Forceps 8" (20.3 cm), 1 x 2 T, str.
8 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9" (22.9 cm), str. serr.
1 ea.	8-44TC	Mayo-Hegar Needle Holder 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	8-46TC	Mayo-Hegar Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	10-310	Poole Suction Tube, cvd.
1 ea.	11-122	U.S. Army Retractor, Set of 2
1 ea.	11-130	Ribbon Retractor ¾" (1.9 cm), x 13" (33 cm)
1 ea.	11-136	Ribbon Retractor 1½" (3.8 cm) x 13" (33 cm)

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GENERAL SURGERY

APPENDECTOMY AND HERNIA SET (Cont'd)

Quantity	Catalog No.	Description
2 ea.	11-247	Richardson Retractor 1 1/4" (3.2 cm) x 1" (2.5 cm)
2 ea.	11-267	Kelly Retractor 2 1/2" (6.4 cm) x 2" (5.1 cm)
4 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
2 ea.	16-44	Babcock Tissue Forceps 6 1/4" (15.9 cm)

COMMON DUCT INSTRUMENTS (add Basic Laparotomy Set)

Quantity	Catalog No.	Description
2 ea.	7-258	Gemini-Mixer Forceps 9" (22.9 cm)
1 ea.	14-2	Ochsner (Fenger) Gall Duct Probe
1 ea.	14-8	Bakes Common Duct Dilator, Set of 9
1 ea.	14-26-L	Ferguson Gall Scoop, large
1 ea.	14-26-M	Ferguson Gall Scoop, medium
1 ea.	14-26-S	Ferguson Gall Scoop, small
2 ea.	14-49	Lahey Gall Duct Forceps 9" (22.9 cm)
1 ea.	29-284	Randall Stone Forceps, 1/4 curve
1 ea.	29-286	Randall Stone Forceps, 1/2 curve
1 ea.	29-288	Randall Stone Forceps, 3/4 curve
1 ea.	29-290	Randall Stone Forceps, full curve

BOWEL RESECTION SET (add Basic Laparotomy Set)

Quantity	Catalog No.	Description
8 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
2 ea.	7-180	Rochester Carmalt Forceps 8" (20.3 cm), str.
1 ea.	16-56	Williams Tissue Forceps 6 1/2" (16.5 cm)
2 ea.	16-100	Allen Intestinal Clamp 8" (20.3 cm)
2 ea.	16-160	Doyen Intestinal Forceps 9" (22.9 cm), str.
2 ea.	16-230	Payr Pylorus Clamp 8" (20.3 cm)
1 ea.	24-552	DeBakey Tissue Forceps 7 3/4" (19.7 cm)

ABDOMINOPERINEAL RESECTION SET (add Basic Laparotomy Set and Bowel Resection Set)

Quantity	Catalog No.	Description
1 ea.	5-124TC	Mayo Dissecting Scissors 6 3/4" (17.1 cm), str., Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6 3/4" (17.1 cm), cvd., Carb-N-Sert blades

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Surgical Instrument Sets

GENERAL SURGERY

ABDOMINOPERINEAL RESECTION SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	5-130TC	Mayo Dissecting Scissors 9" (22.9 cm), cvd., Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
1 ea.	6-210	Mayo-Russian Tissue Forceps 9" (22.9 cm)
2 ea.	7-142	Rochester-Pean Forceps 8" (20.3 cm), cvd.
2 ea.	7-154	Rochester-Ochsner Forceps 8" (20.3 cm), str.
1 ea.	7-259	Gemini-Mixer Forceps 11" (27.9 cm)
1 ea.	8-52TC	Crile-Wood Needle Holder 8" (20.3 cm), Carb-N-Sert jaws
1 ea.	8-134TC	Wangensteen Needle Holder 10½" (26.7 cm), Carb-N-Sert jaws
1 ea.	11-350	Israel Retractor, 4 prongs
1 ea.	11-352	Israel Retractor, 6 prongs
2 ea.	11-542	Volkman Retractor, 4 prongs, blunt
4 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T

THYROIDECTOMY SET (add Plastic Set)

Quantity	Catalog No.	Description
1 ea.	5-182B-TC	Metzenbaum Scissors 7" (17.8 cm), cvd., sharp points, Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
2 ea.	7-98	Lovelace Forceps 6¼" (15.9 cm), str., 1 x 2 T
1 ea.	11-20	Lahey Retractor
1 ea.	11-22	Green Retractor 8½" (21.6 cm)
1 ea.	11-23	Little Retractor 7¾" (19.7 cm)
1 ea.	11-102	Cushing Vein Retractor 9" (22.9 cm)
6 ea.	12-80	Lahey Traction Forceps 6¼" (15.9 cm)

GENITO-URINARY SURGERY

NEPHRECTOMY SET

Quantity	Catalog No.	Description
2 ea.	5-182A-TC	Metzenbaum Scissors 7" (17.8 cm), delicate, Carb-N-Sert blades
2 ea.	7-206	Mixter Gallbladder Forceps 9" (22.9 cm)
6 ea.	7-252	Mosquito Forceps 8¼" (21 cm), cvd.
2 ea.	7-258	Gemini Mixter Forceps 9" (22.9 cm)
4 ea.	7-259	Gemini Mixter Forceps 11" (27.9 cm)
1 ea.	7-622	Bozeman Sponge Forceps 10½" (26.7 cm), double curve
1 ea.	8-100TC	Heaney Needle Holder 8¼" (21.6 cm), Carb-N-Sert jaws
1 ea.	8-114TC	Sarot Needle Holder 10½" (26.7 cm), Carb-N-Sert jaws
1 ea.	10-26-ST	Probe w/eye 5½" (14 cm), sterling
1 ea.	10-82	Grooved Director 5½" (14 cm), w/probe tip
2 ea.	11-102	Cushing Vein Retractor
1 ea.	13-68	Ochsner Trocar, impr. patt., 20 Fr. (6.6 mm)
1 ea.	14-56	Grey Cystic Duct Forceps 9" (22.9 cm), Set of 2
2 ea.	16-48	Babcock Tissue Forceps 9¼" (23.5 cm)
1 ea.	21-180	Love Nerve Retractor, str.
2 ea.	24-2110	Satinsky-DeBakey Forceps 9½" (24.1 cm)
1 ea.	26-1352	Love Nerve Retractor, 45° angle
1 ea.	29-284	Randall Stone Forceps, ¼ cvd.
1 ea.	29-286	Randall Stone Forceps, ½ cvd.
1 ea.	29-288	Randall Stone Forceps, ¾ cvd.
1 ea.	29-290	Randall Stone Forceps, full cvd.
2 ea.	29-304	Herrick Pedicle Clamp 9½" (24.1 cm)
2 ea.	29-308	Mayo Guyon Vessel Clamp 9¼" (23.5 cm)

PYELOPLASTY AND URETEROPLASTY SET (add Basic Laparotomy Set and Nephrectomy Set)

Quantity	Catalog No.	Description
1 ea.	5-300	Iris Scissors 4" (10.2 cm)
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
2 ea.	6-124	Brown-Adson Tissue Forceps 4¾" (12.1 cm), 7 x 7 T
12 ea.	7-10	Halsted Mosquito Forceps 5" (12.7 cm), cvd. delicate
1 ea.	8-7A-TC	Webster Needle Holder 4¾" (12.1 cm), Carb-N-Sert jaws
1 ea.	14-27	Mayo Common Duct Scoop, small
1 ea.	14-28	Mayo Common Duct Scoop, medium
1 ea.	18-660	Stainless Steel Ruler
1 ea.	19-574	Frazier Ferguson Suction Tube 9 Fr. (3 mm)



Surgical Instrument Sets

GENITO-URINARY SURGERY

SUPRAPUBIC AND RETROPUBIC PROSTATECTOMY SET (add Basic Laparotomy Set)

Quantity	Catalog No.	Description
1 ea.	5-128TC	Mayo Dissecting Scissors 9" (22.9 cm), str., Carb-N-Sert blades
1 ea.	5-130TC	Mayo Dissecting Scissors 9" (22.9 cm), cvd., Carb-N-Sert blades
6 ea.	7-142	Rochester-Pean Forceps 8" (20.3 cm), cvd.
2 ea.	11-247	Richardson Retractor 1¼" (3.2 cm) x 1" (2.5 cm)
2 ea.	11-266	Kelly Retractor 2" (5.1 cm) x 1½" (3.8 cm)
1 ea.	11-392	Masson-Judd Bladder Retractor, with center blade
1 ea.	29-2	Van Buren Sounds, Set of 6
1 ea.	29-310TC	Bihrl-Dorsal Clamp/Needle Holder, 11" (27.9 cm), Carb-N-Sert jaws

VASECTOMY — MEATOTOMY SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-304	Iris Scissors 4½" (11.4 cm), str.
1 ea.	5-306	Iris Scissors 4½" (11.4 cm), cvd.
1 ea.	5-180TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
1 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
2 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
2 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
4 ea.	7-504	Backhaus Towel Clamp 3½" (8.9 cm)
1 ea.	8-42TC	Mayo-Hegar Needle Holder 5" (12.7 cm), Carb-N-Sert jaws
1 ea.	16-3	Baby Allis Tissue Forceps 5" (12.7 cm)

TUBOPLASTY SET (add Basic Laparotomy Set)

Quantity	Catalog No.	Description
1 ea.	4-9	Knife Handle No. 7
1 ea.	5-300	Iris Scissors 4" (10.2 cm), str.
1 ea.	5-302	Iris Scissors 4" (10.2 cm), cvd.
1 ea.	6-124	Brown-Adson Tissue Forceps 4¾" (12.1 cm), 7 x 7 T
1 ea.	6-154	Potts Smith Dressing Forceps 7" (17.8 cm), serr.
4 ea.	7-10	Halsted Mosquito Forceps 5" (12.7 cm), delicate, cvd.
1 ea.	8-7A-TC	Webster Needle Holder 4¾" (12.1 cm), Carb-N-Sert jaws
1 ea.	10-26-ST	Probe w/eye 5½" (14 cm), sterling
1 ea.	17-303C	Swiss Jewelers Style Forceps No. 3C

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GENITO-URINARY SURGERY

TUBOPLASTY SET (Cont'd)

Quantity	Catalog No.	Description
2 ea.	18-416	Guthrie Hook, double prongs
1 ea.	18-740 to 18-750	Bowman Sterling Probes, Set of 6
1 ea.	18-950	Castroviejo Suturing Forceps
1 ea.	18-1625	McPherson-Vannas (Iris) Scissors 3¼" (8.3 cm), str.
1 ea.	18-1831	Castroviejo Needle Holder, w/lock, delicate
1 ea.	20-460	Frazier Ferguson Suction Tube, str. 9 Fr. (3 mm)
2 ea.	21-152	Miltex Skin Hook, 2 mm



Surgical Instrument Sets

RECTAL SURGERY

RECTAL INSTRUMENT SET

Quantity	Catalog No.	Description
1 ea.	5-16	Operating Scissors 5½" (14 cm), str. S/B
1 ea.	5-122TC	Mayo Operating Scissors 5½" (14 cm), cvd., Carb-N-Sert blades
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str., Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd., Carb-N-Sert blades
1 ea.	6-10	Dressing Forceps 6" (15.2 cm)
4 ea.	7-46	Crile Forceps 6¼" (15.9 cm), str.
2 ea.	7-138	Rochester-Pean Forceps 6¼" (15.9 cm), cvd.
4 ea.	7-220	Pennington Forceps 6" (15.2 cm)
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	8-46TC	Mayo-Hegar Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
2 ea.	11-553	Volkman Retractor, 4 prong, sharp
1 ea.	16-10	Allis Tissue Forceps, 7¼" (18.4 cm), 5 x 6 T
1 ea.	28-2	Sims Rectal Speculum
1 ea.	28-20	Hirschman Anoscope, small
1 ea.	28-22	Hirschman Anoscope, medium
1 ea.	28-24	Hirschman Anoscope, large
1 ea.	28-70	Sawyer Rectal Retractor 7/8" (2.2 cm) x 2½" (6.4 cm)
1 ea.	28-74	Sawyer Rectal Retractor 1½" (3.8 cm) x 3½" (8.9 cm)
1 ea.	28-100	Larry Probe and Grooved Director 7" (17.8 cm)
1 ea.	28-108	Pratt Rectal Probe 7¾" (19.7 cm) shaft
1 ea.	28-131	Rosser Crypt Hook 6¾" (17.1 cm)
1 ea.	28-370	Buie Suction Tube 15 Fr. (5 mm)
1 ea.	28-386	Miltex Rotating Biopsy Forceps 14" (35.6 cm)

PILONIDAL CYST EXCISION SET (add Rectal Instrument Set)

Quantity	Catalog No.	Description
1 ea.	10-28-ST	Probe w/eye 6" (15.2 cm), sterling
1 ea.	11-553	Volkman Retractor 4 prong, blunt
1 ea.	19-714	Spratt Brun Curette 6½" (16.5 cm), oval, size 3

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RECTAL SURGERY

HEMORRHOIDECTOMY SET

Quantity	Catalog No.
2 ea.	4-7
1 ea.	5-180TC
1 ea.	6-8
1 ea.	6-44
4 ea.	7-2
6 ea.	7-506
1 ea.	7-600
2 ea.	16-6
1 ea.	28-22
1 ea.	28-32
1 ea.	28-70
1 ea.	28-74

Description

Knife Handle No. 3
 Metzenbaum Scissors 5½" (14 cm), cvd., Carb-N-Sert blades
 Dressing Forceps 5½" (14 cm)
 Tissue Forceps 5½" (14 cm), 1 x 2 T
 Halsted Mosquito Forceps 5" (12.7 cm), str.
 Backhaus Towel Clamp 5½" (14 cm)
 Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
 Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
 Hirschman Anoscope, medium
 Brinkerhoff Rectal Speculum, medium
 Sawyer Rectal Retractor 7⁄8" (2.2 cm) x 2½" (6.4 cm)
 Sawyer Rectal Retractor 1½" (3.8 cm) x 3½" (8.9 cm)

FOR OFFICE PROCEDURE:

1 ea.	28-150
1 ea.	28-152
1 ea.	28-12

McGivney Hemorrhoidal Ligator. Supplied with loading cone and 100 latex O-rings
 McGivney Hemorrhoid Grasping Forceps 7" (19.1 cm)
 Fansler-Ives Rectal Speculum 3¼" (8.3 cm) long x 1⅞" (2.8 cm), chrome



Surgical Instrument Sets

OBSTETRICAL AND GYNCOLOGICAL SURGERY

DILATATION AND CURETTAGE SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	4-11	Knife Handle No. 4L
1 ea.	6-14	Dressing Forceps 8" (20.3 cm)
1 ea.	6-128	Heaney Tissue Forceps 5½" (14 cm), 2 x 3 T
4 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
1 ea.	7-622	Bozeman Dressing Forceps 10½" (26.7 cm), double cvd.
1 ea.	8-100TC	Heaney Needle Holder 8" (20.3 cm), Carb-N-Sert jaws
1 ea.	30-15	Graves Vaginal Speculum, medium size
1 ea.	30-193	Auvard Weighted Speculum 2½ lbs. (1136 g)
1 ea.	30-300	Jackson Vaginal Retractor, 1½" (3.8 cm) x 3" (7.6 cm)
1 ea.	30-305	Jackson Vaginal Retractor, 1½" (3.8 cm) x 3½" (8.9 cm)
1 ea.	30-310	Jackson Vaginal Retractor, 1½" (3.8 cm) x 4" (10.2 cm)
1 ea.	30-550	Hegar Uterine Dilators, Set of 8
1 ea.	30-650	Sims Uterine Sound
1 ea.	30-965	Schroeder Braun Tenaculum Forceps 9¾" (24.8 cm), str.
1 ea.	30-1025	Jacobs Vulsellum Forceps 8½" (21.6 cm), str.
1 ea.	30-1205-1	Sims Uterine Curette, sharp, size 1
1 ea.	30-1205-3	Sims Uterine Curette, sharp, size 3
1 ea.	30-1205-5	Sims Uterine Curette, sharp, size 5
1 ea.	30-1380	Sims Uterine Biopsy Curette

BASIC VAGINAL INSTRUMENT SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	4-11	Knife Handle No. 4L
1 ea.	5-16	Operating Scissors 5½" (14 cm), str. S/B
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd. Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd. Carb-N-Sert blades
1 ea.	6-8	Dressing Forceps 5½" (14 cm)
1 ea.	6-14	Dressing Forceps 8" (20.3 cm)
1 ea.	6-44	Tissue Forceps 5½" (14 cm), 1 x 2 T
1 ea.	6-48	Tissue Forceps 8" (20.3 cm), 1 x 2 T

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OBSTETRICAL AND GYNECOLOGICAL SURGERY

BASIC VAGINAL INSTRUMENT SET (Cont'd)

Quantity	Catalog No.	Description
4 ea.	7-36	Kelly Forceps 5½" (14 cm), str.
4 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
4 ea.	7-138	Rochester-Pean Forceps 6¼" (15.9 cm), cvd.
2 ea.	7-150	Rochester-Ochsner Forceps 6¼" (15.9 cm), str.
8 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
1 ea.	7-622	Bozeman Dressing Forceps 10½" (26.7 cm), double curved
1 ea.	11-116	Parker Retractor, Set of 2
1 ea.	11-200	Deaver Retractor 1" (2.5 cm) x 9" (22.9 cm)
2 ea.	16-10	Allis Tissue Forceps 7¼" (18.4 cm), 5 x 6 T
1 ea.	30-193	Auvard Weighted Speculum, 2½ lbs. (1136 g)
1 ea.	30-215	Sims Retractor, medium
2 ea.	30-965	Schroeder-Braun Tenaculum Forceps 9½" (24.1 cm)
1 ea.	30-1020	Skene Vulsellum Forceps 9½" (24.1 cm), str.

ABDOMINAL GYNECOLOGICAL SET (add Basic Laparotomy Set)

Quantity	Catalog No.	Description
1 ea.	4-11	Knife Handle No. 4L
1 ea.	5-130TC	Mayo Dissecting Scissors 9" (22.9 cm), cvd., Carb-N-Sert blades
1 ea.	6-52	Tissue Forceps 12" (30.5 cm), 1 x 2 T
1 ea.	6-128	Heaney Tissue Forceps, 2 x 3 T
2 ea.	7-124	Rochester-Ochsner Forceps 8" (20.3 cm), str.
1 ea.	7-600	Foerster Sponge Forceps 9" (22.9 cm), str. serr.
2 ea.	8-100TC	Heaney Needle Holder 8" (20.3 cm), curved, Carb-N-Sert jaws
1 ea.	11-410	O'Sullivan - O'Connor Retractor
2 ea.	16-10	Allis Tissue Forceps 7¼" (18.4 cm), 5 x 6 T
1 ea.	30-15	Graves Vaginal Speculum, medium
2 ea.	30-965	Schroeder-Braun Tenaculum Forceps
1 ea.	30-1010	Schroeder Vulsellum Forceps, cvd. sideways
1 ea.	30-1025	Jacobs Vulsellum Forceps, str.
1 ea.	30-1710	Heaney Hysterectomy Forceps 8¼" (21 cm), double tooth
1 ea.	30-1716	Heaney-Ballantine Hysterectomy Forceps, cvd.



Surgical Instrument Sets

OBSTETRICAL AND GYNCOLOGICAL SURGERY

LAPAROSCOPY SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
2 ea.	7-91	Coller Forceps 6¼" (15.9 cm), cvd.
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9" (22.9 cm), str. serr.
1 ea.	8-51TC	Crile-Wood Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	11-185	Heaney-Simon Retractor
2 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
1 ea.	30-15	Graves Vaginal Speculum, medium
1 ea.	30-193	Auvar Weighted Speculum 2½ lbs. (1136 g)
1 ea.	30-650	Sims Uterine Sound, grad. in cm
1 ea.	30-965	Schroeder-Braun Tenaculum Forceps 9¾" (24.8 cm)

BARTHOLIN CYST EXCISION SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str., Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd., Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
1 ea.	6-8	Dressing Forceps 5½" (14 cm)
1 ea.	6-44	Tissue Forceps 5½" (14 cm), 1 x 2 T
2 ea.	7-4	Halstead Mosquito Forceps 5" (12.7 cm), cvd.
2 ea.	7-138	Rochester Pean Forceps 6¼" (15.9 cm), cvd.
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
1 ea.	8-46TC	Mayo Hegar Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
2 ea.	16-10	Allis Tissue Forceps 7½" (19.1 cm), 5 x 6 T
1 ea.	30-193	Auvar Weighted Speculum, 2½ lbs. (1136 g)
1 ea.	30-215	Sims Vaginal Speculum, double end, medium

OBSTETRICAL AND GYNECOLOGICAL SURGERY

VAGINAL TUBAL LIGATION SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	4-11	Knife Handle No. 4L
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd. Carb-N-Sert blades
1 ea.	6-44	Tissue Forceps 5½" (14 cm), 1 x 2 T
1 ea.	6-145	Russian Tissue Forceps 10" (25.4 cm)
6 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
2 ea.	7-142	Rochester-Pean Forceps 8" (20.3 cm), cvd.
2 ea.	7-259	Gemini-Mixter Forceps 11" (27.9 cm)
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
1 ea.	8-100TC	Heaney Needle Holder 8" (20.3 cm), cvd., Carb-N-Sert jaws
1 ea.	11-185	Heaney-Simon Retractor 11½" (29.2 cm)
1 ea.	11-202	Deaver Retractor 1" (2.5 cm) x 12" (30.5 cm)
4 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
2 ea.	16-10	Allis Tissue Forceps 7¼" (18.4 cm), 5 x 6 T
2 ea.	16-46	Babcock Tissue Forceps 8¼" (21 cm)
1 ea.	30-15	Graves Vaginal Speculum, medium
1 ea.	30-193	Auvard Weighted Speculum, 2½ lbs. (1136 g)
1 ea.	30-650	Sims Uterine Sound, grad. in cm
2 ea.	30-965	Schroeder-Braun Tenaculum Forceps 9½" (24.1 cm), str.
2 ea.	30-1710	Heaney Hysterectomy Forceps 8¼" (21 cm), double tooth



Surgical Instrument Sets

NEUROSURGERY

BASIC CRANIOTOMY SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-120TC	Mayo Dissecting Scissors 5½" (14 cm), str., Carb-N-Sert blades
1 ea.	5-122TC	Mayo Dissecting Scissors 5½" (14 cm), cvd., Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
1 ea.	5-246	Potts-Smith Scissors 7½" (19.1 cm), 25° angle
1 ea.	5-250	Adson Scissors 6¼" (15.9 cm), str., sharp points
1 ea.	6-109A	Semkin Tissue Forceps 6" (15.2 cm), 1 x 2 T
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm)
1 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
1 ea.	6-168	Cushing Tissue Forceps 7" (17.8 cm), 1 x 2 T
1 ea.	6-198	Adson Bayonet Forceps 8¼" (21 cm), serr.
6 ea.	7-8	Halsted Mosquito Forceps 5" (12.7 cm), str., delicate
6 ea.	7-10	Halsted Mosquito Forceps 5" (12.7 cm), cvd., delicate
12 ea.	7-102	Dandy Scalp Hemostat 5½" (14 cm)
2 ea.	7-120	Rochester-Ochsner Forceps 6¼" (15.9 cm), str.
2 ea.	7-122	Rochester-Ochsner Forceps 7¼" (18.4 cm), str.
2 ea.	7-240	Adson Hemostatic Forceps 7¼" (18.4 cm), str.
2 ea.	7-242	Adson Hemostatic Forceps 7¼" (18.4 cm), cvd.
8 ea.	7-504	Backhaus Towel Clamp 3½" (8.9 cm)
8 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str., serr.
1 ea.	8-507C	Crile-Wood Needle Holder 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	8-517C	Crile-Wood Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
	9-2	Michel Wound Clips - 11 mm, one rack w/25 clips
1 ea.	9-124	Wire Cutting Scissors 4¾" (12.1 cm), angular
1 ea.	11-2	Jansen Retractor 4¼" (10.8 cm), blunt
1 ea.	11-8	Jansen-Wagner Retractor 5" (12.7 cm), sharp
2 ea.	11-74	Senn Retractor 6¾" (16.2 cm), double end, sharp
2 ea.	11-564	Murphy Retractor 7½" (19.1 cm), 4 prong, sharp
1 ea.	11-684	Beckman Retractor 12½" (31.8 cm), sharp
1 ea.	11-700	Adson Retractor 7½" (19.1 cm), sharp
2 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm)
1 ea.	18-1968	Freer Elevator 7" (17.8 cm), double end
1 ea.	19-572	Frazier Ferguson Suction Tube, 7 Fr. (2.3 mm)

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NEUROSURGERY

BASIC CRANIOTOMY SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	19-574	Frazier Ferguson Suction Tube, 9 Fr. (3 mm)
1 ea.	19-840	Zaufel-Jansen Rongeur 7" (17.8 cm)
1 ea.	21-180	Love Nerve Retractor 8½" (21.6 cm), str.
1 ea.	25-458	Stille-Luer Rongeur 9" (22.9 cm), angled
1 ea.	26-2	Cushing Perforator Drill
1 ea.	26-24	Cerebellar Extension
1 ea.	26-32	Hudson Brace
1 pr.	26-124	Gigli-Strully Saw Handle, Set of 2
2 ea.	26-132	Gigli Saw 20" (50.8 cm)
1 ea.	26-138	Bailey Gigli Saw Guide 12" (30.5 cm)
1 ea.	26-190	Luer Rongeur 7" (17.8 cm), str.
1 ea.	26-326	Schlesinger Cervical Rongeur 6" (15.2 cm), 3 mm upwards bite
1 ea.	26-389	Miltex-Kerrison Cervical Rongeur 7" (17.8 cm), 3 mm bite, 40° forward
1 ea.	26-397	Cushing Pituitary Rongeur
1 ea.	26-700	Scoville Brain Spatula 8" (20.3 cm)
1 ea.	26-730	Cushing Spatula Spoon 6¾" (17.1 cm)
1 ea.	26-1054	Frazier Dura Separator 6½" (16.5 cm)
2 ea.	26-1084	Frazier Dura Hook 5" (12.7 cm), sharp
1 ea.	26-1090	Adson Dura Hook 8" (20.3 cm)
1 ea.	26-1150	Dandy Nerve Hook 9" (22.9 cm), str.
1 ea.	26-1352	Love Nerve Retractor 8½" (21.6 cm), angled 45°
1 ea.	26-1354	Love Nerve Retractor 8½" (21.6 cm), angled 90°
1 ea.	26-1403	Cushing Little Joker Periosteal Elevator 6" (15.2 cm)
1 ea.	26-1412	Langenbeck Periosteal Elevator 7½" (19.1 cm)
1 ea.	26-1432	Adson Periosteal Elevator 6½" (16.5 cm), blunt

VENTRICULOGRAPHY SET

Quantity	Catalog No.	Description
2 ea.	4-7	Knife Handle No. 3
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd. Carb-N-Sert blades
1 ea.	5-182A-TC	Metzenbaum Scissors 7" (17.8 cm), cvd., delicate, Carb-N-Sert blades
1 ea.	5-250	Kelly Scissors 6¼" (15.9 cm), str., sharp points

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Surgical Instrument Sets

NEUROSURGERY

VENTRICULOGRAPHY SET (Cont'd)

Quantity	Catalog No.
1 ea.	6-109A
1 ea.	6-186
1 ea.	6-190
6 ea.	7-102
4 ea.	7-506
1 ea.	7-600
1 ea.	8-51TC
1 ea.	11-2
1 ea.	11-8
1 ea.	11-74
1 ea.	19-574
1 ea.	19-704
1 ea.	19-708
1 ea.	26-2
1 ea.	26-24
1 ea.	26-32
1 ea.	26-772
1 ea.	26-778
1 ea.	26-1084
1 ea.	26-1403
1 ea.	26-1434

Description

Semkin Tissue Forceps 6" (15.2 cm), 1 x 2 T
Cushing Tissue Forceps 7" (17.8 cm), 1 x 2 T
Cushing Bayonet Forceps 7¼" (18.4 cm), serrated
Dandy Scalp Hemostat 5½" (14 cm)
Backhaus Towel Clamp 5¼" (13.3 cm)
Foerster Sponge Forceps 9½" (24.1 cm), str., serr.
Crile-Wood Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
Jansen Retractor 4¼" (10.8 cm), blunt
Jansen-Wagner Retractor 5" (12.7 cm), sharp
Senn Retractor 6¾" (16.2 cm), double end, sharp
Frazier Ferguson Suction Tube 9 Fr. (3 mm)
Spratt Curette 6½" (16.5 cm), size 3/0
Spratt Curette 6½" (16.5 cm), size 0
Cushing Perforator Drill
Cerebellar Extension
Hudson Brace
Elsberg Cannula 7 Fr. (2.3 mm)
Frazier Needle 9 Fr. (3 mm)
Frazier Dura Hook 5" (12.7 cm), sharp
Cushing Little Joker Elevator 6" (15.2 cm)
Adson Periosteal Elevator 6½" (16.5 cm), cvd.

NEUROSURGICAL-LAMINECTOMY SET (add Basic Orthopedic Soft Tissue Set)

Quantity	Catalog No.
1 ea.	5-247
1 ea.	5-262
1 ea.	6-118
1 ea.	6-120
1 ea.	6-190
1 ea.	6-192
4 ea.	7-240
4 ea.	7-242
1 ea.	7-600
1 ea.	8-82TC

Description

Potts-Smith Scissors 7" (17.8 cm), 45° angle
Strully Scissors 8" (20.3 cm), with probe tips
Adson Dressing Forceps 4¾" (12.1 cm), serr.
Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
Cushing Dressing Forceps 7¼" (18.4 cm), bayonet, serr.
Cushing Tissue Forceps 7¼" (18.4 cm), bayonet, 1 x 2 T
Adson Hemostatic Forceps 7¼" (18.4 cm), str.
Adson Hemostatic Forceps 7¼" (18.4 cm), cvd.
Foerster Sponge Forceps 9" (22.9 cm), str. serr.
Julian Needle Holder 8¼" (21 cm), Carb-N-Sert jaws

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NEUROSURGERY

NEUROSURGICAL-LAMINECTOMY SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	11-366	Gelpi Retractor 6¾" (17.1 cm)
1 ea.	11-684	Beckman-Adson Retractor 12½" (31.8 cm), blade ¾" (1.9 cm) deep
1 ea.	19-702	Spratt Bone Curette 6½" (16.5 cm), size 4/0
1 ea.	19-706	Spratt Bone Curette 6½" (16.5 cm), size 2/0
1 ea.	19-708	Spratt Bone Curette 6½" (16.5 cm), size 0
1 ea.	20-180	Love Nerve Retractor 8½" (21.6 cm), str.
2 ea.	24-550	DeBakey Tissue Forceps 6" (15.2 cm)
1 ea.	26-24	Hudson Cerebellar Attachment
1 ea.	26-30	Hudson Brace Set, with 4 burs
1 ea.	26-91	Taylor Spinal Retractor 7¼" (18.4 cm)
1 ea.	26-388	Miltex-Kerrison Rongeur 7" (17.8 cm), 2 mm 40° forward angle
1 ea.	26-389	Miltex-Kerrison Rongeur 7" (17.8 cm), 3 mm 40° forward angle
1 ea.	26-390	Miltex-Kerrison Rongeur 7" (17.8 cm), 5 mm 40° forward angle
1 ea.	26-392A	Miltex-Kerrison Rongeur 7" (17.8 cm), 2 mm up-bite
1 ea.	26-393A	Miltex-Kerrison Rongeur 7" (17.8 cm), 2 mm down-bite
1 ea.	26-400	Love-Gruenwald Rongeur 5" (12.7 cm), str., 3 x 10 mm
1 ea.	26-410	Love-Gruenwald Rongeur 5" (12.7 cm), curved up, 3 x 10 mm
1 ea.	26-422	Love-Gruenwald Rongeur 7" (17.8 cm), curved down, 3 x 10 mm
1 ea.	26-660	Adson Aneurysm Needle 9" (22.9 cm)
1 ea.	26-730	Cushing Spatula Spoon 6¾" (17.1 cm)
1 ea.	26-1150	Dandy Nerve Hook 9" (22.9 cm), str.
1 ea.	26-1174	Smithwick Hook and Dissector 12" (30.5 cm), double end
1 ea.	26-1360	Scoville Nerve Root Retractor 9" (22.4 cm), str.
1 ea.	26-1362	Scoville Nerve Root Retractor 9" (22.9 cm), angular
1 ea.	26-1434	Adson Periosteal Elevator, cvd., semi-sharp
1 ea.	26-1451	Penfield Dissector, style 2, double end
1 ea.	26-1973	Beckman-Eaton Retractor 12¾" (32.4 cm), blade 2" (5.1 cm) deep
1 ea.	27-331	Hoke Osteotome 5½" (14 cm), ⅛" (.32 cm)
1 ea.	27-333	Hoke Osteotome 5½" (14 cm), ¼" (.64 cm)
1 ea.	27-335	Hoke Osteotome 5½" (14 cm), ⅜" (.95 cm)
1 ea.	27-336	Hoke Osteotome 5½" (14 cm), ½" (1.3 cm)



Surgical Instrument Sets

NEUROSURGERY

SKULL TRACTION SET

Quantity	Catalog No.	Description
1 ea.	5-140	Mayo Dissecting Scissors 6¾" (17.1 cm), str.
1 ea.	6-96	Tissue Forceps 6" (15.2 cm), delicate, 1 x 2 T
2 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), straight
2 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), curved
8 ea.	7-504	Backhaus Towel Clamp 3½" (8.9 cm)
1 ea.	7-600	Foerster Sponge Forceps 9" (22.9 cm), str. serr.
1 ea.	26-40	Stille Pattern Cranial Drill Set, w/set of drill points
1 ea.	26-60	Raney-Crutchfield Skull Tracing Tong w/2 points

Surgical Instrument Sets



ORTHOPEDIC SURGERY

BASIC MAJOR ORTHOPEDIC SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
2 ea.	4-8	Knife Handle No. 4
1 ea.	5-120TC	Mayo Dissecting Scissors 5½" (14 cm), str., Carb-N-Sert blades
1 ea.	5-122TC	Mayo Dissecting Scissors 5½" (14 cm), cvd., Carb-N-Sert blades
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str., Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd., Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
1 ea.	5-568	Esmarch Bandage and Cast Shears 8" (20.3 cm)
1 ea.	6-46	Tissue Forceps 6" (15.2 cm), 1 x 2 T
1 ea.	6-86	Tissue Forceps 6" (15.2 cm), 4 x 5 T
2 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
6 ea.	7-48	Crile Forceps 6¼" (15.9 cm), cvd.
4 ea.	7-154	Rochester-Ochsner Forceps 8" (20.3 cm), str.
6 ea.	7-506	Backhaus Towel Clamp 5½" (13.3 cm)
1 ea.	8-48TC	Mayo-Hegar Needle Holder 8" (20.3 cm), Carb-N-Sert jaws
1 ea.	8-507TC	Crile Wood Needle Holder 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	11-122	U.S. Army Retractor 8½" (21.6 cm), set of 2
1 ea.	11-240	Meyerdling Retractor 9½" (24.1 cm), 3½" (8.9 cm) x 2" (5.1 cm)
1 ea.	11-244	Meyerdling Retractor 9½" (24.1 cm), 2" (5.1 cm) x ¾" (1.6 cm)
1 ea.	11-350	Israel Retractor 9" (22.9 cm), 4 prong, blunt
1 ea.	11-548	Volkman Retractor 8¾" (22.2 cm), 4 prong, sharp
2 ea.	11-553	Volkman Retractor 8" (20.3 cm) x ¾" (1.9 cm), 4 prong, blunt
1 ea.	11-580	Bennett Bone Elevator 9½" (24.1 cm), small
1 ea.	11-582	Bennett Bone Elevator 9½" (24.1 cm), large
1 ea.	11-590	Hibbs Retractor 9¼" (23.5 cm)
1 ea.	11-684	Beckman Retractor 12" (30.5 cm), hinged blades
6 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
1 ea.	18-660	Stainless Steel Ruler 6" (15.2 cm)
1 ea.	19-573	Frazier Ferguson Suction Tube 8 Fr. (2.6 mm)
1 ea.	19-577	Frazier Ferguson Suction Tube 12 Fr. (4 mm)
1 ea.	19-844	Beyer Rongeur 7" (17.8 cm), cvd.
2 ea.	22-662	Schmidt Tonsil Forceps 7½" (19.1 cm)
1 ea.	25-385	Ruskin Bone Cutting Forceps 7½" (19.1 cm), angled
1 ea.	25-456	Stille-Luer Rongeur 8¾" (22.2 cm), cvd.

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Surgical Instrument Sets

ORTHOPEDIC SURGERY

BASIC MAJOR ORTHOPEDIC SET (Cont'd)

Quantity	Catalog No.	Description
2 ea.	27-2	Kern Bone Holding Forceps 9" (22.9 cm)
1 ea.	27-12	Lambotte Bone Holding Forceps 10¾" (27.3 cm)
1 ea.	27-21	Lane Bone Holding Forceps 13" (33 cm), w/ratchet
1 ea.	27-30	Lowman Bone Clamp 5" (12.7 cm)
1 ea.	27-34	Lowman Bone Clamp 8" (20.3 cm)
2 ea.	27-230	Bone Hook 9" (22.9 cm), sharp
1 ea.	27-438	Hibbs Osteotome 9" (22.9 cm), str. ¼" (.64 cm)
1 ea.	27-442	Hibbs Osteotome 9" (22.9 cm), str. ½" (1.3 cm)
1 ea.	27-446	Hibbs Osteotome 9" (22.9 cm), str. ¾" (1.9 cm)
1 ea.	27-449	Hibbs Osteotome 9" (22.9 cm), str. 1½" (2.8 cm)
1 ea.	27-458	Hibbs Gouge 9" (22.9 cm), str. ¼" (.64 cm)
1 ea.	27-462	Hibbs Gouge 9" (22.9 cm), str. ½" (1.3 cm)
1 ea.	27-466	Hibbs Gouge 9" (22.9 cm), str. ¾" (1.9 cm)
1 ea.	27-440C	Hibbs Osteotome 9" (22.9 cm), cvd. ⅜" (.96 cm)
1 ea.	27-444C	Hibbs Osteotome 9" (22.9 cm), cvd. ½" (1.6 cm)
1 ea.	27-448C	Hibbs Osteotome 9" (22.9 cm), cvd. 1" (2.5 cm)
1 ea.	27-460C	Hibbs Gouge 9" (22.9 cm), cvd. ⅜" (.96 cm)
1 ea.	27-464C	Hibbs Gouge 9" (22.9 cm), cvd. ½" (1.6 cm)
1 ea.	27-660	Miltex Mallet 11" (27.9 cm), 16 oz. (454 g)
1 ea.	27-744	Sayre Elevator 6¾" (17.1 cm), sharp
1 ea.	27-820	Key Elevator 7" (17.8 cm), ¼" (.64 cm) wide
1 ea.	27-822	Key Elevator 7½" (19.1 cm), ½" (1.3 cm) wide
1 ea.	27-826	Key Elevator 8¼" (21 cm), 1" (2.5 cm) wide

BASIC ORTHOPEDIC SOFT TISSUE SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	4-8	Knife Handle No. 4
1 ea.	5-120TC	Mayo Dissecting Scissors 5½" (14 cm), str. Carb-N-Sert blades
1 ea.	5-122TC	Mayo Dissecting Scissors 5½" (14 cm), cvd. Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd. Carb-N-Sert blades
1 ea.	5-514	Lister Bandage Scissors 5½" (14 cm)
1 ea.	6-46	Tissue Forceps 6" (15.2 cm), 1 x 2 T
1 ea.	6-86	Tissue Forceps 6" (15.2 cm), 4 x 5 T

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ORTHOPEDIC SURGERY

BASIC ORTHOPEDIC SOFT TISSUE SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	6-118	Adson Dressing Forceps 4½" (12.1 cm), serr.
4 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
4 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
6 ea.	7-38	Kelly Forceps, cvd.
4 ea.	7-66	Kocher Forceps 5½" (14 cm), str.
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	8-6TC	Webster Needle Holder 5" (12.7 cm), Carb-N-Sert jaws
1 ea.	8-50TC	Crile Wood Needle Holder 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	11-74	Senn Retractor 6¼" (15.9 cm), sharp
1 ea.	11-76	Senn Retractor 6¼" (15.9 cm), blunt
1 ea.	11-122	U.S. Army Retractor, Set of 2
1 ea.	11-160	Langenbeck Retractor 8" (20.3 cm), blade ¾" (.96 cm) x 1½" (3.2 cm)
1 ea.	11-164	Langenbeck Retractor 8" (20.3 cm), blade ½" (1.3 cm) x 1½" (3.8 cm)
1 ea.	11-546	Volkman Retractor, 2 prongs, sharp
1 ea.	11-547	Volkman Retractor, 3 prongs, sharp
1 ea.	11-590	Hibbs Retractor 9¼" (23.5 cm), double end
1 ea.	11-608	Weitlaner Retractor 5½" (14 cm), sharp
1 ea.	11-610	Weitlaner Retractor 5½" (14 cm), blunt
4 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
1 ea.	18-660	Stainless Steel Ruler
1 ea.	18-1968	Freer Elevator, double end
1 ea.	19-574	Frazier Ferguson Suction Tube 9 Fr. (3 mm), angled
1 ea.	19-794	Miltex Mallet 7½" (19.1 cm), nylon and stainless faces
1 ea.	19-848	Ruskin Rongeur 6" (15.2 cm), str.
1 ea.	20-460	Frazier Ferguson Suction Tube 9 Fr. (3 mm), str.
2 ea.	21-153	Joseph Hook 6¼" (15.9 cm), single prong
2 ea.	21-158	Joseph Hook 6¼" (15.9 cm), double prong 7 mm
1 ea.	25-384	Ruskin Bone Cutting Forceps 7½" (19.1 cm), str.
1 ea.	26-1434	Adson Periosteal Elevator, curved, semi sharp
1 ea.	27-744	Sayre Elevator, double end, sharp
1 ea.	27-820	Key Elevator 7" (17.8 cm), ¼" (.64 cm) wide
1 ea.	27-822	Key Elevator 7½" (19.1 cm), ½" (1.3 cm) wide



Surgical Instrument Sets

ORTHOPEDIC SURGERY

KNEE SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	4-9	Knife Handle No. 7
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd. Carb-N-Sert blades
1 ea.	5-180TC	Metzenbaum Scissors 5½" (14 cm), cvd. Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd. Carb-N-Sert blades
1 ea.	5-514	Lister Bandage Scissors 5½" (14 cm)
1 ea.	6-44	Tissue Forceps 5½" (14 cm), 1 x 2 T
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
2 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
1 ea.	6-134	Martin Tissue Forceps 6" (15.2 cm), 7 x 8 T
6 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
4 ea.	7-150	Rochester-Ochsner Forceps 6¼" (15.9 cm), str.
6 ea.	7-504	Backhaus Towel Clamp 3½" (8.9 cm)
1 ea.	8-6TC	Webster Needle Holder 5" (12.7 cm), Carb-N-Sert jaws
1 ea.	8-51TC	Crile Wood Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	11-74	Senn Retractor 6½" (16.5 cm), sharp
1 ea.	11-76	Senn Retractor 6½" (16.5 cm), blunt
1 ea.	11-122	U.S. Army Retractor, Set of 2
1 ea.	11-546	Volkman Retractor, 2 prong, sharp
1 ea.	11-548	Volkman Retractor, 4 prong, sharp
1 ea.	11-610	Weitlaner Retractor 5½" (14 cm), blunt
4 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm)
1 ea.	18-660	Stainless Steel Ruler
1 ea.	18-1968	Freer Elevator, double end
1 ea.	19-794	Miltex Mallet 7" (17.8 cm), nylon and stainless faces
1 ea.	26-1092	Adson Hook 8" (20.3 cm), blunt
1 ea.	26-1156	Graham Hook 7" (17.8 cm), blunt
1 ea.	26-1434	Adson Periosteal Elevator, curved, semi-sharp
2 ea.	27-223	Blount Knee Retractor 7" (17.8 cm)
1 ea.	27-224	Smillie Hook Retractor 5¾" (14.6 cm)
1 ea.	27-744	Sayre Elevator, double end, sharp
1 ea.	27-821	Key Elevator 7½" (17.8 cm), ⅝" (.96 cm) wide
1 ea.	27-826	Key Elevator 8¼" (21 cm), 1" (2.5 cm) wide

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ORTHOPEDIC SURGERY

KNEE SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	27-970	Smillie Meniscus Knife 7¼" (18.4 cm), str.
1 ea.	27-972	Smillie Meniscus Knife 7" (17.8 cm), cvd. left
1 ea.	27-974	Smillie Meniscus Knife 7" (17.8 cm), cvd. right
1 ea.	27-980	Lowe-Breck Cartilage Knife 10½" (26.7 cm)
1 ea.	27-984	Downing Cartilage Knife 10" (25.4 cm)
1 ea.	27-990	Martin Cartilage Clamp 7" (17.8 cm)
1 ea.	27-1000	Martin Cartilage Scissors 8" (20.3 cm)

BASIC TOTAL HIP SET

Quantity	Catalog No.	Description
3 ea.	2-104SS	Yankauer Suction Tube
2 ea.	4-8	Knife Handle No. 4
1 ea.	4-9	Knife Handle No. 7
1 ea.	4-11	Knife Handle No. 4L
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd. Carb-N-Sert blades
1 ea.	5-130TC	Mayo Dissecting Scissors 9" (22.9 cm), cvd. Carb-N-Sert blades
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd. Carb-N-Sert blades
1 ea.	5-184TC	Metzenbaum Scissors 8" (20.3 cm), cvd. Carb-N-Sert blades
1 ea.	6-44	Tissue Forceps 5½" (14 cm), 1 x 2 T
1 ea.	6-84	Tissue Forceps 5½" (14 cm), 4 x 5 T
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
1 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
1 ea.	6-142	Russian Tissue Forceps 6" (15.2 cm)
1 ea.	6-144	Russian Tissue Forceps 8" (20.3 cm)
6 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
6 ea.	7-44	Crile Forceps 5½" (14 cm), cvd.
6 ea.	7-48	Crile Forceps 6¼" (15.9 cm), cvd.
6 ea.	7-91	Coller Forceps 6¼" (15.9 cm), cvd.
2 ea.	7-142	Rochester-Pean Forceps 8" (20.3 cm), cvd.
4 ea.	7-154	Rochester-Ochsner Forceps 8" (20.3 cm), str.
2 ea.	7-258	Gemini-Mixer Forceps 9" (22.9 cm)
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.

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Surgical Instrument Sets

ORTHOPEDIC SURGERY

BASIC TOTAL HIP SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	8-46TC	Mayo-Hegar Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	8-48TC	Mayo-Hegar Needle Holder 8" (20.3 cm), Carb-N-Sert jaws
1 ea.	8-51TC	Crile Wood Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	11-260	Richardson-Eastman Retractor, Set of 2
1 ea.	11-366	Gelpi Retractor 6¾" (17.1 cm)
2 ea.	11-548	Volkman Retractor 4 prong, sharp
1 ea.	11-582	Bennett Bone Elevator 9¾" (24.8 cm), large blade
1 ea.	11-590	Hibbs Retractor 9¼" (23.5 cm)
1 ea.	11-614	Weitlaner Retractor 6¾" (16.5 cm), sharp
1 ea.	11-700	Adson Retractor 7¼" (19.1 cm)
6 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm)
4 ea.	16-10	Allis Tissue Forceps 7¼" (18.4 cm)
1 ea.	18-660	Stainless Steel Ruler
1 ea.	25-396	Stille-Horsley Bone Cutting Forceps 10½" (26.7 cm)
1 ea.	25-456	Stille-Luer Rongeur 8¾" (22.2 cm), cvd.
1 ea.	25-458	Stille-Luer Rongeur 9" (22.9 cm), duckbill
2 ea.	26-122	Gigli Strully Saw Handle
1 ea.	26-132	Gigli Saw 20" (50.8 cm)
1 ea.	26-138	Bailey Saw Guide
1 ea.	26-1412	Langenbeck Periosteal Elevator, wide model
1 ea.	26-1628	Spratt Curette 9" (22.9 cm), size 00
1 ea.	26-1632	Spratt Curette 9" (22.9 cm), size 2
1 ea.	26-1636	Spratt Curette 9" (22.9 cm), size 4
1 ea.	26-1640	Spratt Curette 9" (22.9 cm), size 6
1 ea.	26-1973	Beckman-Eaton Retractor 12¾" (32.4 cm)
1 ea.	27-215	Hohman Retractor 9¼" (23.5 cm), 10 mm wide
1 ea.	27-217	Hohman Retractor 9¼" (23.5 cm), 25 mm wide
1 ea.	27-219	Hohman Retractor 9¼" (23.5 cm), 70 mm wide
1 ea.	27-230	Volkman Bone Hook 9" (22.9 cm), sharp
1 ea.	27-438	Hibbs Osteotome 9" (22.9 cm), ¼" (.64 cm)
1 ea.	27-440	Hibbs Osteotome 9" (22.9 cm), ⅜" (.96 cm)
1 ea.	27-442	Hibbs Osteotome 9" (22.9 cm), ½" (1.3 cm)
1 ea.	27-444	Hibbs Osteotome 9" (22.9 cm), ⅝" (1.6 cm)
1 ea.	27-446	Hibbs Osteotome 9" (22.9 cm), ¾" (1.9 cm)

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ORTHOPEDIC SURGERY

BASIC TOTAL HIP SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	27-660	Miltex Mallet, 16 oz. (454 g)
1 ea.	27-680	Murphy Bone Skid 12" (30.5 cm)
1 ea.	27-702	Putti Bone Rasp 12" (30.5 cm), round and half-round
1 ea.	27-826	Key Periosteal Elevator 1" (2.5 cm)

AMPUTATION SET (add Orthopedic Soft Tissue Set)

Quantity	Catalog No.	Description
2 ea.	26-122	Gigli Strully Saw Handle
1 ea.	26-132	Gigli Saw 20" (50.8 cm)
1 ea.	26-138	Bailey Saw Guide
1 ea.	26-190	Luer Bone Ronguer 7" (17.8 cm), straight
1 ea.	26-1412	Langenbeck Periosteal Elevator 7½" (19.1 cm), wide, sharp
1 ea.	27-438	Hibbs Osteotome 9" (22.9 cm), ¼" (.64 cm)
1 ea.	27-442	Hibbs Osteotome 9" (22.9 cm), ½" (1.3 cm)
1 ea.	27-446	Hibbs Osteotome 9" (22.9 cm), ¾" (1.9 cm)
1 ea.	27-448	Hibbs Osteotome 9" (22.9 cm), 1" (2.5 cm)
1 ea.	27-450	Hibbs Osteotome 9" (22.9 cm), 1¼" (3.2 cm)
1 ea.	27-700	Putti Bone Rasp 10½" (26.7 cm), flat ends
1 ea.	27-1392	Liston Bone Cutting Forceps 7½" (19.1 cm), straight
1 ea.	27-1560	Satterlee Saw, 9" (22.9 cm) blade
1 ea.	27-1602	Liston Amputation Knife, 8" (20.3 cm) blade



Surgical Instrument Sets

THORACIC AND CARDIAC SURGERY

BASIC RIB INSTRUMENT SET

Quantity	Catalog No.	Description
1 ea.	8-55TC	DeBakey Needle Holder 10½" (26.7 cm), Carb-N-Sert jaws
6 ea.	16-12	Allis Tissue Forceps 10" (25.4 cm)
2 ea.	24-1602	DeBakey Multipurpose Clamp 8¼" (21 cm), 5 cm jaws
1 ea.	25-2	Doyen Rib Elevator and Raspatory, right
1 ea.	25-4	Doyen Rib Elevator and Raspatory, left
1 ea.	25-14	Matson-Alexander Periosteotome 8¾" (22.2 cm)
1 ea.	25-18	Matson Rib Elevator and Stripper 8¾" (22.2 cm)
1 ea.	25-142	Burford-Finochietto Rib Spreader, w/2 pr. blades
1 ea.	25-200	Bailey Rib Contractor
1 ea.	25-302	Allison Lung Retractor 12¾" (32.4 cm)
1 ea.	25-350	Bethune Rib Shears 13½" (34.9 cm)
1 ea.	25-396	Stille-Horsley Bone Cutting Forceps 10½" (26.7 cm)
1 ea.	25-480	Sauerbruch Rongeur 12" (30.5 cm), square jaws 17 mm
1 ea.	25-510	Leksell Rongeur 9½" (24.1 cm), 3 mm bite
2 ea.	25-754	Duval Tissue Grasping Forceps 9" (22.9 cm), 1" (2.5 cm) wide

THORACOTOMY SET (add Basic Laparotomy Set)

Quantity	Catalog No.	Description
1 ea.	2-104SS	Yankauer Suction Tube
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-182B-TC	Metzenbaum Scissors 7" (17.8 cm), cvd., del., Carb-N-Sert blades
1 ea.	5-189TC	Metzenbaum Scissors 9" (22.9 cm), cvd., del., Carb-N-Sert blades
1 ea.	6-136	Martin Tissue Forceps 7½" (19.1 cm), 7 x 8 T
1 ea.	6-158TC	Potts-Smith Tissue Forceps 9¾" (24.8 cm), Carb-N-Sert jaws
12 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
12 ea.	7-91	Coller Forceps 6¼" (15.9 cm), cvd.
12 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	8-52TC	Crile Wood Needle Holder 8" (20.3 cm), Carb-N-Sert jaws
1 ea.	8-55TC	Crile Wood Needle Holder 10½" (26.7 cm), Carb-N-Sert jaws
1 ea.	8-81TC	New Orleans Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	8-130TC	Mayo-Hegar Needle Holder 10½" (26.7 cm), Carb-N-Sert jaws
1 ea.	11-130	Ribbon Retractor ¾" (1.9 cm), x 13" (33 cm)
1 ea.	11-134	Ribbon Retractor 1¼" (3.2 cm) x 13" (33 cm)
1 ea.	11-140	Ribbon Retractor 2" (5.1 cm) x 13" (33 cm)

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THORACIC AND CARDIAC SURGERY

THORACOTOMY SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	11-246	Richardson Retractor 1" (2.5 cm) x ¾" (1.9 cm)
1 ea.	11-248	Richardson Retractor 1½" (3.8 cm) x 1½" (3.8 cm)
1 ea.	11-266	Kelly Retractor 2" (5.1 cm) x 1½" (3.8 cm)
1 ea.	11-268	Kelly Retractor 3" (7.6 cm) x 2½" (6.4 cm)
1 ea.	11-314	Harrington Retractor 12" (30.5 cm), 2½" (6.4 cm) wide
1 ea.	11-316	Harrington Retractor 12" (30.5 cm), 1½" (3.8 cm) wide
2 ea.	11-549	Volkman Retractor 6 prongs, sharp
2 ea.	11-553	Volkman Retractor 4 prongs, blunt
1 ea.	18-1968	Freer Elevator, double end
2 ea.	24-572	DeBakey Tissue Forceps 8" (20.3 cm)
2 ea.	24-1602	DeBakey Multipurpose Clamp
1 ea.	25-2	Doyen Rib Raspatory, right
1 ea.	25-4	Doyen Rib Raspatory, left
1 ea.	25-18	Matson Rib Elevator and Stripper 8¾" (22.2 cm)
1 ea.	25-22	Alexander-Farabeauf Periosteotome 8¼" (21 cm)
1 ea.	25-142	Burford-Finocchio Rib Spreader, 2 pr. blades
1 ea.	25-200	Bailey Rib Contractor
1 ea.	25-302	Allison Lung Retractor 12¾" (32.4 cm)
1 ea.	25-456	Stille-Luer Bone Rongeur 8¾" (22.2 cm), cvd.
1 ea.	25-480	Sauerbruch Rib Rongeur 12" (30.5 cm), str. 17 mm sq. jaws
2 ea.	25-754	Duval Tissue Grasping Forcep 9" (22.9 cm), 1" (2.5 cm) wide
2 ea.	25-814	Mixer Thoracic Forceps 11" (27.9 cm)

CLOSED THORACOSTOMY SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-120TC	Mayo Dissecting Scissors 5½" (14 cm), str. Carb-N-Sert blades
2 ea.	7-46	Crile Forceps 6¼" (15.9 cm), str.
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str., serrated
1 ea.	13-9	Patterson Trocar, Size 2, 7.5 mm
1 ea.	13-11	Patterson Trocar, Size 4, 12 mm



Surgical Instrument Sets

THORACIC AND CARDIAC SURGERY

OPEN THORACOSTOMY SET (add Thoracotomy Instruments)

Quantity	Catalog No.	Description
1 ea.	25-350	Bethune Rib Shears 13¾" (34.9 cm)
1 ea.	25-360	Gluck Rib Shears 8½" (21.6 cm)

LOBECTOMY AND SEGMENTAL LUNG RESECTION SET (add Thoracotomy Instruments)

Quantity	Catalog No.	Description
1 ea.	5-192	Nelson Lobectomy Scissors 11" (27.9 cm), cvd.
6 ea.	7-142	Rochester-Pean Forceps 8" (20.3 cm)
2 ea.	7-202	Mixter Forceps 7¼" (18.4 cm)
4 ea.	16-10	Allis Tissue Forceps 7¼" (18.4 cm)
2 ea.	16-12	Allis Tissue Forceps 10" (25.4 cm)
2 ea.	16-54	Duval Lung Grasping Forceps 8" (20.3 cm), 1" (2.5 cm) wide
1 ea.	25-142	Burford-Finocchio Rib Spreader, 2 pr. blades
2 ea.	25-800	Sarot Intra-Thoracic Artery Forceps 9½" (24.1 cm)
2 ea.	25-814	Mixter Thoracic Forceps 11" (27.9 cm)
1 ea.	25-880	Sarot Bronchus Clamp 9" (22.9 cm), left
1 ea.	25-882	Sarot Bronchus Clamp 9" (22.9 cm), right

BASIC OPEN HEART SET

Quantity	Catalog No.	Description
2 ea.	2-104SS	Yankauer Suction Tube
1 ea.	4-7	Knife Handle No. 3
1 ea.	4-8	Knife Handle No. 4
1 ea.	4-9	Knife Handle No. 7
1 ea.	5-124TC	Mayo Dissecting Scissors 6¾" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¾" (17.1 cm), cvd. Carb-N-Sert blades
1 ea.	5-180TC	Metzenbaum Scissors 5½" (14 cm), cvd., Carb-N-Sert blades
2 ea.	5-182A-TC	Metzenbaum Scissors 7" (17.8 cm), cvd., delicate, Carb-N-Sert blades
1 ea.	5-184TC	Metzenbaum Scissors 8" (20.3 cm), cvd., Carb-N-Sert blades
1 ea.	5-192TC	Metzenbaum Scissors 11" (27.9 cm), cvd., Carb-N-Sert blades
1 ea.	5-193A-TC	Metzenbaum Scissors 12" (30.5 cm), cvd., Carb-N-Sert blades
2 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
1 ea.	6-144	Russian Tissue Forceps 8" (20.3 cm)
1 ea.	6-168	Cushing Tissue Forceps 7" (17.8 cm), 1 x 2 T

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THORACIC AND CARDIAC SURGERY

BASIC OPEN HEART SET (Cont'd)

Quantity	Catalog No.	Description
6 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
18 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
6 ea.	7-44	Crile Forceps 5½" (14 cm), cvd.
4 ea.	7-91	Coller. Forceps 6¼" (15.9 cm), cvd.
4 ea.	7-144	Rochester-Pean Forceps 9" (22.9 cm), cvd.
2 ea.	7-154	Rochester-Ochsner Forceps 8" (20.3 cm), str.
2 ea.	7-202	Mixer Forceps 7¼" (18.4 cm)
2 ea.	7-252	Mosquito Forceps 8¼" (21 cm), cvd.
1 ea.	7-258	Gemini-Mixer Forceps 9" (22.9 cm)
8 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
2 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str., serr.
1 ea.	8-46TC	Mayo-Hegar Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	8-51TC	DeBakey Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	8-53TC	DeBakey Needle Holder 9" (22.9 cm), Carb-N-Sert jaws
1 ea.	11-260	Richardson-Eastman Retractor, double end, Set of 2
4 ea.	16-12	Allis Tissue Forceps 10" (25.4 cm)
1 ea.	24-552	DeBakey Thoracic Tissue Forceps 7¾" (19.7 cm)
1 ea.	24-570	DeBakey Tissue Forceps 6" (15.2 cm)
1 ea.	24-574	DeBakey Tissue Forceps 9½" (24.1 cm)
2 ea.	24-1000	Glover Patent Ductus Clamp, str.
1 ea.	24-1600	DeBakey Multipurpose Clamp 9½" (24.1 cm), 4 cm jaws
1 ea.	24-1604	DeBakey Multipurpose Clamp 9½" (24.1 cm), 6.5 cm jaws
1 ea.	24-2110	Satinsky-DeBakey Vascular Clamp 9½" (24.1 cm), medium
4 ea.	V97-591	U.S. Pattern Tube Occluding Forceps 7½" (19.1 cm)

MAJOR CARDIOVASCULAR SET (add Basic Laparotomy Set)

Quantity	Catalog No.	Description
1 ea.	4-10	Knife Handle No. 3L
1 ea.	5-182A-TC	Metzenbaum Scissors 7" (17.8 cm), cvd. delicate, Carb-N-Sert blades
1 ea.	5-182B-TC	Metzenbaum Scissors 7" (17.8 cm), cvd. sharp points, Carb-N-Sert blades
1 ea.	5-246	Potts-Smith Scissors 7½" (19.1 cm), 25° angle



Surgical Instrument Sets

THORACIC AND CARDIAC SURGERY

MAJOR CARDIOVASCULAR SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	5-247	Potts-Smith Scissors 7½" (19.1 cm), 45° angle
1 ea.	5-248	Potts-Smith Scissors 7½" (19.1 cm), 60° angle
1 ea.	5-249A	Potts-Smith Scissors 7" (17.8 cm), 25° angle, delicate
1 ea.	6-158TC	Potts-Smith Tissue Forceps 9¾" (24.8 cm), Carb-N-Sert jaws
12 ea.	7-32	Providence Hospital Forceps 5½" (14 cm), cvd.
1 ea.	8-53TC	DeBakey Needle Holder 9" (22.9 cm), Carb-N-Sert jaws
2 ea.	11-23	Little Retractor 7¾" (19.7 cm)
1 ea.	11-102	Cushing Vein Retractor 9" (22.9 cm)
1 ea.	11-136	Ribbon Retractor 1½" (3.8 cm) x 13" (33 cm)
2 ea.	11-224A	Deaver Retractor 3" (7.6 cm) x 12" (30.5 cm), w/handle
1 ea.	11-266	Kelly Retractor 2" (5.1 cm) x 1½" (3.8 cm)
1 ea.	11-268	Kelly Retractor 3" (7.6 cm) x 2½" (6.4 cm)
1 ea.	11-314	Harrington Retractor 12" (30.5 cm) , 2½" (6.4 cm) wide
1 ea.	11-316	Harrington Retractor 12" (30.5 cm), 1½" (3.8 cm) wide
2 ea.	11-548	Volkman Retractor 4 prong, sharp
1 ea.	18-1968	Freer Elevator, double end
1 ea.	19-574	Frazier Suction Tube 9 Fr. (3 mm)
1 ea.	24-550	DeBakey Thoracic Tissue Forceps 6" (15.2 cm)
1 ea.	24-554	DeBakey Thoracic Tissue Forceps 9½" (24.1 cm)
2 ea.	24-702	Glover Bulldog Clamp 8 cm, str.
2 ea.	24-752	Glover Bulldog Clamp 8 cm, cvd.
1 ea.	24-1300	DeBakey-Semb Ligature Carrier 10¼" (26 cm)
1 ea.	24-1408	DeBakey Vascular Clamp 12¼" (31.1 cm), curved, 10 cm
1 ea.	24-1600	DeBakey Multipurpose Clamp 9½" (24.1 cm), 60° angle, 4 cm
1 ea.	24-1604	DeBakey Multipurpose Clamp 9½" (24.1 cm), 60° angle, 6.5 cm
1 ea.	24-2020	DeBakey Tangential Occlusion Clamp 10¼" (26 cm)
2 ea.	25-784	Rumel Thoracic Forceps 9" (22.9 cm), full curve

AORTIC-CORONARY GRAFT SET (add Basic Open Heart Set)

Quantity	Catalog No.	Description
1 ea.	5-246	Potts-Smith Scissors 7½" (19.1 cm), 25° angle
1 ea.	5-248	Potts-Smith Scissors 7½" (19.1 cm), 60° angle
6 ea.	7-10	Halsted Mosquito Forceps 5" (12.7 cm), cvd., delicate

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THORACIC AND CARDIAC SURGERY

AORTIC-CORONARY GRAFT SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	8-6TC	Webster Needle Holder 5" (12.7 cm), smooth, Carb-N-Sert jaws
1 ea.	11-74	Senn Retractor, sharp
1 ea.	11-76	Senn Retractor, blunt
1 ea.	11-548	Volkman Retractor, 4 prong, blunt
1 ea.	11-549	Volkman Retractor, 6 prong, blunt
1 ea.	11-608	Weillaner Retractor 5½" (14 cm), sharp
1 ea.	19-576	Frazier-Ferguson Suction Tube, 11 Fr. (3.6 mm)
1 ea.	24-600	DeBakey Bulldog Clamp, 7.5 cm, straight
1 ea.	24-604	DeBakey Bulldog Clamp, 10.5 cm, straight
1 ea.	24-652	DeBakey Bulldog Clamp, 8.5 cm, curved
1 ea.	24-656	DeBakey Bulldog Clamp, 12 cm, curved
2 ea.	24-800	DeBakey Ring Handle Bulldog Clamp 5" (12.7 cm), str.



Surgical Instrument Sets

OPHTHALMIC SURGERY

BASIC EYE SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	4-9	Knife Handle No. 7
1 ea.	4-401	Miniature Blade Handle w/improved self-locking chuck 3¾" (9.5 cm), (3K type)
1 ea.	5-300	Iris Scissors 4" (10.2 cm), str.
1 ea.	5-302	Iris Scissors 4" (10.2 cm), cvd.
4 ea.	7-8	Halsted Mosquito Forceps 5" (12.7 cm), str. delicate
6 ea.	7-10	Halsted Mosquito Forceps 5" (12.7 cm), cvd. delicate
4 ea.	7-504	Backhaus Towel Forceps 3½" (8.9 cm)
1 ea.	9-110	O'Brien Stitch Scissors 3¾" (9.5 cm)
1 ea.	18-2	Lancaster Eye Speculum
1 ea.	18-12	Castroviejo Eye Speculum, medium size
1 ea.	18-112	Desmarres Lid Retractor, size 2
1 ea.	18-452	Von Graefe Strabismus Hook 5½" (14 cm), medium
1 ea.	18-564	Castroviejo Spatula 5½" (14 cm)
1 ea.	18-650	Castroviejo Caliper 3¼" (8.3 cm)
1 ea.	18-780	Eye Dressing Forceps 4" (10.2 cm), str.
1 ea.	18-782	Eye Dressing Forceps 4" (10.2 cm), cvd.
1 ea.	18-786	Iris Forceps 4" (10.2 cm), 1 x 2 T, str.
1 ea.	18-787	Iris Forceps 4" (10.2 cm), 1 x 2 T, cvd.
1 ea.	18-850	Graefe Fixation Forceps 4¾" (11.2 cm)
1 ea.	18-951	Castroviejo Suturing Forceps 4" (10.2 cm), 1 x 2 T
1 ea.	18-1000	Arruga Capsule Forceps 4" (10.2 cm)
1 ea.	18-1202	Desmarres Chalazion Forceps 3½" (8.9 cm), medium
1 ea.	18-1464	Stevens Tenotomy Scissors 4½" (10.5 cm), cvd. blunt
1 ea.	18-1560	Castroviejo Corneal Scissors 4½" (11.4 cm), right
1 ea.	18-1562	Castroviejo Corneal Scissors 4½" (11.4 cm), left
1 ea.	18-1618	Micro Iris Scissors 4" (10.2 cm), str.
1 ea.	18-1620	Micro Iris Scissors 4" (10.2 cm), cvd.
1 ea.	18-1652	Eye Suture (Gradle) Scissors 3¾" (9.5 cm), slightly cvd.
1 ea.	18-1828TC	Castroviejo Needle Holder 5½" (14 cm), str. w/lock, Carb-N-Sert jaws
2 ea.	18-2200	Fox Eye Shields, aluminum

OPHTHALMIC SURGERY

CATARACT SURGERY SET (add Basic Eye Set)

Quantity	Catalog No.	Description
1 ea.	18-33	Maumenee-Park Eye Speculum, w/lock screws
1 ea.	18-172	Troutman-Barraquer Blade Breaker
1 ea.	18-452	Von Graefe Strabismus Hook 5½" (14 cm), medium size
1 ea.	18-486	Wilder Lens Loop 5¼" (13.3 cm), smooth
1 ea.	18-613	Kirby Hook and Expressor 6" (15.2 cm)
1 ea.	18-827	Troutman-Barraquer Colibri Corneal Forceps 0.4 mm, 3" (7.6 cm)
1 ea.	18-904	O'Brien Fixation Forceps 4" (10.2 cm), 1 x 2 T
1 ea.	18-952	Castroviejo Suturing Forceps 4" (10.2 cm), 0.6 mm teeth
1 ea.	18-1049	Castroviejo Capsule Forceps 4" (10.2 cm), new curve
1 ea.	18-1487	Westcott Tenotomy Scissors 5¼" (13.3 cm), right
1 ea.	18-1524	DeWecker Iris Scissors 4¼" (10.8 cm), sharp points
1 ea.	18-1558	Castroviejo Corneal Scissors 4" (10.2 cm), right, 6 mm blades
1 ea.	18-1559	Castroviejo Corneal Scissors 4" (10.2 cm), left, 6 mm blades
1 ea.	18-1832TC	Castroviejo Needle Holder 5½" (14 cm), cvd. w/lock, Carb-N-Sert jaws

EYE MUSCLE AND ENUCLEATION SET (add Basic Eye Set)

Quantity	Catalog No.	Description
1 ea.	5-312	Strabismus Scissors 4" (10.2 cm), str.
1 ea.	5-314	Strabismus Scissors 4" (10.2 cm), cvd.
1 ea.	7-256	Gemini-Mixer Forceps 7" (17.8 cm), delicate
2 ea.	7-280	Serrefine 1½" (3.8 cm), str.
1 ea.	18-62	McKinney Eye Speculum
1 ea.	18-904	O'Brien Fixation Forceps 4" (10.2 cm), 1 x 2 T
1 ea.	18-1252	Prince Advancement Forceps 3½" (9.5 cm)
1 ea.	18-1498	Enucleation Scissors 5" (12.7 cm), full curve

RETINAL SURGERY SET (add Basic Eye Set)

Quantity	Catalog No.	Description
2 ea.	7-280	Serrefine 1½" (3.8 cm), str.
1 ea.	18-446	Jameson Strabismus Hook 5" (12.7 cm)
1 ea.	18-452	Von Graefe Strabismus Hook 5½" (14 cm), medium
1 ea.	18-910	Gifford Fixation Forceps 4" (10.2 cm), 1 x 2 T
1 ea.	18-966	McCullough Suturing Forceps 4" (10.2 cm), 1 x 2 T
1 ea.	18-1487	Westcott Tenotomy Scissors 5¼" (13.3 cm), right



Surgical Instrument Sets

OPHTHALMIC SURGERY

DACRYOCYSTORHINOSTOMY SET (add Basic Eye Set)

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-180A-TC	Metzenbaum Scissors, 5½" (14 cm), delicate, Carb-N-Sert blades
1 ea.	9-124	Wire Cutting Scissors 4¾" (12.1 cm), angular
1 ea.	18-34	Wire Speculum
1 ea.	18-88	Goldstein Lachrymal Sac Retractor
1 ea.	18-412	Tyrell Hook 5" (12.7 cm), sharp
1 ea.	18-660	Stainless Ruler 6" (15.2 cm)
1 ea.	18-691	Castroviejo Lacrimal Dilator 5½" (14 cm), double end
1 ea.	18-740	Bowman Probe size 4/0 and 3/0
1 ea.	18-742	Bowman Probe size 2/0 and 0
1 ea.	18-744	Bowman Probe size 1 and 2
1 ea.	18-746	Bowman Probe size 3 and 4
1 ea.	18-784	Eye Dressing Forceps 4" (10.2 cm), full cvd.
1 ea.	18-1960	Freer Chisel 6½" (16.5 cm), cvd.
1 ea.	18-1962	West Chisel 6½" (16.5 cm), str.
1 ea.	18-1968	Freer Elevator 7" (17.8 cm), double end
1 ea.	18-1990	Kerrison Rongeur, 3.5 mm bite, 3" (7.6 cm) shaft
1 ea.	19-192	Lathbury Applicator 5½" (14 cm)
1 ea.	19-370	Lucae Bayonet Forceps 5½" (14 cm)
1 ea.	19-572	Frazier Ferguson Suction Tube 7 Fr. (2.3 mm)
1 ea.	19-580	Baron Suction Tube 3 Fr. (1 mm)
1 ea.	19-793	Miltex Mallet 7½" (19.1 cm), stainless and nylon faces
1 ea.	19-1232	Lempert Rongeur 6¼" (15.9 cm), cvd.
1 ea.	20-24	Beckman Nasal Speculum 6" (15.2 cm)
1 ea.	20-36-50	Cottle Septum Speculum, 50 mm blades
1 ea.	20-570	Takahashi Nasal Forceps, 2.5 x 10 mm bite, 4½" (11.4 cm) shaft

EAR, NOSE AND THROAT SURGERY

BASIC EAR SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-122TC	Mayo Dissecting Scissors 5½" (14 cm), cvd. Carb-N-Sert blades
1 ea.	5-180A-TC	Metzenbaum Scissors 5½" (14 cm), cvd., delicate, Carb-N-Sert blades
1 ea.	5-182A-TC	Metzenbaum Scissors 7" (17.8 cm), cvd., delicate, Carb-N-Sert blades
1 ea.	5-314	Strabismus Scissors 4" (10.2 cm), cvd.
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
1 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
6 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
2 ea.	7-36	Kelly Forceps 5½" (14 cm), str.
4 ea.	7-504	Backhaus Towel Clamp 3½" (8.9 cm)
1 ea.	8-8A-TC	Halsey Needle Holder 5" (12.7 cm), serrated, Carb-N-Sert jaws
1 ea.	9-124	Wire Cutting Scissors 4¾" (12.1 cm), angular
1 ea.	11-2	Jansen Retractor 4¼" (10.8 cm), blunt
1 ea.	11-6	Allport Retractor 4" (10.2 cm), sharp
2 ea.	11-74	Senn Retractor 6¾" (16.2 cm), sharp
1 ea.	11-160	Langenbeck Retractor ¾" (.95 cm) x 1¼" (3.2 cm)
1 ea.	11-164	Langenbeck Retractor ½" (1.3 cm) x 1½" (3.8 cm)
2 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm)
1 ea.	18-850	Graefe Tissue Forceps 4¾" (11.2 cm)
1 ea.	18-1968	Freer Elevator 7" (17.8 cm), double end
1 ea.	19-50-1	Farrier Ear Speculum size 1
1 ea.	19-50-3	Farrier Ear Speculum size 3
1 ea.	19-50-5	Farrier Ear Speculum size 5
1 ea.	19-50-7	Farrier Ear Speculum size 7
1 ea.	19-260	Buck Ear Curette, size 00, str. sharp
1 ea.	19-264	Buck Ear Curette, size 1, str. sharp
1 ea.	19-371	Jansen Ear Forceps 6¼" (15.9 cm)
1 ea.	19-572	Frazier Ferguson Suction Tube 7 Fr. (2.3 mm)
1 ea.	19-574	Frazier Ferguson Suction Tube 9 Fr. (3 mm)
1 ea.	19-660	Wullstein Endaural Retractor
2 ea.	21-153	Joseph Single Hook 6¼" (15.9 cm)



Surgical Instrument Sets

EAR, NOSE AND THROAT SURGERY

MYRINGOTOMY SET

Quantity	Catalog No.	Description
1 ea.	5-270	Plastic Surgery Scissors 4¾" (12.1 cm), str. sharp points
1 ea.	19-50-1	Farrier Ear Speculum, size 1
1 ea.	19-50-3	Farrier Ear Speculum, size 3
1 ea.	19-50-5	Farrier Ear Speculum, size 5
1 ea.	19-50-7	Farrier Ear Speculum, size 7
1 ea.	19-192	Lathbury Applicator 5½" (14 cm)
1 ea.	19-270	Buck Ear Curette, size 00 angled, sharp
1 ea.	19-274	Buck Ear Curette, size 1 angled, sharp
1 ea.	19-371	Jansen Ear Forceps 6½" (15.9 cm)
1 ea.	19-500	Sexton Ear Knife 7" (17.8 cm), str.
1 ea.	19-572	Frazier Ferguson Suction Tube 7 Fr. (2.3 mm)
1 ea.	19-582	Baron Suction Tube 5 Fr. (1.7 mm)

BASIC NASAL SET

Quantity	Catalog No.	Description
1 ea.	2-104SS	Yankauer Suction Tube
1 ea.	4-7	Knife Handle No. 3
1 ea.	4-9	Knife Handle No. 7
1 ea.	5-122TC	Mayo Dissecting Scissors 5½" (14 cm), cvd., Carb-N-Sert blades
1 ea.	5-180A-TC	Metzenbaum Scissors 5½" (14 cm), cvd., delicate, Carb-N-Sert blades
1 ea.	5-182A-TC	Metzenbaum Scissors 7" (17.8 cm), cvd., delicate, Carb-N-Sert blades
1 ea.	5-276	Plastic Surgery Scissors 4¾" (12.1 cm), cvd., S/S
2 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
6 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
4 ea.	7-504	Backhaus Towel Clamp 3¾" (8.9 cm)
1 ea.	8-8A-TC	Halsey Needle Holder 5" (12.7 cm), serr., Carb-N-Sert jaws
2 ea.	11-74	Senn Retractor, sharp
1 ea.	11-122	U.S. Army Retractor, Set of 2
2 ea.	16-4	Baby Allis Tissue Forceps 5" (12.7 cm)
1 ea.	18-850	Graefe Forceps 4¾" (11.2 cm)
1 ea.	19-202	Farrell Applicator 6½" (16.5 cm)
2 ea.	19-572	Frazier Suction Tube, 7 Fr. (2.3 mm)

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EAR, NOSE AND THROAT SURGERY

BASIC NASAL SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	20-3	Vienna Nasal Speculum, medium
1 ea.	20-30	Killian Septum Speculum, 3" (7.6 cm) blades
1 ea.	20-36-50	Cottle Septum Speculum, 50 mm delicate blades
1 ea.	20-120	Wilde Nasal Dressing Forceps 6½" (16.5 cm)
1 ea.	21-153	Joseph Single Hook
1 ea.	21-154	Joseph Double Hook, 2 mm
1 ea.	21-158	Joseph Double Hook, 7 mm
1 ea.	21-188	Aufrecht Nasal Retractor-Speculum 6½" (16.5 cm)
1 ea.	21-630	Joseph Nasal Scissors 5¾" (14.6 cm), str.
1 ea.	21-632	Joseph Nasal Scissors 5¾" (14.6 cm), cvd.

MINOR NASAL SET

Quantity	Catalog No.	Description
1 ea.	10-220	Anthony Suction Tube
1 ea.	20-3	Vienna Nasal Speculum, medium
1 ea.	20-30	Killian Septum Speculum, 3" (7.6 cm) blades
1 ea.	20-36-50	Cottle Septum Speculum, 50 mm delicate blades
1 ea.	20-140	Noyes Alligator Forceps 5½" (14 cm), serr.
1 ea.	20-572	Takahashi Ethmoid Forceps 4½" (11.4 cm), 2.5 mm bite

MAJOR NASAL SET (add Basic Nasal Set)

Quantity	Catalog No.	Description
1 ea.	5-180A-TC	Metzenbaum Scissors 5½" (14 cm), cvd. B/B, Carb-N-Sert blades
1 ea.	5-182A-TC	Metzenbaum Scissors 7" (17.8 cm), cvd. B/B, Carb-N-Sert blades
1 ea.	5-300	Iris Scissors 4" (10.2 cm), str.
1 ea.	5-312	Strabismus Scissors 4" (10.2 cm), str.
1 ea.	5-314	Strabismus Scissors 4" (10.2 cm), cvd.
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
1 ea.	6-197	Jansen (Gruenwald) Bayonet Dressing Forceps 6¼" (15.9 cm)
1 ea.	8-51TC	Crile-Wood Needle Holder 7" (17.8 cm), Carb-N-Sert jaws
1 ea.	18-110	DesMarres Lid Retractor
1 ea.	18-650	Castroviejo Caliper 3¼" (8.3 cm)
1 ea.	18-660	Stainless Steel Ruler
1 ea.	18-1968	Freer Elevator 7" (17.8 cm), double end

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Surgical Instrument Sets

EAR, NOSE AND THROAT SURGERY

MAJOR NASAL SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	19-172	Uebe Applicator 7" (17.8 cm), cross serrated
1 ea.	19-794	Miltex Mallet 7½" (19.1 cm)
1 ea.	20-30	Killian Septum Speculum 6" (15.2 cm)
2 ea.	20-36-50	Cottle Septum Speculum 6" (15.2 cm)
1 ea.	20-124	Hartman Nasal Dressing Forceps 7" (17.8 cm)
1 ea.	20-218	Ballenger Swivel Knife, str., 3 mm
1 ea.	20-224	Ballenger Swivel Knife 7¼" (19.7 cm), bayonet
1 ea.	21-24	Converse Bistouri 6" (15.2 cm), cvd.
1 ea.	21-28	Fomon Knife 5½" (14 cm), double edge, cvd.
1 ea.	21-32	Cottle Nasal Knife 5½" (14 cm)
1 ea.	21-64	Joseph Elevator 7" (17.8 cm), cvd.
1 ea.	21-68	Fomon Periosteal Elevator 6¼" (15.9 cm)
1 ea.	21-89	Gillies Skin Hook 7" (17.8 cm)
1 ea.	21-144	Cottle Double Hook 5½" (14 cm), sharp
1 ea.	21-148	Fomon Retractor 6½" (16.5 cm), double ball end prongs
1 ea.	21-150	Cottle Retractor 5½" (14 cm), 4 prong
1 ea.	21-153	Joseph Single Hook 6¼" (15.9 cm)
2 ea.	21-156	Joseph Double Hook 6¼" (15.9 cm), sharp, 5 mm
1 ea.	21-163	Converse Alar Retractor 4" (10.2 cm)
1 ea.	21-165	Cottle Knife Guide and Retractor 8" (20.3 cm)
1 ea.	21-176	Neivert Knife Guide and Retractor 6½" (16.5 cm), double end
1 ea.	21-205-4	Sheehan Osteotome 6¼" (15.9 cm), 4 mm
1 ea.	21-205-8	Sheehan Osteotome 6¼" (15.9 cm), 8 mm
1 ea.	21-205-10	Sheehan Osteotome 6¼" (15.9 cm), 10 mm
1 ea.	21-205-12	Sheehan Osteotome 6¼" (15.9 cm), 12 mm
1 ea.	21-212	Cottle Septum Chisel 7¼" (18.4 cm), cvd.
1 ea.	21-215	Cinelli Osteotome 6½" (16.5 cm)
1 ea.	21-232	Neivert Osteotome 8" (20.3 cm)
1 ea.	21-280	Joseph Nasal Saw 7½" (19.1 cm), str.
1 ea.	21-330	Joseph Rasp 6¼" (15.9 cm)
1 ea.	21-342	Maltz Rasp 7" (17.8 cm)
1 ea.	21-343	Maltz Rasp D/E 8¼" (21 cm)
1 ea.	21-348	Aufrecht Glabella Rasp 8¼" (21 cm)

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EAR, NOSE AND THROAT SURGERY

MAJOR NASAL SET (Cont'd)

Quantity	Catalog No.	Description
1 ea.	21-440	Cottle Columella Forceps 4½" (11.4 cm)
1 ea.	21-602	Fomon Lower Lateral Scissors 5" (12.7 cm), cvd.
1 ea.	21-604TC	Fomon Dorsal Scissors 5½" (14 cm), angular, Carb-N-Sert blades
1 ea.	21-610	Cottle Dorsal Scissors 6½" (16.5 cm)
1 ea.	21-660	Ash Septum Straightner 9" (22.9 cm)
2 ea.	22-662	Schmidt Hemostatic Forceps 7½" (19.1 cm)

TONSILLECTOMY AND ADENOIDECTOMY SET

Quantity	Catalog No.	Description
1 ea.	2-104SS	Yankauer Suction Tube
1 ea.	2-180	Molvor Mouth Gag w/3 blades
1 ea.	4-9	Knife Handle No. 7
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
1 ea.	7-190	Miculicz Tonsil Forceps 7½" (19.1 cm)
4 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	7-604	Ballenger Sponge Forceps 7" (17.8 cm), str., serrated
1 ea.	8-50TC	Crile-Wood Needle Holder 6" (15.2 cm), Carb-N-Sert jaws
1 ea.	8-52TC	Crile-Wood Needle Holder 8" (20.3 cm), Carb-N-Sert jaws
1 ea.	20-800	Barnhill Adenoid Curette 8½" (21.6 cm), size 0
1 ea.	20-802	Barnhill Adenoid Curette 8½" (21.6 cm), size 1
1 ea.	20-804	Barnhill Adenoid Curette 8½" (21.6 cm), size 2
1 ea.	20-836	Love Uvula Retractor, 18 mm
1 ea.	20-850	LaForce Adenotome 9½" (24.1 cm), extra small, size 0
1 ea.	20-854	LaForce Adenotome 9½" (24.1 cm), medium, size 2
1 ea.	20-926	Meltzer Adenoid Punch, size 1, triangular jaws
1 ea.	22-4	Wieder Tongue Depressor, large
1 ea.	22-550	White Tonsil Seizing Forceps 7½" (19.1 cm), cvd.
6 ea.	22-662	Schmidt Tonsil Forceps 7½" (19.1 cm)
1 ea.	22-666	Sawtell Tonsil Forceps 7½" (19.1 cm)
1 ea.	22-808	Fischer Tonsil Knife and Dissector 8½" (21.6 cm)
1 ea.	22-854	Hurd Tonsil Dissector and Pillar Retractor 9" (22.9 cm)
1 ea.	22-1010	Beck-Schenck Tonsil Snare with 1 straight and 3 vedder tips
1 ea.	22-1030	Sage Automatic Ratchet Tonsil Snare



Surgical Instrument Sets

SUTURE

E.R. SUTURE SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-290	Ragnell Dissecting Scissors 5" (12.7 cm)
1 ea.	5-16	Operating Scissors 5½" (14 cm), str. S/B
1 ea.	6-118	Adson Dressing Forceps 4¾" (12.1 cm), serr.
1 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
2 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
2 ea.	7-4	Halsted Mosquito Forceps 5" (12.7 cm), cvd.
1 ea.	7-36	Kelly Forceps 5½" (14 cm), str.
1 ea.	7-38	Kelly Forceps 5½" (14 cm), cvd.
2 ea.	7-504	Backhaus Towel Clamp 3½" (8.9 cm)
1 ea.	8-50TC	Crile-Wood Needle Holder 6" (15.2 cm), Carb-N-Sert jaws

SMALL SUTURE SET (For Doctor's Office or E.R.)

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-312	Strabismus Scissors 4¼" (10.8 cm), str.
1 ea.	5-314	Strabismus Scissors 4¼" (10.8 cm), cvd.
2 ea.	6-120	Adson Tissue Forceps 4¾" (12.1 cm), 1 x 2 T
4 ea.	7-4	Halstead Mosquito Forceps 5" (12.7 cm), cvd.
2 ea.	7-26	Hartman Mosquito Forceps 3½" (8.9 cm), cvd.
2 ea.	8-6TC	Webster Needle Holder 5" (12.7 cm), smooth Carb-N-Sert jaws

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