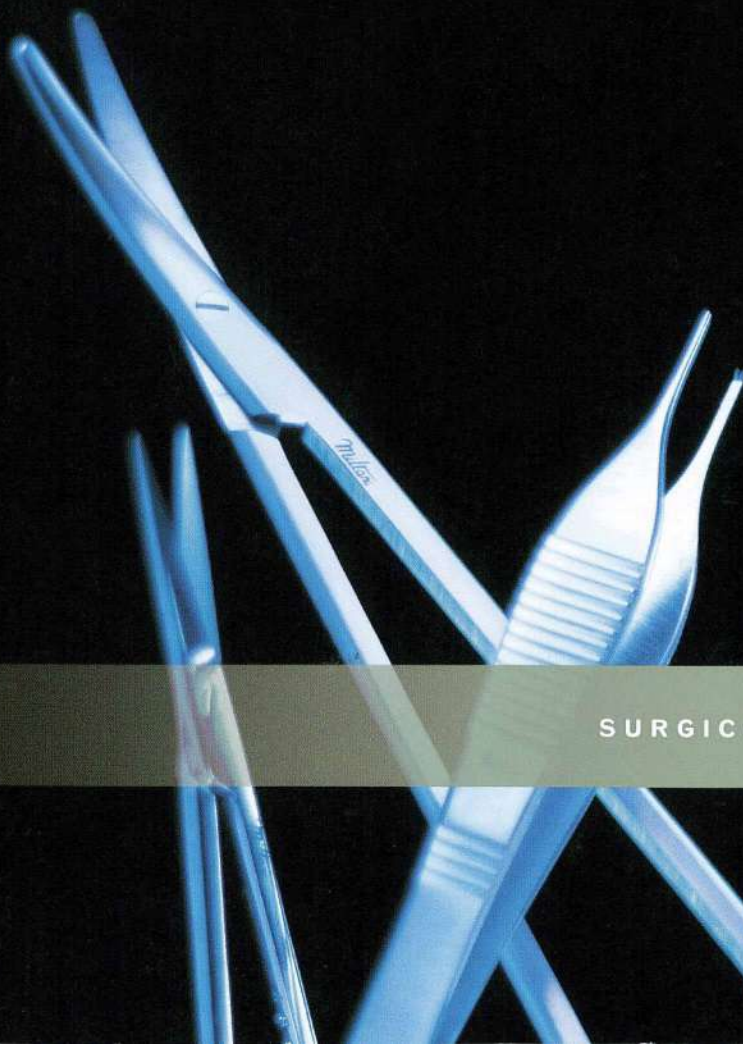


Miltex[®]
Redefining Excellence



SURGICAL



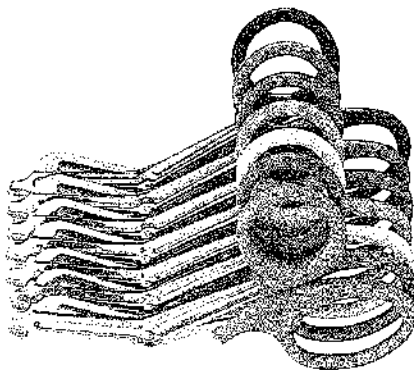
For complete alphabetical index see pages 598 to 614

For complete numerical index see pages 616 to 639

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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"
--------	---

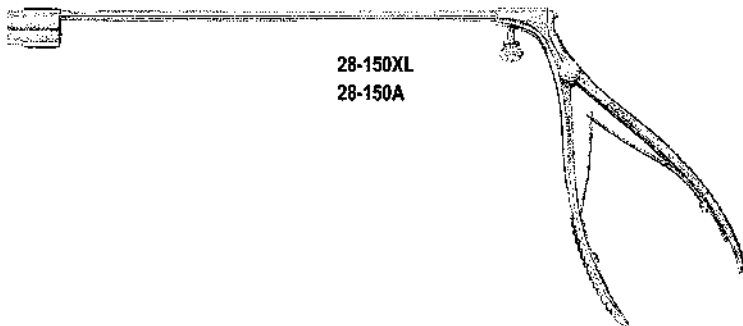
27-198	Double Trocar Partial Threaded - 5/32" x 10"
--------	--

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

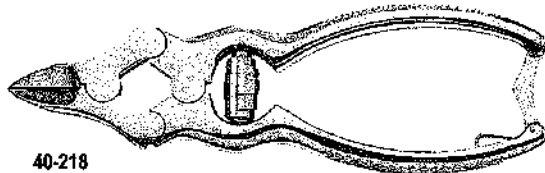
RECTAL INSTRUMENTS

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.



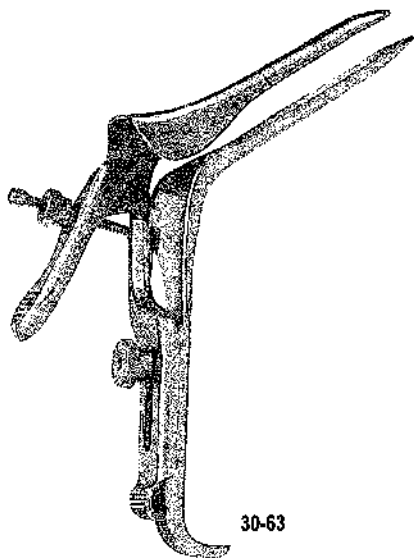
4-405

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.



30-63

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

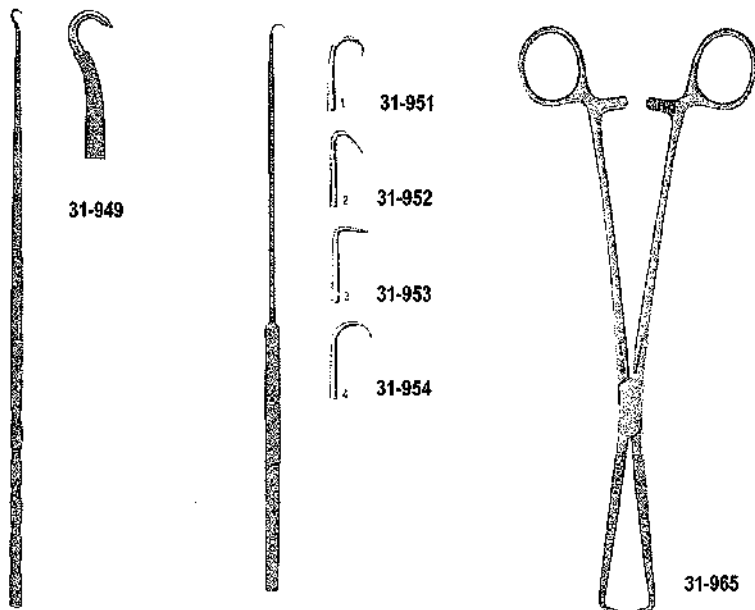
- Ideally suited for LEEP/LLETZ
- Highest quality German crafted instruments thermally insulated with a superior, non-conductive blue nylon coating
- Exceeds high voltage testing requirements
- Autoclavable (carefully follow Miltex Care & Handling Instructions, supplied with instrument)
- Limited 1-year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



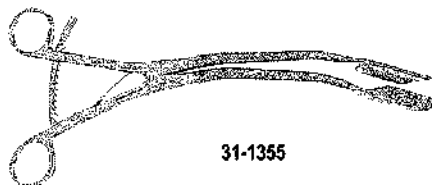
31-1351

31-1352

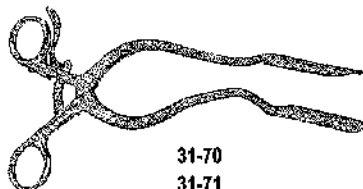


31-1353

31-1354



31-1355

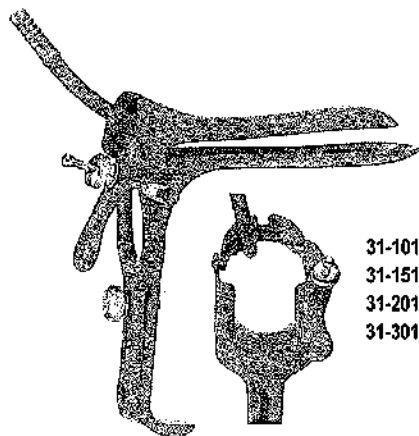


31-70

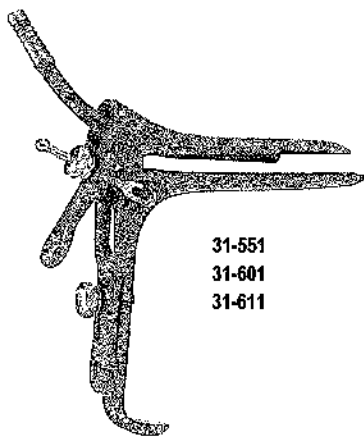
31-71

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

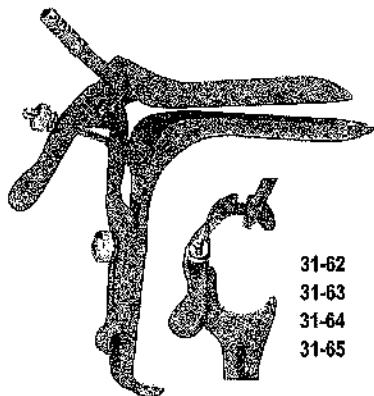


31-101
31-151
31-201
31-301

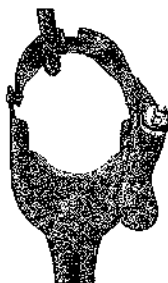


31-551
31-601
31-611

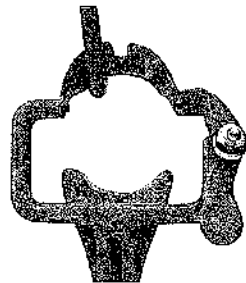
Part #	Description
31-101	LEEP Graves Speculum Small (3" x 7/8") (7.6 cm x 2.2 cm) with Smoke Evacuation Tube (2.8cm opening)
31-151	LEEP Graves Speculum Medium (4" x 1-1/4") (10.2 cm x 3.2 cm) with Smoke Evacuation Tube (2.8cm opening)
31-201	LEEP Graves Speculum Large (4-1/2" x 1-3/8") (11.4 cm x 3.5 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

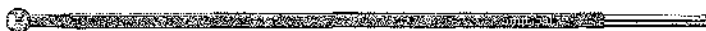


31-66
31-67



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)



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



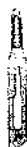
15G



1V



2V



3V

PODIATRY AND DERMATOLOGY BLADES

Stainless Steel specialty surgical blades –

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

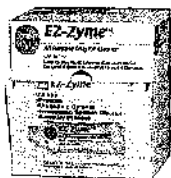
<u>Cat#</u>	<u>Size</u>	<u>Uses</u>
4-601	#1	Debridement of calloused nail groves
4-602	#2	Biopsy of small cutaneous lesions
4-603	#3	Removal of plantar warts
4-604	#15G	Debridement of heel callus
4-605	#1V	Removal of foreign bodies
4-606	#2V	Enucleation of callus with painful core
4-607	#3V	Used for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



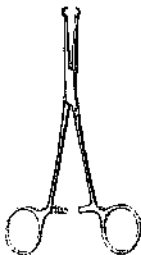
19-113



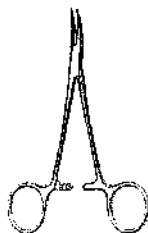
19-115



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

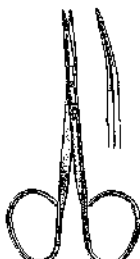
29-805 No Scalpel Vasectomy Ring Clamp 5 1/2" (14cm), gold finger rings
29-850 No Scalpel Vasectomy Hemostat 5 1/2" (14cm), smooth sharp point, curved, gold finger rings
29-855 No Scalpel Vasectomy Instrument Set - One of each

TOWNSEND ENDOCERVICAL BIOPSY CURETTE

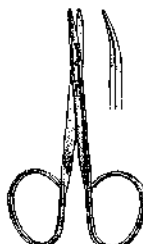
30-1384 12" (30.5cm), loop size 1 X 7 mm



5-269TC



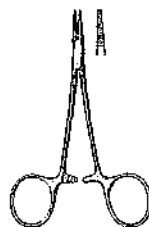
5-263*



5-400*

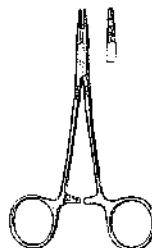


6-127



8-3TC

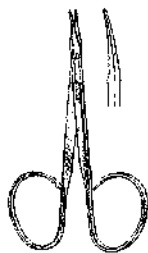
- 5-269TC** KAYE Dissecting Scissors 4 1/2" (11.5cm), curved, one serrated blade, CARB-N-SERT blade
- 5-263*** KAYE Fine Dissecting Scissors 4 11/32" (11cm), serrated blades, ribbon type
- 5-400*** MILTEX Utility Scissors 4 1/16" (10.3cm), curved blunt tips, ribbon type
- 6-127** GRIFFITHS-BROWN Tissue Forceps 4 11/32" (11cm), delicate, 1.5 X 5mm Brown-type teeth



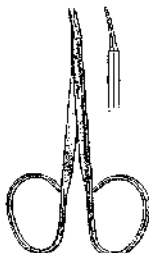
8-5TC

- 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

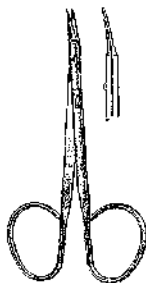
**Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished*



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

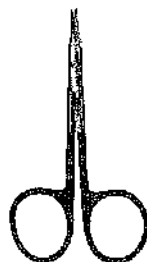
9-116* MILTEX Stitch Scissors 3 7/8" (9.8cm), curved, sharp pointed tips, ribbon type

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

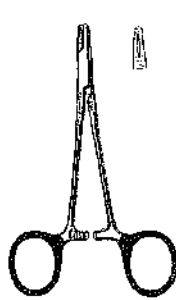
18-1456 STEVENS Tenotomy Scissors 6 1/4" (15.9cm), curved

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

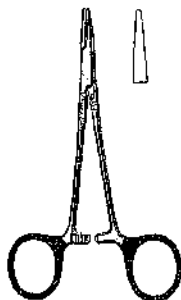


18-SC-1652

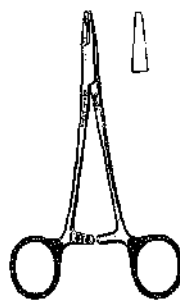
**Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished*



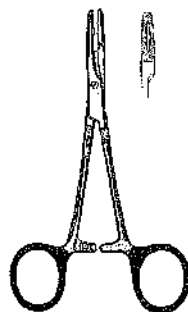
8-4CG



**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)

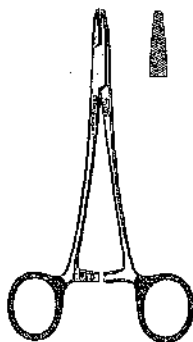
8-6CG WEBSTER 5" (12.7cm), delicate, smooth jaws, standard pattern

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

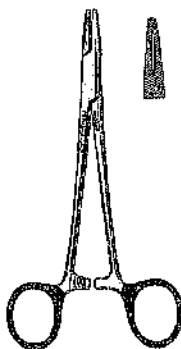
8-8CG HALSEY 5" (12.7cm), smooth jaws

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

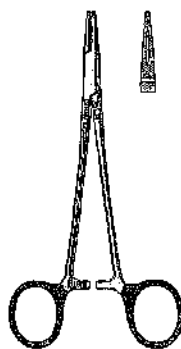
8-16CG OLSEN-HEGAR 6 1/2" (16.5cm), needle holder/scissors combination



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

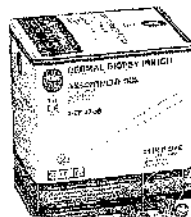
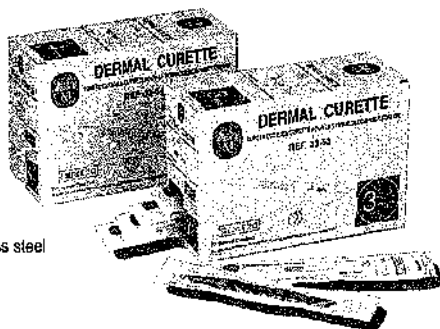
DISPOSABLE DERMAL CURETTES

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

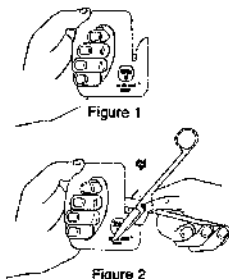
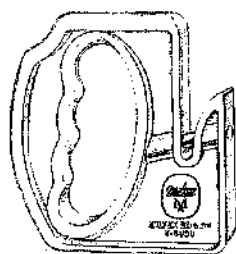
NP 20



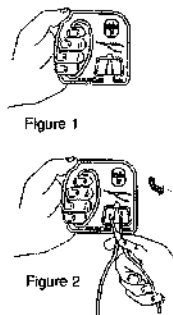
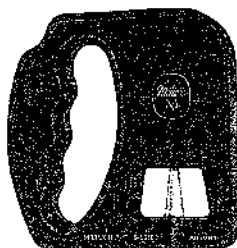
See page 526 for other available sizes



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



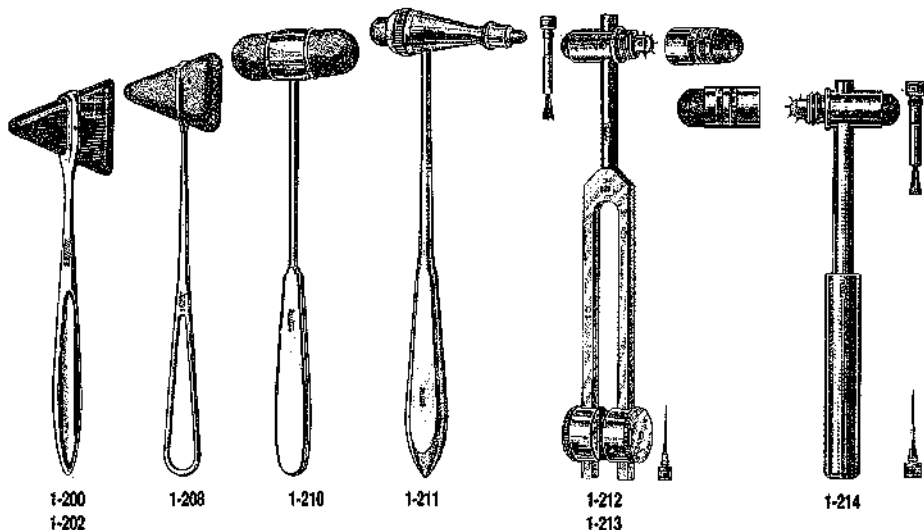
PRODUCT NUMBER

DIMENSION

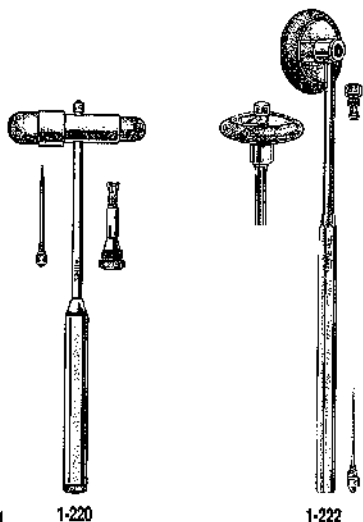
SIZE CODE

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		



- 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

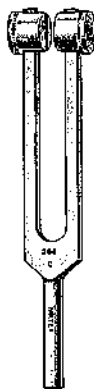




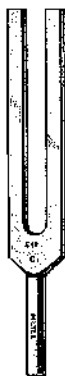
19-100



19-102



19-104



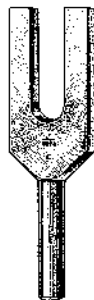
19-106



19-108



19-110



19-112

MILTEK TUNING FORKS, Aluminum Alloy

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

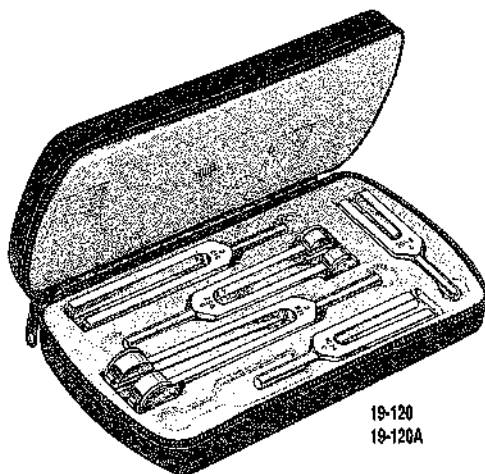
C-64 vibrations
C-128 vibrations
C-256 vibrations
C-512 vibrations
C-1024 vibrations
C-2048 vibrations
C-4096 vibrations

19-120

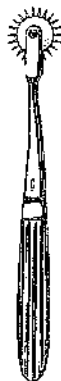
Set of 5 Tuning Forks,
C-128, C-256, C-512,
C-1024 and C-2048 in
fitted zippered case

19-120A

Fitted zippered case only
for tuning fork set



19-120
19-120A



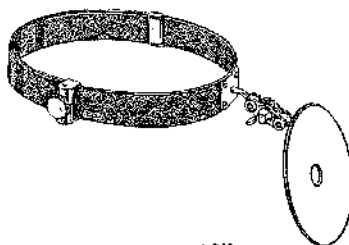
1-226



1-228



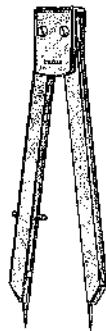
1-242
1-243



1-240
1-244



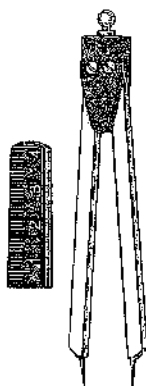
1-3000



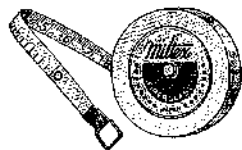
1-3005



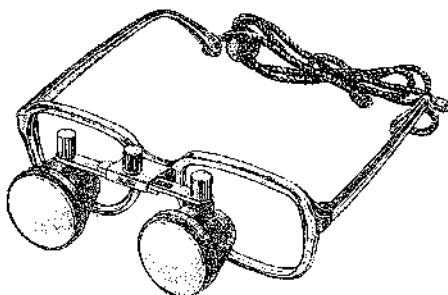
- 1-226** WARTENBERG Neurological Pin Wheel 7" (17.8 cm)
- 1-228** COLLIN Dynamometer, Adult size, 5" x 2 1/4" (12.7 x 5.7 cm)
- 1-240** FRANKEL Head Band and Mirror Set. Includes Standard 3 1/2" (8.9 cm) dia. mirror with 1/8" (1.3 cm) aperture and improved model Frankel Head Band No. 1-244
- 1-242** MILTEX Head Mirror, Standard size 3 1/2" (8.9 cm) dia. with 1/8" (1.3 cm) aperture, boilable
- 1-243** MILTEX Head Mirror, Small size 3" (7.6 cm) dia. with 1/8" (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

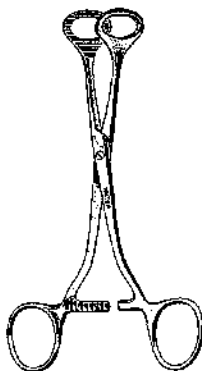


1-4

- 1-3200** MILTEX Fibreglass Tape Measure, $\frac{1}{4}$ " (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



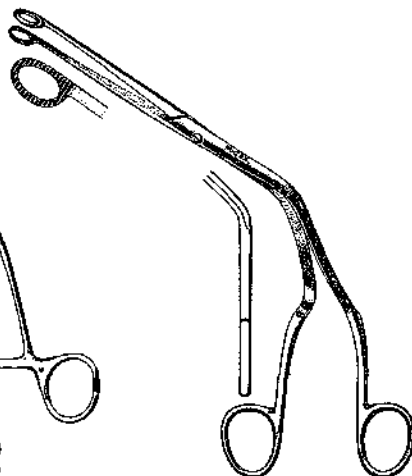
2-20



2-50

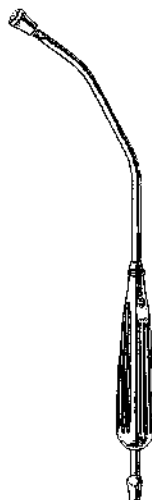


2-60
2-62



2-70
2-72

- 2-20 MAUNDER Oral Screw, white plastic
- 2-50 COLLIN Tongue Seizing Forceps 6 1/2" (17.1 cm) jaws 25mm wide
- 2-60 YOUNG Tongue Seizing Forceps 6 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 3/4" (29.8 cm), with removable tip and tubing connection, chrome
- 2-104SS YANKAUER Suction Tube 11 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



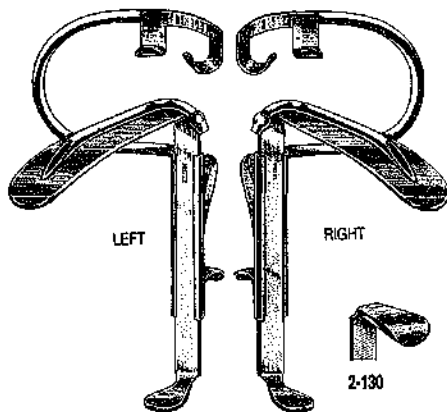
2-100



2-109



2-110
2-110SS

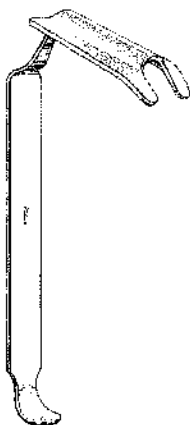


LEFT

RIGHT

2-130

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



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

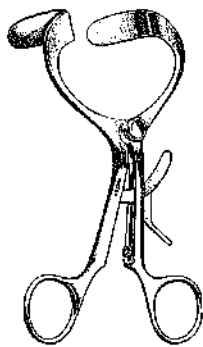
BLADES FOR DAVIS OR McIVOR MOUTH GAGS

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

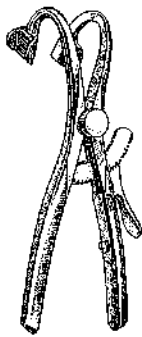
RING TONGUE RETRACTOR BLADES

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

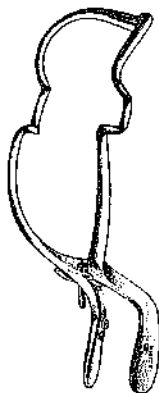
Left	Size No.	Size	Right
2-140	2	7/8" x 2 1/4" (2.2 x 5.7 cm)	2-144
2-141	3	1 1/8" x 3" (2.9 x 7.6 cm)	2-145
2-142	4	1 1/4" x 3 1/2" (3.2 x 8.9 cm)	2-146
2-143	5	1 1/2" x 3 3/4" (3.8 x 9.5 cm)	2-147



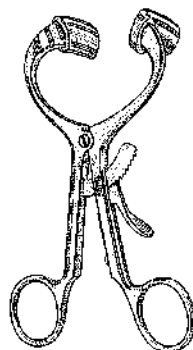
2-150



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

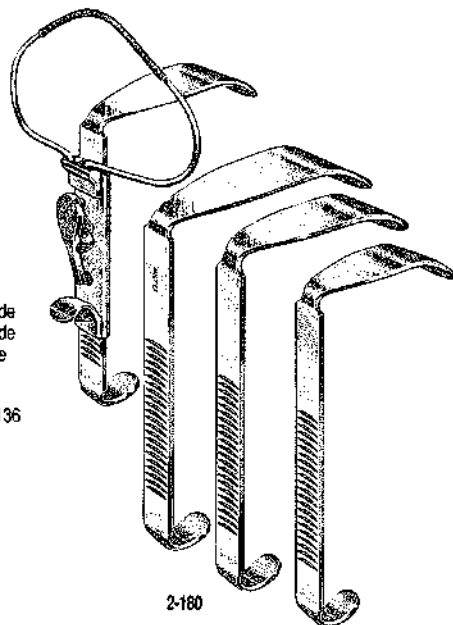
2-182 McIVOR Mouth Gag, 5¾" (14.6 cm), frame only

MOLT Mouth Gags with silicone guards

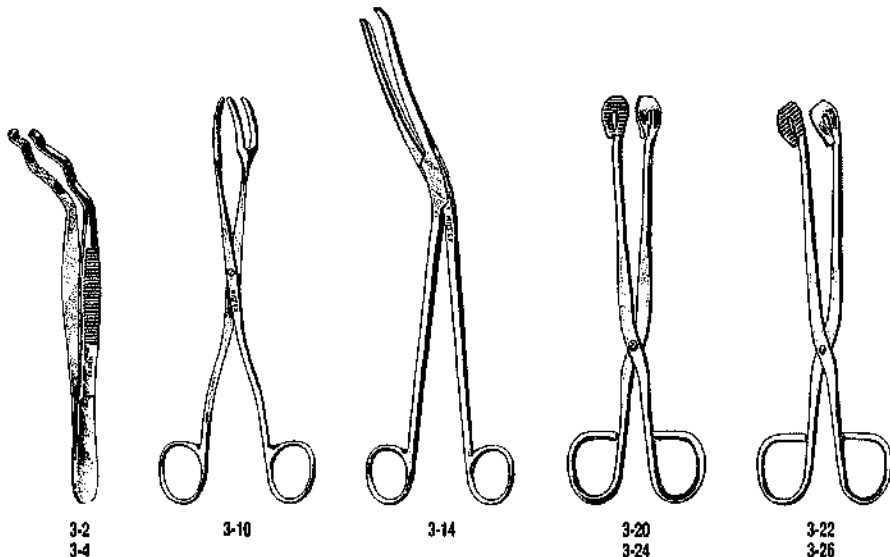
63-10 Pediatric 4" (10.7 cm)

63-15 Child 4½" (11.4 cm)

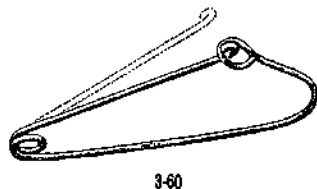
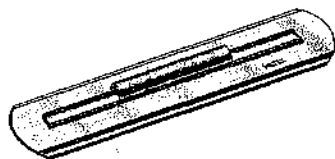
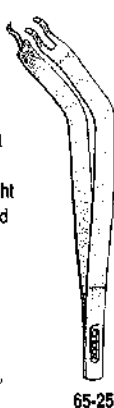
63-20 Adult 5½" (14 cm)



2-180



- 3-2 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.

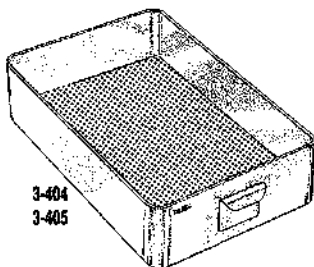




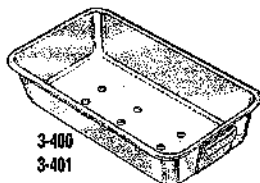
Sterilizing Aids



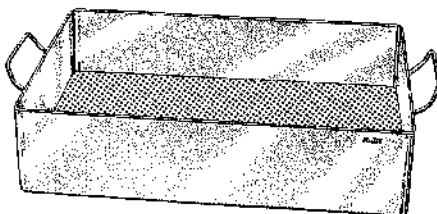
3-70 to 3-74



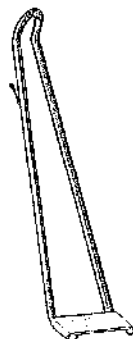
3-404
3-405



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

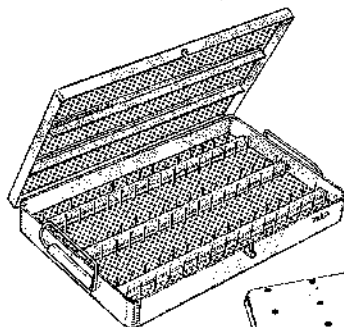
- 3-400 Flash Autoclaving Pan 9" x 5" x 2" (22.9 x 12.7 x 5.1 cm) with drainage holes, including safety handle
- 3-401 Flash Autoclaving Pan only
- 3-402 Safety Handle only
- 3-404 Flash Autoclaving Tray 10" x 6 1/2" x 2 1/2" (25.4 x 16.5 x 6.4 cm) with perforated bottom, including safety handle
- 3-405 Flash Autoclaving Tray only

INSTRUMENT STERILIZING TRAYS

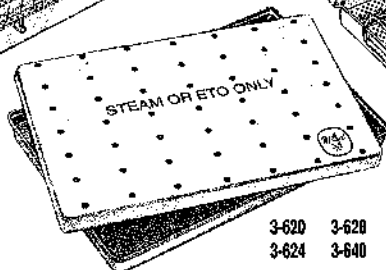
With handles. Rolled safety edges. Perforated bottoms assure complete steam penetration with no build-up of condensation.

- 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)

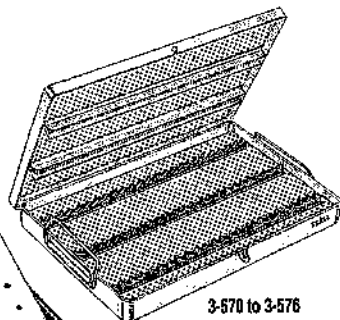
- 65-28 Mesh Holder, 6 3/4" (17.1 cm), 2 1/8" (5.4 cm) inside diameter of basket, securely holds small items such as micro clips, screws, burs etc., during cleaning, rinsing or sterilization



3-550 to 3-554



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



3-570 to 3-576

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)

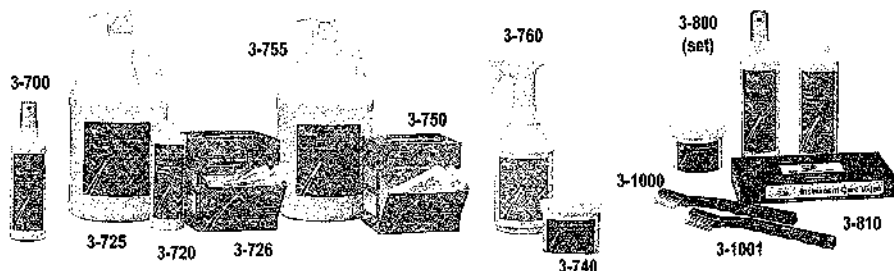
"CTS" COLOR TRAY SYSTEM

Each tray measures 11 1/8" x 7 1/4" x 1 1/8" (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

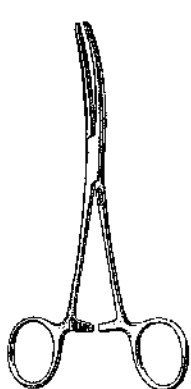


- 3-700** MILTEX Spray Lube, 8 fl. oz. (0.24 liter) bottles (case of 12). Pre-mixed non-silicon water soluble formula in pump spray bottles. Lubricates all moving parts on surgical instruments.
- 3-720** MILTEX Surgical Instrument Cleaner, 8 fl. oz. (0.24 liter) bottles (case of 12). Contents of one 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.

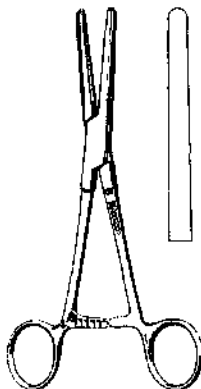
Tubing Clamps



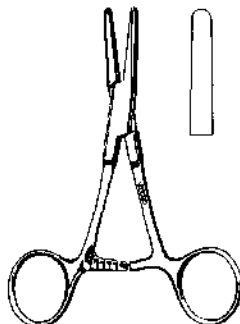
3-2000



V97-584

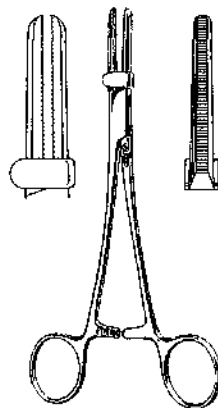


V97-590



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



Scalpel Handles



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

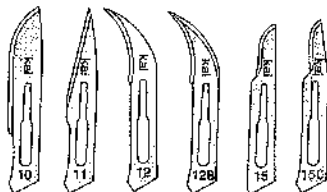
- 4-17 SIEGEL Knife Handle 6" (15.2 cm) round, fitting blades Nos. 10 thru 15
- 4-18 Knife Handle Style No. 5, 5" (12.7 cm), green plastic w/stainless tip, fitting blades Nos. 10 thru 15
- 4-20 Knife Handle Style No. 6, 5½" (13.3 cm), red plastic w/stainless tip, fitting blades Nos. 20 thru 25

E-Z-OFF Reusable Plastic Knife Handles (Pat. Pend.), autoclavable, permitting quick and safe removal of blade, box of 10

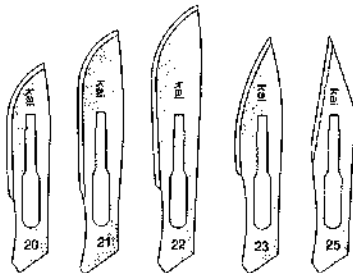
- 4-30 Style No. 3, fitting blades Nos. 10 thru 15, grey color
- 4-31 Style No. 4, fitting blades Nos. 20 thru 25, blue color
- 4-400 Miniature Blade Handle w/chuck, 3¾" (9.5 cm), round knurled (3K type)
- 4-401 Miniature Blade Handle w/self-locking chuck, 3¾" (9.5 cm), round knurled (3K type)



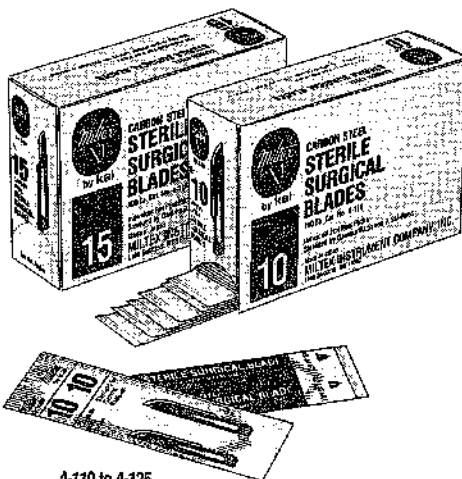
Sterile Surgical Blades



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



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



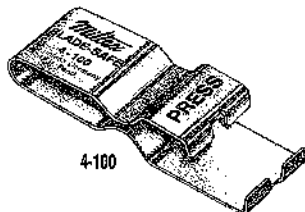
4-110 to 4-125

MILTEX SURGICAL BLADES — Made by Kai

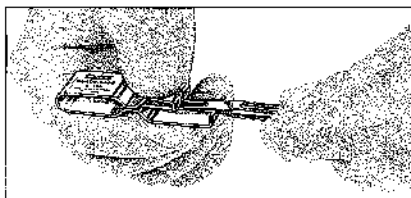
Individually sealed in Foil Peel Packs.
Packed 100 blades to a Dispenser Box.
Sterilized by Gamma Radiation 2.5M Rads.

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	

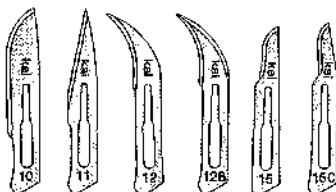


4-100

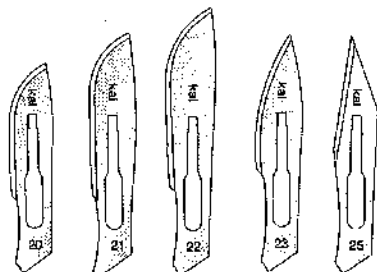


BLADE SAFE Surgical Blade Remover, will remove blades easily and safely from any style surgical handle.

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

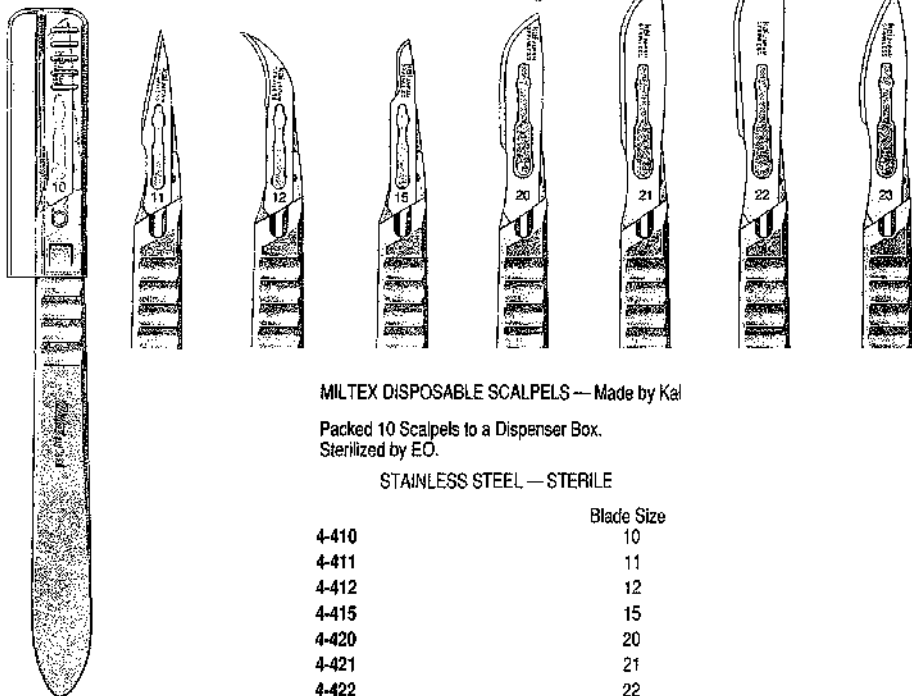
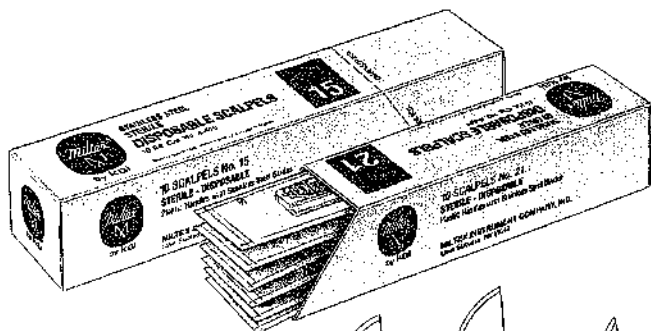
	Blade Size
4-310	10
4-311	11
4-312	12
4-312B	12B
4-315	15
4-315C	15C
4-320	20
4-321	21
4-322	22
4-323	23
4-325	25



Sterile Disposable Scalpels

Millex 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.



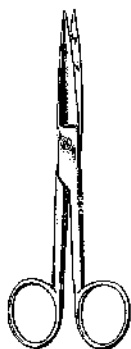
MILTEX DISPOSABLE SCALPELS — Made by Kal

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

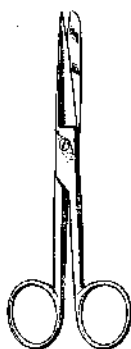
STAINLESS STEEL — STERILE

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



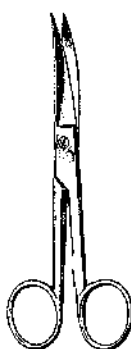
5-2 to 5-8



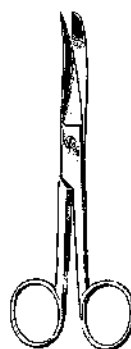
5-12 to 5-19



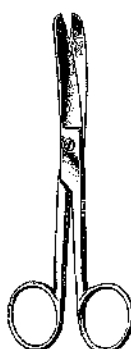
5-22 to 5-28



5-32 to 5-38



5-42 to 5-49



5-52 to 5-58

STANDARD PATTERN OPERATING SCISSORS

Straight

Sharp-sharp points

5-2	4½" (11.4 cm)	5-32
5-4	5" (12.7 cm)	5-34
5-6	5½" (14 cm)	5-36
5-7	6" (15.2 cm)	5-37
5-8	6½" (16.5 cm)	5-38

Curved

Straight

Sharp-blunt points

5-12	4½" (11.4 cm)	5-42
5-14	5" (12.7 cm)	5-44
5-16	5½" (14 cm)	5-46
5-17	6" (15.2 cm)	—
5-18	6½" (16.5 cm)	5-48
5-19	7½" (19.1 cm)	5-49

Curved

Straight

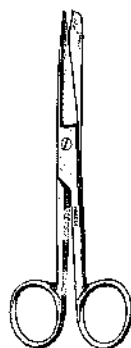
Blunt-blunt points

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

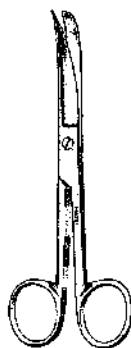
Curved



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

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

Curved

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

5-60
5-80

5-61
5-82

5-62
5-84

Curved

Sharp-sharp points
5" (12.7 cm)
5½" (14 cm)

Sharp-blunt points
5" (12.7 cm)
5½" (14 cm)

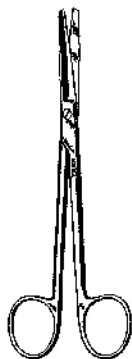
Blunt-blunt points
5" (12.7 cm)
5½" (14 cm)

5-63
5-86
5-64
5-88
5-65
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

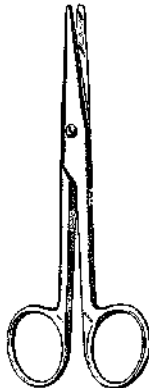
5-130



5-132



5-134

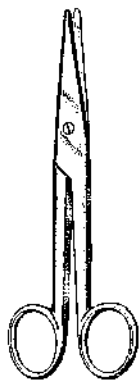


5-136
5-140

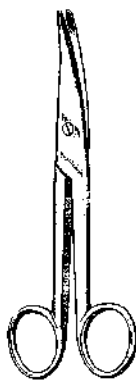


5-138
5-142

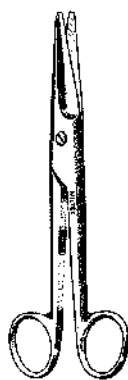
- 5-132 SERRATEX-MAYO Dissecting Scissors 6 $\frac{3}{4}$ " (17.1 cm), straight, one fine serrated blade
- 5-134 SERRATEX-MAYO Dissecting Scissors 6 $\frac{3}{4}$ " (17.1 cm), curved, one fine serrated blade
- 5-136 MAYO Dissecting Scissors 5 $\frac{1}{2}$ " (14 cm), straight, rounded blades
- 5-138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



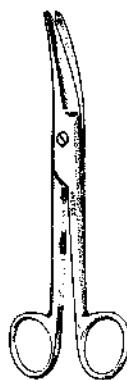
5-144



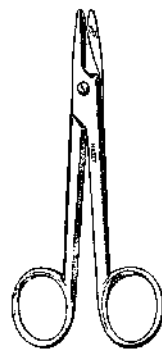
5-146



5-148



5-150



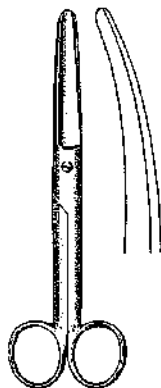
5-152

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



Operating Scissors



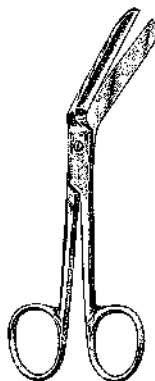
5-160
5-162



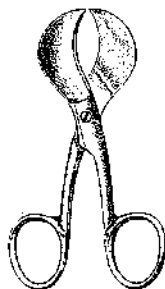
5-166



5-172 to 5-178

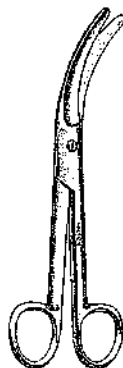


30-2190
30-2195



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 8" (21.6 cm), angled to side, guarded lower blade
30-2575 Umbilical Scissors 4½" (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



5-204
5-206
5-208



5-185
5-189
5-193



5-200
5-202

METZENBAUM SCISSORS – STANDARD PATTERN

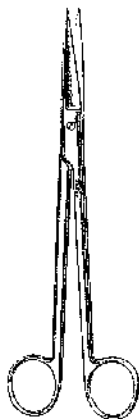
Straight	Length	Curved
5-179	5½" (14 cm) (Lahey)	5-180
5-181	7" (17.8 cm)	5-182
—	8" (20.3 cm)	5-184
5-186	9" (22.9 cm) (Nelson)	5-188
5-190	11" (27.9 cm) (Nelson)	5-192
5-194	14½" (36.8 cm) (Nelson)	5-196

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

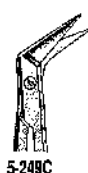
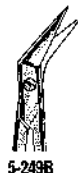
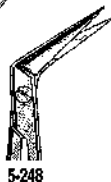
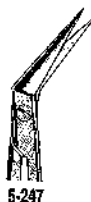
27-1000 MARTIN Cartilage Scissors 8" (20.3 cm), serrated non-slip cutting edges

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

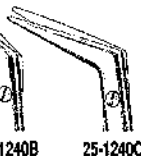
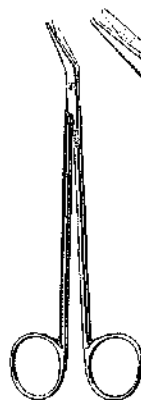


30-2605

Operating Scissors



- 5-246** 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), dull tips, angled on side 45°
- 25-1240C** DeBAKEY-POTTS Scissors 6¾" (17.1 cm), dull tips, angled on side 60°





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 BOETTCHE Dissecting Scissors 7½" (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

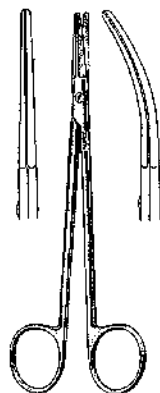
5-267 KAHN Dissecting Scissors 7" (17.8 cm), straight

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



5-265

5-266



5-267

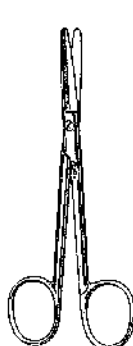
5-268



5-270
5-271



5-272
5-273



5-274
5-275



5-276
5-277



5-278
5-279

PLASTIC SURGERY SCISSORS 4 1/4" (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



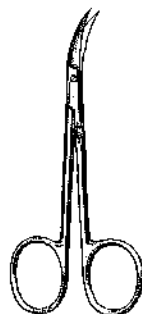
5-290
5-291



5-300



5-302



5D-303

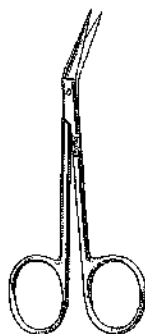


5-304

- 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



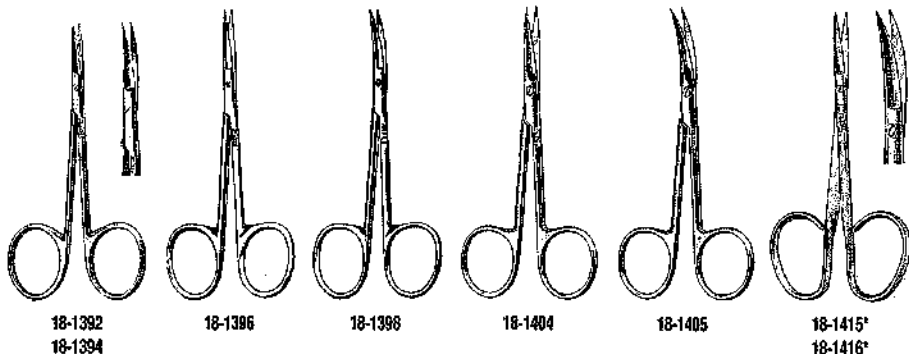
5-306



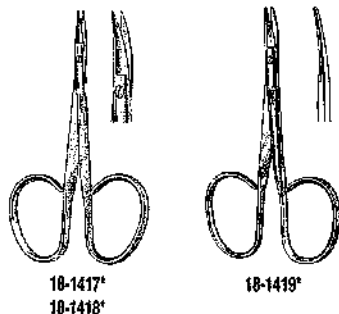
5-308



Operating Scissors

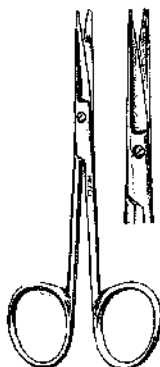


- 18-1392** BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, straight
- 18-1394** BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, curved
- 18-1396** Iris Scissors 3½" (8.9 cm), with 20 mm blades, straight, delicate
- 18-1398** Iris Scissors 3½" (8.9 cm), with 20 mm blades, 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



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

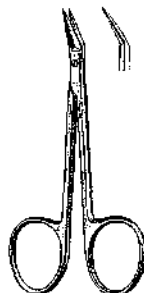
Operating Scissors



18-1420
18-1422



18-1426
18-1428



18-1440



18-1510
18-1512
18-1514

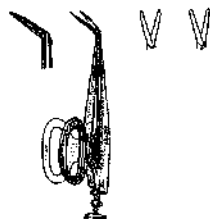


18-1516

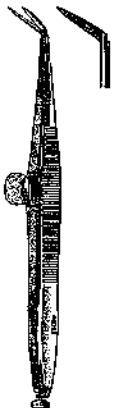
- 18-1420 KNAPP Iris Scissors 4" (10.2 cm), straight, sharp-blunt points
 18-1422 KNAPP Iris Scissors 4" (10.2 cm), straight, blunt-blunt points
 18-1426 KNAPP Iris Scissors 4" (10.2 cm), curved, sharp-blunt points
 18-1428 KNAPP Iris Scissors 4" (10.2 cm), curved, blunt-blunt points
 18-1440 WILMER 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

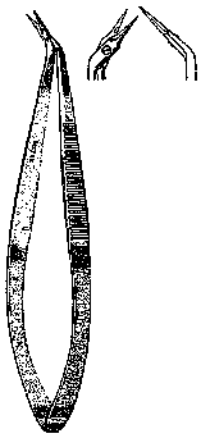
- 18-1520 BARRAQUER Iris Scissors 2 1/4" (5.7cm), angled 7 mm blades, sharp points
 18-1521 BARRAQUER Iris Scissors 2 1/4" (5.7cm), angled 7 mm blades, blunt points



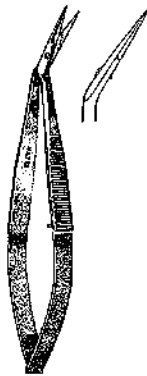
18-1520
18-1521



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

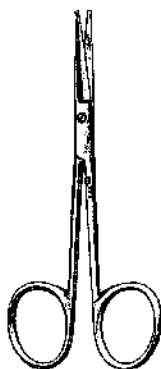
18-1625 McPHERSON-VANNAS Micro Iris Scissors 3 1/4" (8.3 cm), straight, sharp points

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

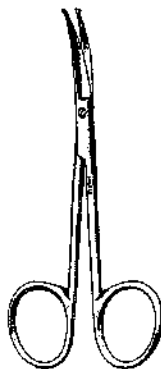


18-1625
18-1626

Operating Scissors



18-1430



18-1432



5-310

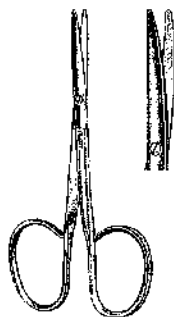


5-312



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 4½" (10.8 cm), curved, ribbon type
- 18-1454* Strabismus Scissors 4½" (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



Operating Scissors



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 3/8" (12.4 cm), curved, rounded dissecting blades



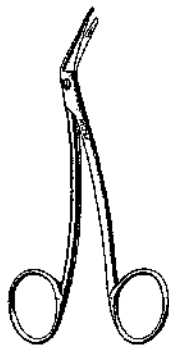
5D-324



21-539



21-558
21D-559



21-560



21-600

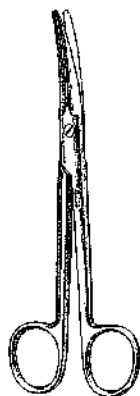


21-602



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



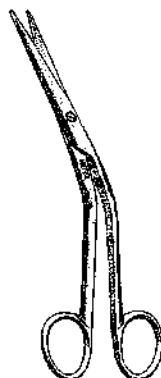
21-606



21-607



21-608



21-610

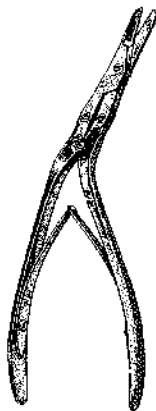


21-612

- | | |
|---------------|--|
| 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 |



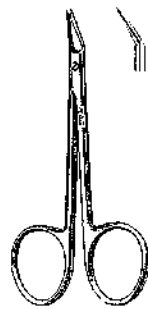
21-621



21-622



21-630
21-632



33-240

- 21-621 GORNEY Septal Scissors 7¾" (19.7 cm), double action, angled handle, serrated blades with 1¼" (4.4 cm) cut
- 21-622 CAPLAN Nasal Bone Scissors 8" (20.3 cm), double action, serrated blades
- 21-630 JOSEPH Nasal Scissors 5¾" (14.6 cm), straight, sharp points
- 21-632 JOSEPH Nasal Scissors 5¾" (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 4½" (11.4 cm), curved blades, with flat pointed tip



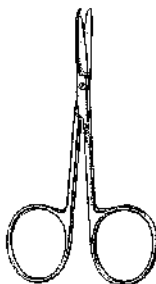
33-242



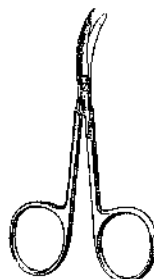
9-96



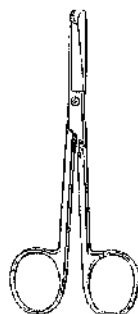
9-98



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 SHORBENT 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



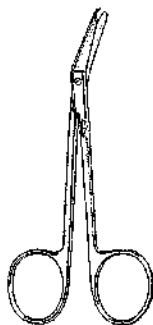
9-103



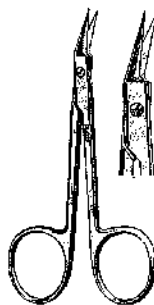
9-104



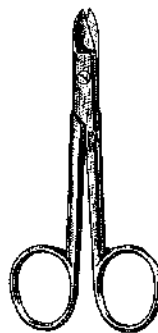
9-106



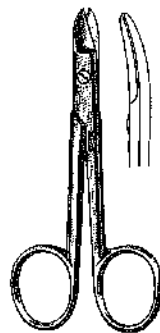
9-108



9-110



9-120
9D-121

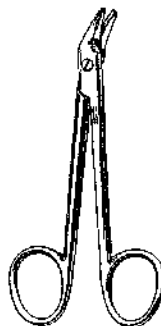


9-122
9D-123

- 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)

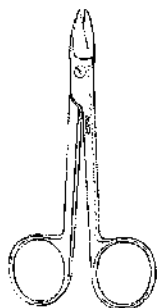
- 9-120 Straight, one serrated blade
- 9D-121 Straight
- 9-122 Curved, one serrated blade
- 9D-123 Curved
- 9-124 Angled to side, one serrated blade



9-124



Operating Scissors



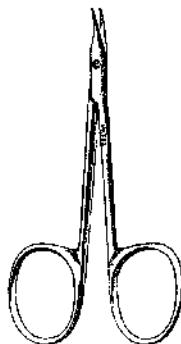
9D-132
9D-133



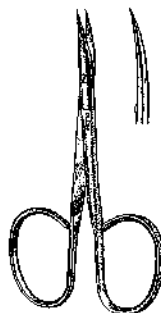
9D-134
9D-135



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

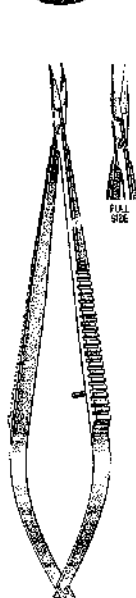


17-500

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 5¼" (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

Miltex
M



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 |



18-1460 to 18-1476



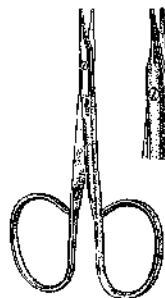
18-1460 to 18-1466



18-1470 to 18-1476

STEVENS TENOTOMY SCISSORS

- 18-1460 Straight sharp points 4½" (10.5 cm), short blades
- 18-1462 Straight blunt points 4½" (10.5 cm), short blades
- 18-1464 Curved sharp points 4½" (10.5 cm), short blades
- 18-1466 Curved blunt points 4½" (10.5 cm), short blades
- 18-1470 Straight sharp points 4½" (11.4 cm), long blades
- 18-1472 Straight blunt points 4½" (11.4 cm), long blades
- 18-1474 Curved sharp points 4½" (11.4 cm), long blades
- 18-1476 Curved blunt points 4½" (11.4 cm), long blades
- 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



18-1477*
18-1478*

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



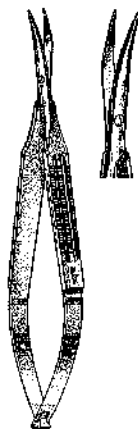
18-1480



18-1482

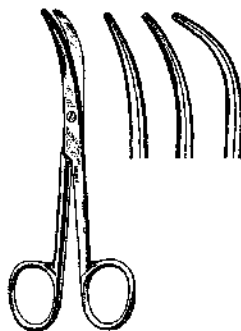


18-1484



18-1487
18-1488

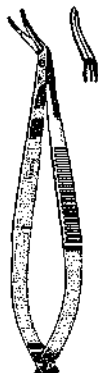
- 18-1480 WESTCOTT Utility Scissors 4½" (11.4 cm), curved, blunt tips
- 18-1482 SCHEIE-WESTCOTT Corneal Section Scissors 5" (12.7 cm), right, curved, blunt tips
- 18-1484 SCHEIE-WESTCOTT Corneal Section Scissors 5" (12.7 cm), left, curved, blunt tips
- 18-1487 WESTCOTT Tenotomy Scissors 5¼" (13.3 cm), 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



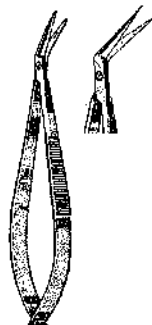
18-1540



18-1560



18-1562



18-1570
18-1572



18-1576



18-1578

18-1540 NOYES Indectomy Scissors $5\frac{1}{2}$ " (14 cm), straight, 7 mm blades, sharp-sharp points

18-1560 CASTROVIEJO Corneal Section Scissors $4\frac{1}{2}$ " (11.4 cm), right, inner blade 1 mm longer, blunt tips

18-1562 CASTROVIEJO Corneal Section Scissors $4\frac{1}{2}$ " (11.4 cm), left, inner blade 1 mm longer, blunt tips

18-1570 CASTROVIEJO Keratoplasty Scissors $3\frac{3}{4}$ " (9.5 cm), angled blades 11 mm, sharp points

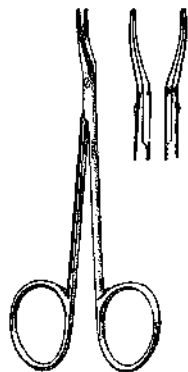
18-1572 CASTROVIEJO Corneal Scissors $3\frac{3}{4}$ " (9.5 cm), angled blades 11 mm, blunt points

18-1576 CASTROVIEJO Corneal Scissors $3\frac{3}{4}$ " (9.5 cm), curved, sharp points

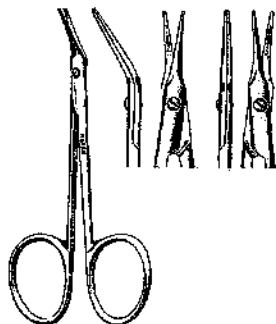
18-1578 CASTROVIEJO Corneal Scissors $3\frac{3}{4}$ " (9.5 cm), curved, blunt points

18-1594 McGUIRE Corneal Scissors $4\frac{1}{8}$ " (10.5 cm), right

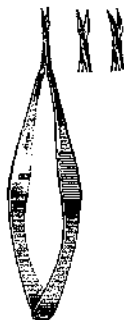
18-1596 McGUIRE Corneal Scissors $4\frac{1}{8}$ " (10.5 cm), left



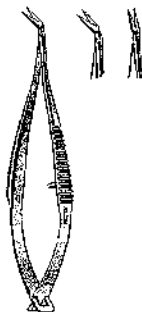
18-1594
18-1596



18-1600 to 18-1604

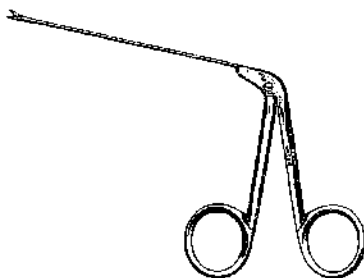


18-1620
18-1622

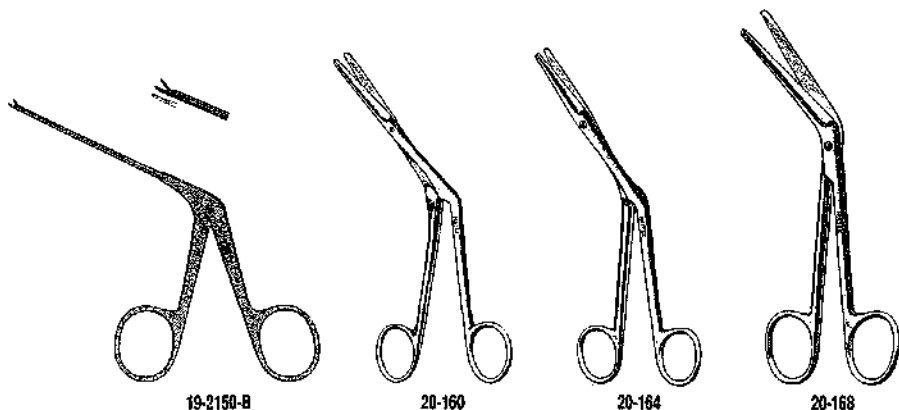


18-1623
18-1624

- 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" (8.3 cm), 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



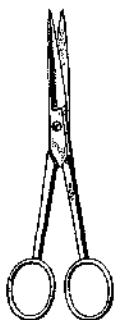
19-2060



- 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

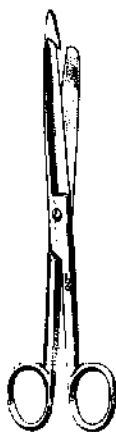
Miltex
M



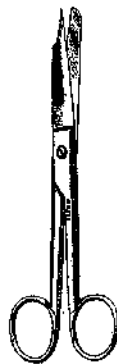
34-80



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.

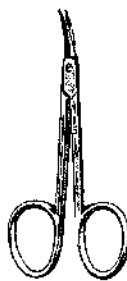
40-425 Nail Scissors 3½" (8.9 cm), curved blades, chrome

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



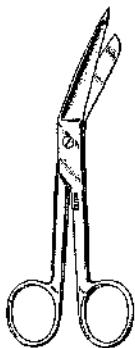
40-435



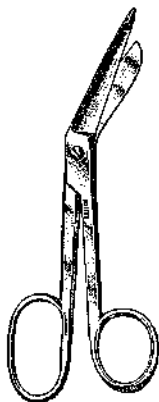
40-445



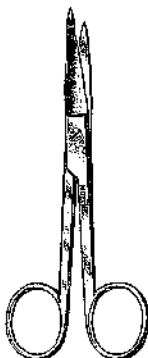
Bandage and Utility Scissors



5-510 to 5-516



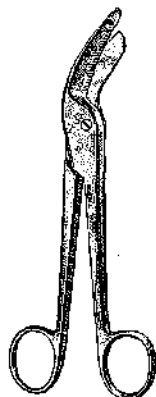
5-550



5-560

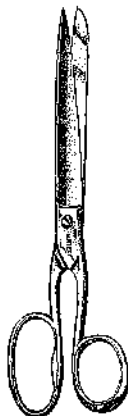


5-561



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 7½" (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



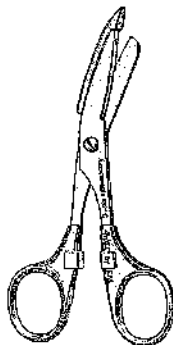
5-564



5-568

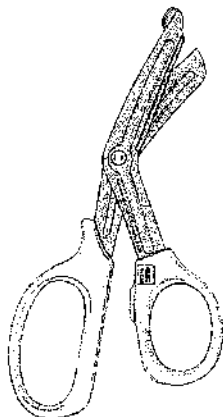


5-600

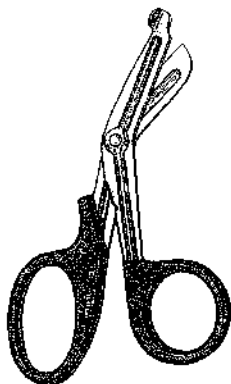


5-700

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

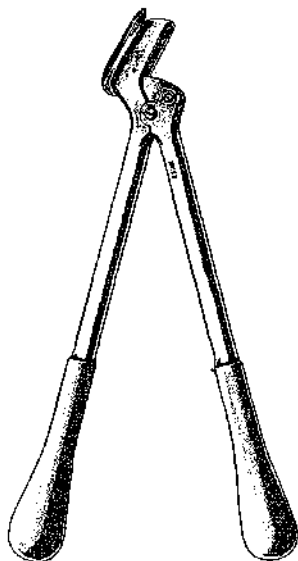
Bandage and Utility Scissors 8½" (21.6 cm), with fluoride coated blades to help prevent adhesive or fiberglass casting material from sticking to the blade surfaces. Neon green plastic finger rings, serrated blade. Autoclavable

5-998

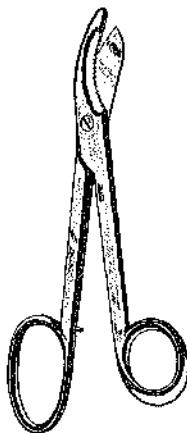
Bandage and Utility Scissors 6½" (16.5 cm), with needle destroyer, black plastic finger rings, serrated blade. Autoclavable

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



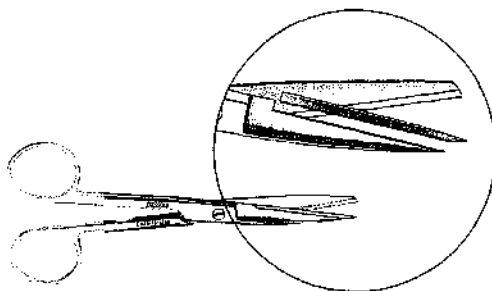
27-3070

- | | |
|---------|---|
| 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

Miltex
N

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.

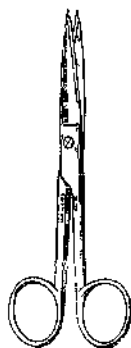
Gold plated finger rings identify these tungsten carbide instruments, and the Miltex catalog number has been etched on each scissors to facilitate re-ordering.

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.

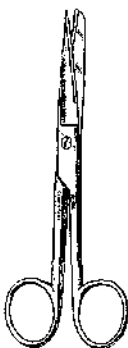


Carb-N-Sert Scissors

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



5-6TC



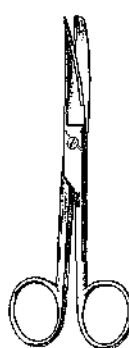
5-16TC



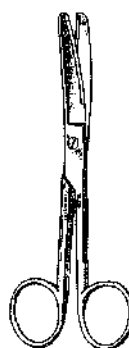
5-26TC



5-36TC



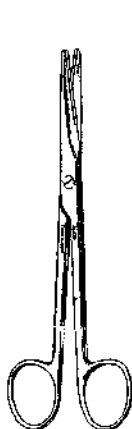
5-46TC



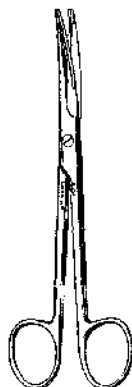
5-56TC

- | | |
|---------------|--|
| 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

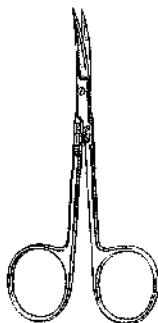
Carb-N-Sert Scissors



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



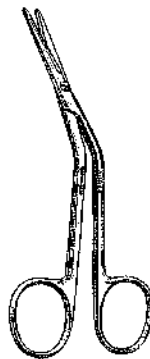
5-320TC



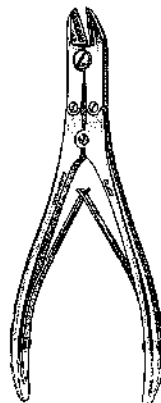
9-124TC



21-537TC

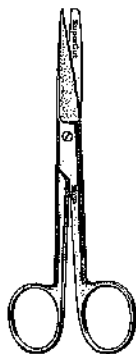


21-604TC



27-159TC

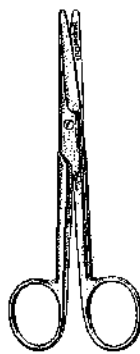
- 5-320TC** GOLDMAN-FOX Wound Debridement Scissors 5" (12.7 cm), curved fine tips, one serrated blade
- 9-124TC** Wire Cutting Scissors 4 3/4" (12.1 cm), angled to side, one serrated blade
- 21-537TC** MILTEX Blepharoplasty Scissors 4 1/2" (11.4 cm), curved flat tips, one serrated blade
- 21-604TC** FOMON Dorsal Scissors, 5 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 (5/64") soft wire or 1.5 mm (1/16") hard wire



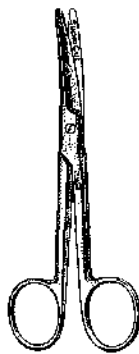
5-SC-16



5-SC-46



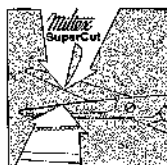
5-SC-120
5-SC-124



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

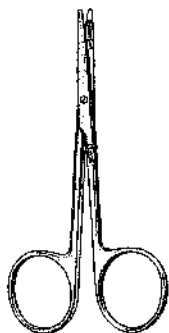
METZENBAUM Scissors 5½" (14 cm), curved

5-SC-182

METZENBAUM Scissors 7" (17.8 cm), curved

5-SC-188

METZENBAUM Scissors 9" (22.9 cm), curved



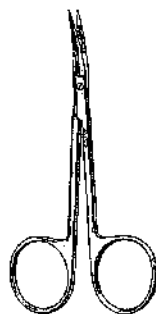
5-SC-283



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

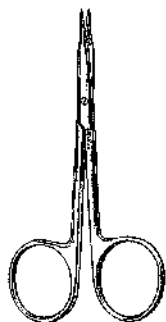
5-SC-304 Iris Scissors 4½" (11.4 cm), straight

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

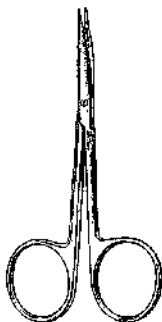
5-SC-320 GOLDMAN-FOX Scissors 5" (12.7 cm), curved



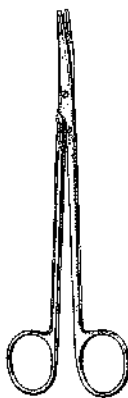
SuperCut Scissors



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

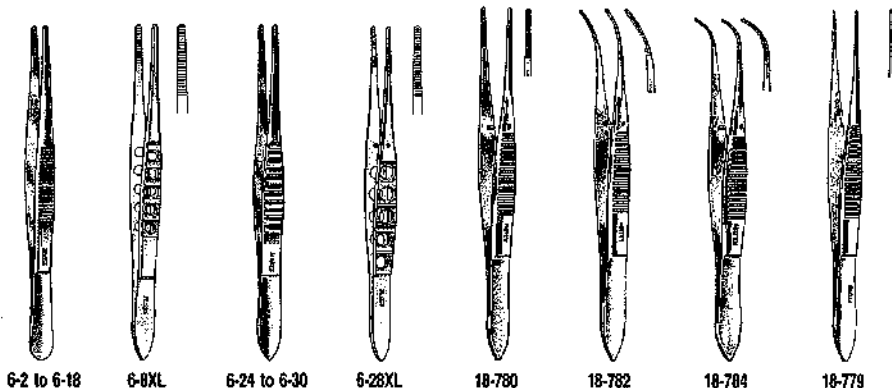
5-SC-304TC

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

5-SC-306TC

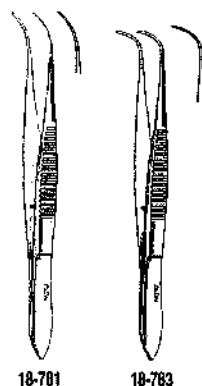
Iris Scissors 4½" (11.4 cm), curved, SuperCut Carb-N-Sert Blades

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		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



Dressing and Tissue Forceps



6-40 to 6-66



6-44XL



6-90 to 6-96



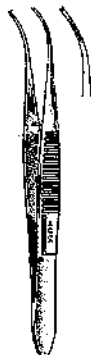
TISSUE FORCEPS, 1 X 2 TEETH

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

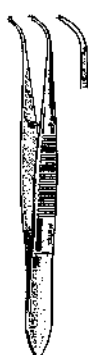
Dressing and Tissue Forceps



18-786
18-787



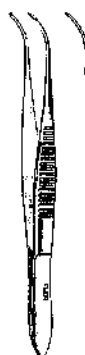
18-788



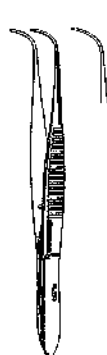
18-790



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
6-108



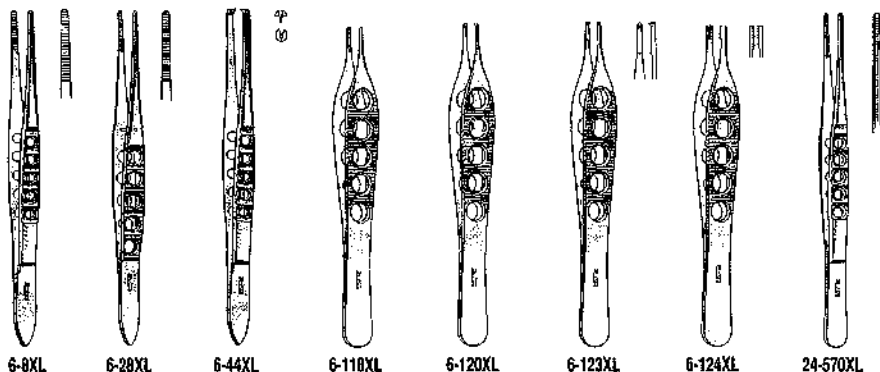
6-106
6-108
6-109A



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

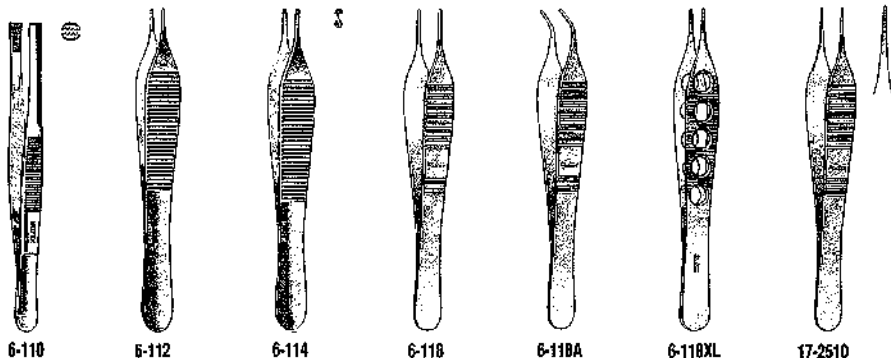


Lightweight Forceps with Fenestrated Handles provide the user with a firm, non-slip grip, reducing hand fatigue.

- 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



Dressing and Tissue Forceps



- 6-110** STILLE Pattern Tissue Forceps 5" (12.7 cm), 4 x 5 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

Dressing and Tissue Forceps



6-120
6-122



6-120A



6-120XL



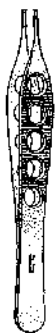
6-121



17-2500



6-123



6-123XL

- 6-120 ADSON Tissue Forceps 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

- 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



6-124



6-124XL



6-125



6-126



6-128



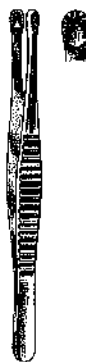
6-132



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 3 teeth and serrated tips

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

6-156 POTTS-SMITH Dressing Forceps 8 $\frac{1}{4}$ " (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

Miltex
N



6-160 to 6-164A



6-166



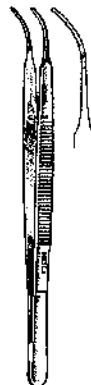
6-168



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



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

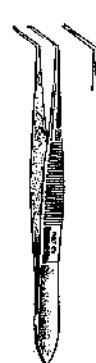


18-620

18-624



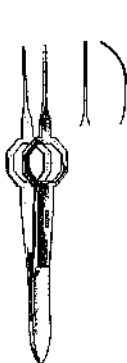
18-632



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 3/8" (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 3/8" (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

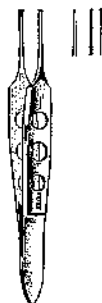
Dressing and Tissue Forceps



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



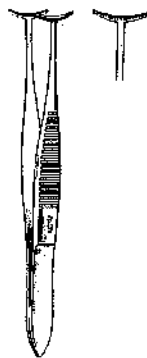
Dressing and Tissue Forceps



18-880
18-881



18-883



18-896
18-897



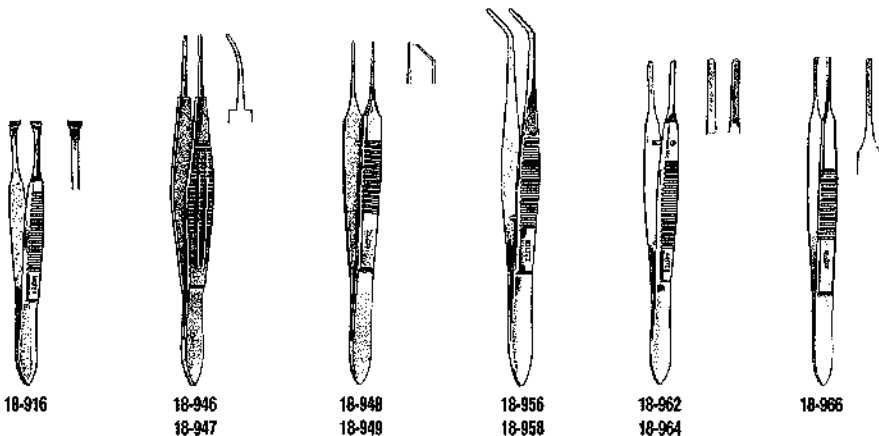
18-912



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 1/4" (9.5 cm), delicate 1 x 2 teeth, 0.6 mm wide
18-914 LESTER Tissue Forceps 3 1/4" (9.5 cm), delicate 2 x 3 teeth, 1 mm wide

Dressing and Tissue Forceps



- 18-916** HARMON Tissue Forceps 3" (7.6 cm), 4 x 5 teeth, delicate 2.5 mm wide tips
- 18-946** HARMS Suturing Forceps 4 1/4" (10.5 cm), straight, with 11 mm wide handles, tying platform, 0.6 mm wide at tip
- 18-947** HARMS Suturing Forceps 4 1/4" (10.5 cm), curved, with 11 mm wide handles, tying platform, 0.6 mm wide at tip
- 18-948** McPHERSON Micro Iris Suturing Forceps 3 1/2" (8.9 cm), straight, tying platform 0.3 x 5 mm, no teeth
- 18-949** McPHERSON Micro Iris Suturing Forceps 3 1/2" (8.9 cm), angled, tying platform 0.3 x 5 mm, no teeth
- 18-956** NUGENT Utility Forceps 4 1/4" (10.8 cm), smooth tips 1.2 mm wide
- 18-958** NUGENT Utility Forceps 4 1/4" (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** 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 3¾" (9.5 cm), grooved tips
- 18-1100** LITTAUER Cilia Forceps 3½" (8.9 cm), 4 mm wide jaws with fine horizontal serrations
- 18-1102** BEER Cilia Forceps 3½" (8.9 cm), 4 mm wide smooth jaws
- 18-1104** ZIEGLER Cilia Forceps 3½" (8.9 cm), 2 mm wide smooth jaws

Dressing and Tissue Forceps



18-1106



18-1107



18-1108



18-1110



18-1111



18-1112

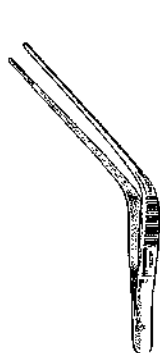


18-1114

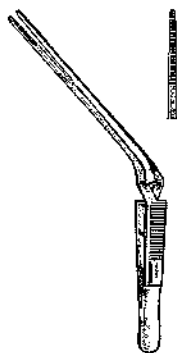
- 18-1106** DOUGLAS Cilia Forceps 3½" (8.9 cm), thin tips 2.5 mm wide, with fine horizontal serrations
- 18-1107** Swiss Cilia and Suture Forceps 3¾" (9.5 cm), precision fitted diagonal jaws 3 mm wide
- 18-1108** BERGH Cilia Forceps 4¼" (10.8 cm), 10 mm wide jaws with horizontal serrations
- 18-1110** BERGH Cilia Forceps 3½" (8.9 cm), 5 mm wide jaws with horizontal serrations
- 18-1111** BARRAQUER Cilia and Suture Forceps 4½" (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 4½" (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



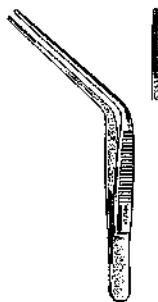
18-1116



19-350



19-356



19-360

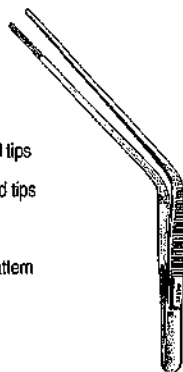


19-370



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 LUCAS Dressing Forceps 5 1/2" (14 cm), bayonet shape with serrated tips
- 19-371 JANSSEN 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



24-550
to
24-556



24-570
to
24-574



24-570XL



24-580
24-582



26-956
26-958



33-500

DeBAKEY ATTRAUMATIC 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 ATTRAUMATIC 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



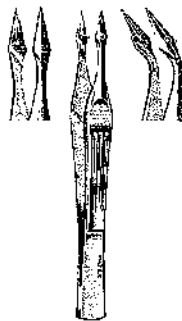
6-300
to
6-304



6-308



6-310

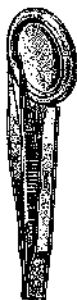


6-312
6-314

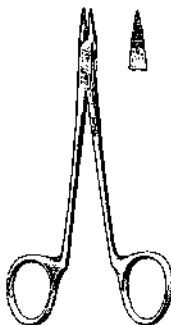


6-316
6-318

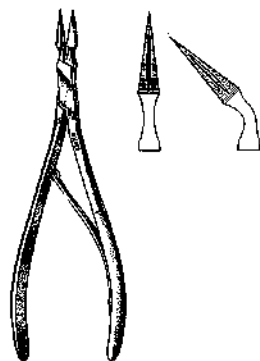
- | | |
|-------|---|
| 6-300 | Plain Splinter Forceps 3 1/2" (8.9 cm) |
| 6-302 | Plain Splinter Forceps 4" (10.2 cm) |
| 6-304 | Plain Splinter Forceps 4 1/2" (11.4 cm) |
| 6-308 | CARMALT Splinter Forceps 4 1/4" (10.8 cm), straight |
| 6-310 | CARMALT Splinter Forceps 4 1/4" (10.8 cm), curved |
| 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) |



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)

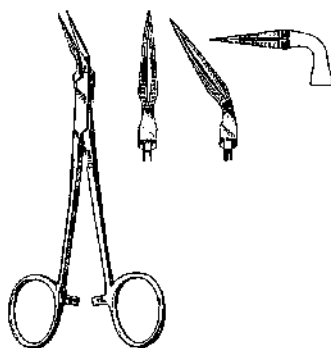
6-336 VIRTUS Splinter Forceps 6" (15.2 cm), straight

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



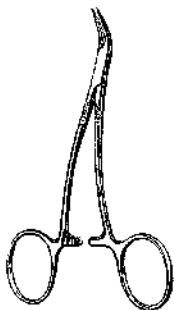
6-338

6-340

6-342



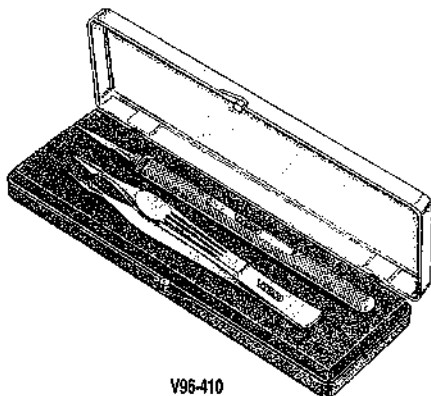
Splinter Forceps



6-350



6-400



V96-410

V96-415

- 6-350** PEET Splinter Forceps 4 3/4" (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)



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 3/4" (11.2 cm)
- 17-303X Style 3, micro-fine, 4 3/4" (12.1 cm)
- 17-304 Style 4, fine, 4 3/4" (11.2 cm)
- 17-305 Style 5, super fine, 4 3/4" (11.2 cm)



17-305



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 1/8" (11.2 cm)
- 17-306 Style 6, pickup, 4 1/8" (11.4 cm)
- 17-307 Style 7, fine curved, 4 1/8" (11.4 cm)
- 17-307X Style 7, micro-fine, curved, 4 1/8" (11.4 cm)

- 18-980 THORPE Splinter Forceps 4" (10.2 cm), very sharp points, fine serrated tips

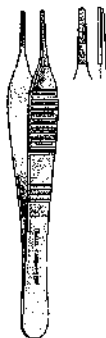
Carb-N-Sert Dressing and Tissue Forceps



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



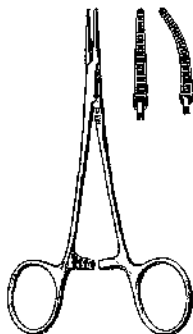
6-166TC



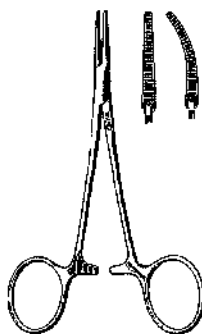
6-198TC

- | | |
|----------------|--|
| 6-154TC | POTTS-SMITH Dressing Forceps 7" (17.8 cm), cross serrated tips |
| 6-156TC | POTTS-SMITH Dressing Forceps 8 1/4" (21 cm), cross serrated tips |
| 6-158TC | POTTS-SMITH Dressing Forceps 9 1/4" (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 8 1/2" (21.6 cm), cross serrated tips |

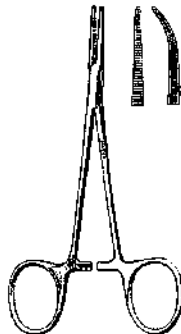
Hemostatic Forceps



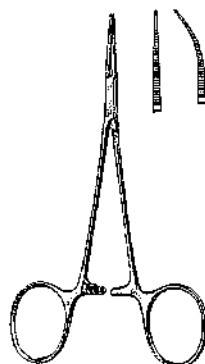
7-2
7-4



18-1934
18-1936

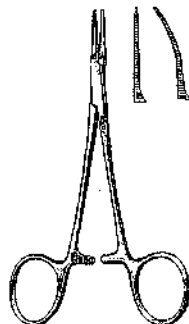


7-8
7-10

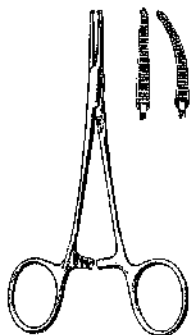


17-2600
17-2602

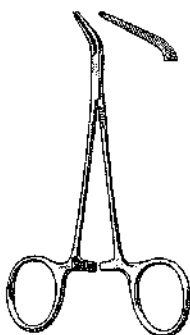
- 7-2 HALSTED Mosquito Forceps 5" (12.7 cm), straight
- 7-4 HALSTED Mosquito Forceps 5" (12.7 cm), curved
- 18-1934 Non-Magnetic HALSTED Mosquito Forceps 5" (12.7 cm)
- 18-1936 Non-Magnetic HALSTED Mosquito Forceps 5" (12.7 cm)
- 7-8 HALSTED Mosquito Forceps 5" (12.7 cm), straight, extra delicate
- 7-10 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



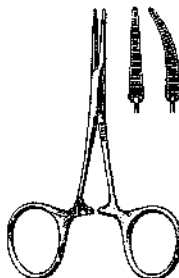
7-11
7-12



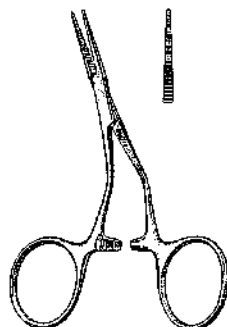
7-14
7-16



7-20



7-24
7-26



7-24A

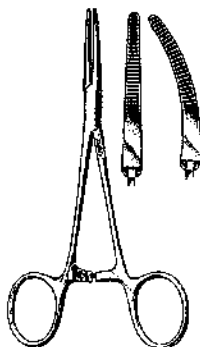
- 7-14 HALSTED Mosquito Forceps 5" (12.7 cm), straight, 1 x 2 teeth
- 7-16 HALSTED Mosquito Forceps 5" (12.7 cm), curved, 1 x 2 teeth
- 7-20 HALSTED Mosquito Forceps 5" (12.7 cm), jaws 45° angled on flat, extra delicate
- 7-24 HARTMAN Mosquito Forceps 3½" (8.9 cm), straight
- 7-26 HARTMAN Mosquito Forceps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



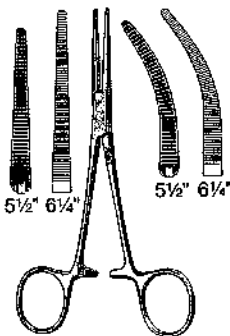
7-30
7-32

Hemostatic Forceps

Miltex
M



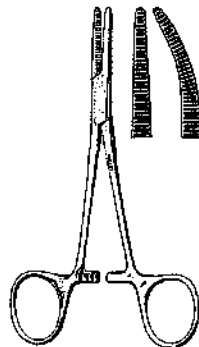
7-36
7-38



7-42 to 7-48



7-50
7-52



7-60
7-62

7-36 KELLY Forceps 5 1/2" (14 cm), straight

7-38 KELLY Forceps 5 1/2" (14 cm), curved

7-42 CRILE Forceps 5 1/2" (14 cm), straight

7-44 CRILE Forceps 5 1/2" (14 cm), curved

7-46 CRILE Forceps 6 1/4" (15.9 cm), straight

7-48 CRILE Forceps 6 1/4" (15.9 cm), curved

7-50 Baby CRILE Forceps 5 1/2" (14 cm), straight, extra delicate

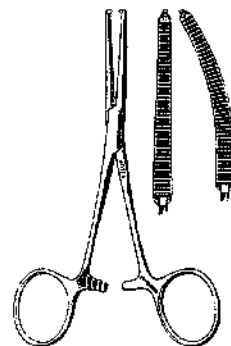
7-52 Baby CRILE Forceps 5 1/2" (14 cm), curved, extra delicate

7-60 LAHEY Hemostatic Forceps 5 1/2" (14 cm), straight

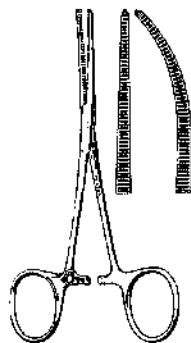
7-62 LAHEY Hemostatic Forceps 5 1/2" (14 cm), curved

7-66 KOCHER Forceps 5 1/2" (14 cm), straight, 1 x 2 teeth

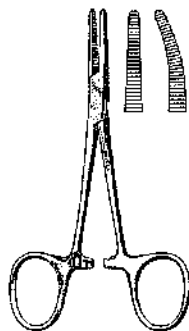
7-68 KOCHER Forceps 5 1/2" (14 cm), curved, 1 x 2 teeth



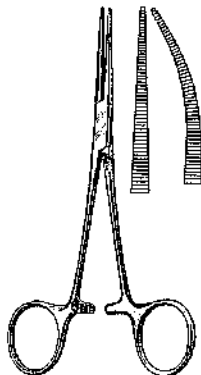
7-66
7-68



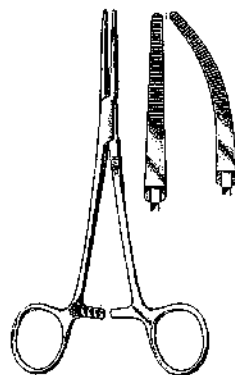
7-70
7-72



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

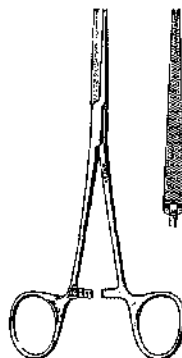
7-90 COLLER Forceps 6 1/4" (15.9 cm), straight, delicate

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

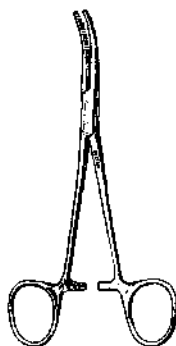
7-92 RANKIN Forceps 6 1/4" (15.9 cm), straight

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

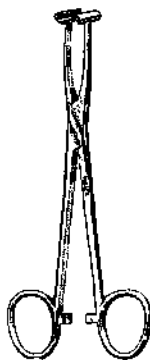
7-98 LOVELACE Hemostatic Forceps 6 1/4" (15.9 cm), straight, cross serrations, 1 x 2 teeth



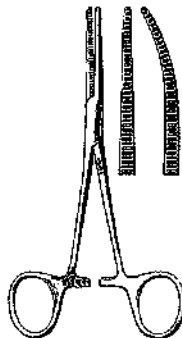
7-98



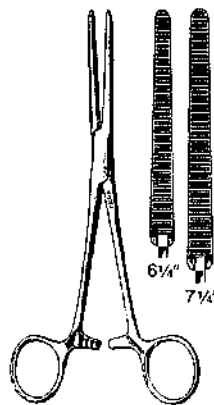
7-102



7-106



7-110
7-112

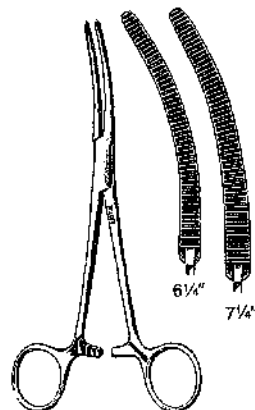


7-118 to 7-130

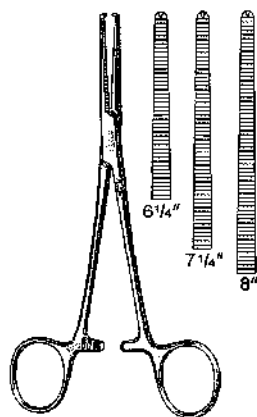
- 7-102** DANDY Forceps 5½" (14 cm), curved sideways
7-106 PRATT T-Shape Forceps 6" (15.2 cm)
7-110 Baby PEAN Forceps 5½" (14 cm), straight, extra delicate
7-112 Baby PEAN Forceps 5½" (14 cm), curved, extra delicate

ROCHESTER PEAN FORCEPS

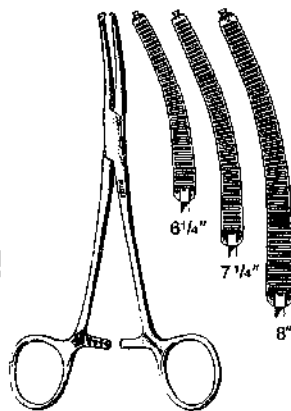
Straight	Length	Curved
7-118	5½" (14 cm)	7-136
7-120	6¼" (15.9 cm)	7-138
7-122	7¼" (18.4 cm)	7-140
7-124	8" (20.3 cm)	7-142
7-126	9" (22.9 cm)	7-144
7-128	10¼" (26 cm)	7-146
7-130	12" (30.5 cm)	7-148



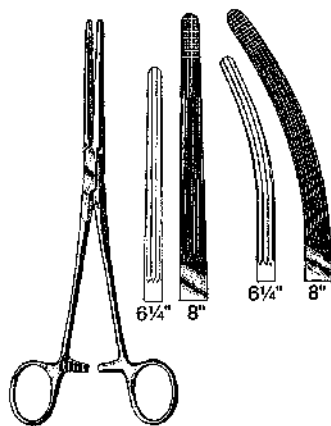
7-136 to 7-148



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

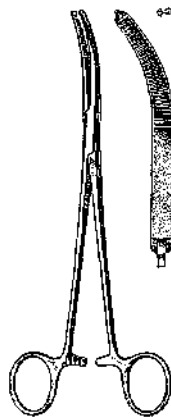
7-170 ROCHESTER CARMALT Forceps 6 1/4" (15.9 cm), straight

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

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

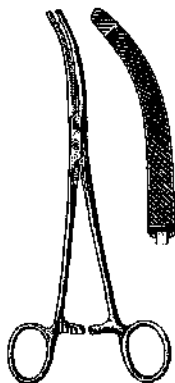
7-182 ROCHESTER CARMALT Forceps 8" (20.3 cm), straight

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



7-190

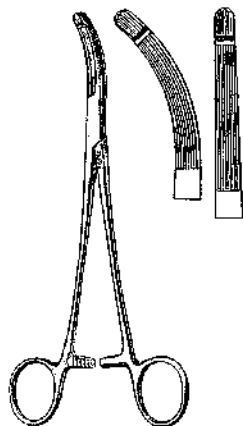
Hemostatic Forceps



30-1700



30-1710
30-1715



30-1716
30-1718

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

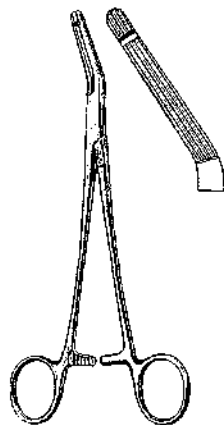
30-1710 HEANEY Forceps 8¼" (21 cm), heavy pattern, double tooth, curved

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

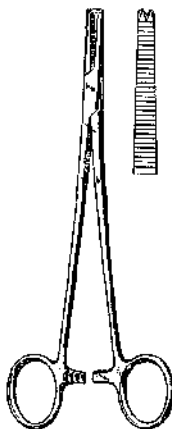
30-1720 GARLAND Forceps 8¼" (21 cm), longitudinal serrations, single tooth, angled on flat



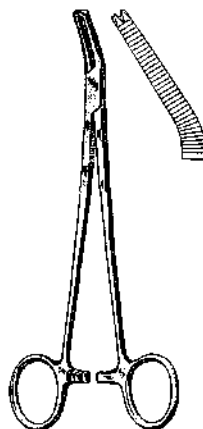
30-1720



30-1730

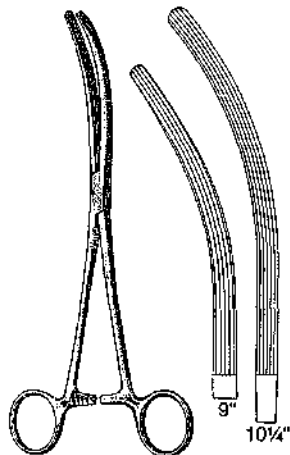


30-1735

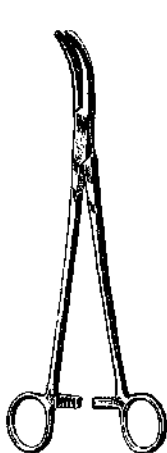


30-1740

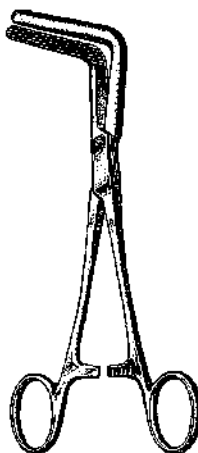
- 30-1730 LONG Forceps 7½" (19.1 cm), longitudinal serrations, 1 x 2 teeth, curved
- 30-1735 PHANEUF Forceps 8" (20.3 cm), horizontal serrated jaws, 1 x 2 teeth, straight
- 30-1740 PHANEUF Forceps 8" (20.3 cm), horizontal serrated jaws, 1 x 2 teeth, angled on flat
- 30-1805 PEAN Forceps 9" (22.9 cm),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



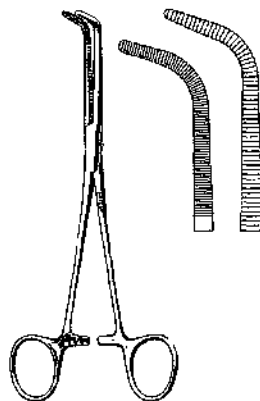
30-1805
30-1815



29-280



29-282



7-200

7-202

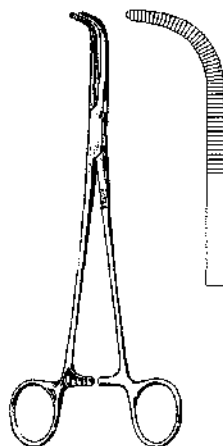
29-280 WERTHEIM Pedicle Clamp 9¾" (24.8 cm),
curved jaws 2" (5.1 cm) long

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

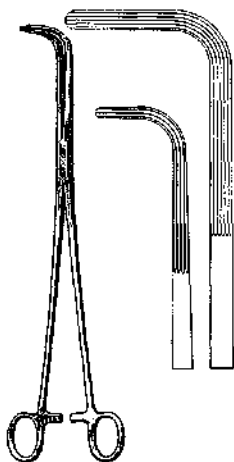
7-200 MIXTER Forceps 6¼" (15.9 cm), fully curved

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

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



7-206



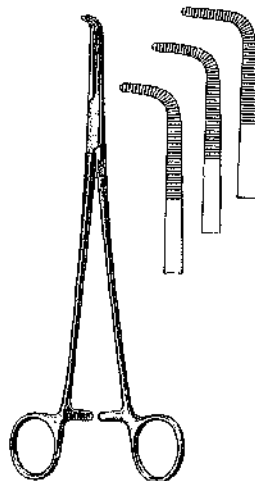
25-812
25-814



25-821



25-834
25-835



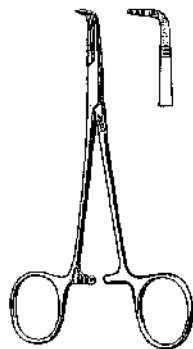
25-836 to 25-838

- 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



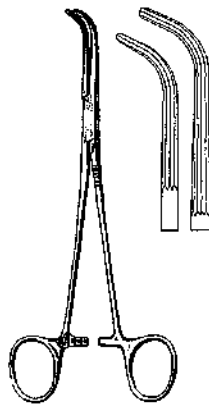
7-210



7-210A

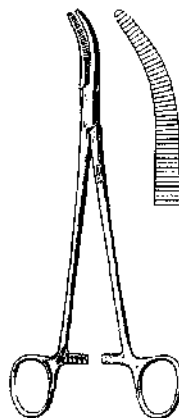


14-46

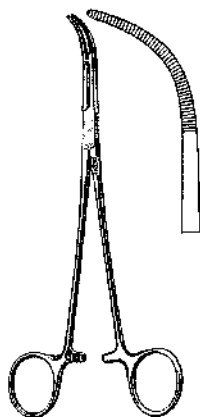


14-48
14-49

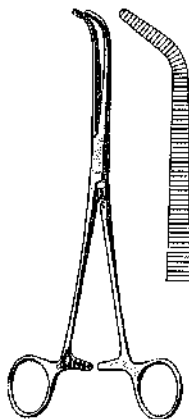
- 7-210** Baby MIXTER Forceps 5¼" (13.3 cm), fully curved, extra delicate
- 7-210A** MIXTER Forceps, Lee modif. 5¼" (13.3 cm), curved jaws and angled shanks, delicate
- 14-46** LOWER Forceps 7" (17.8 cm)
- 14-48** LAHEY Forceps 7½" (19.1 cm)
- 14-49** LAHEY Forceps 9" (22.9 cm)
- 14-50** MOYNIHAN Forceps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



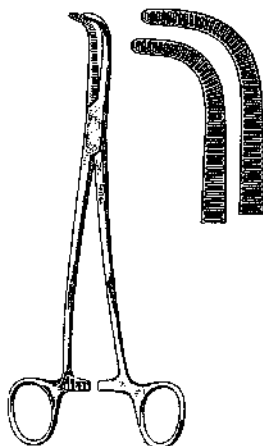
14-50



14-51

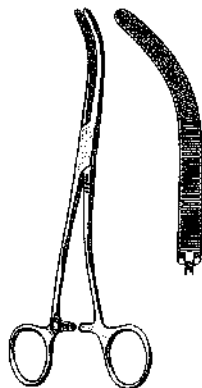


14-52



14-56

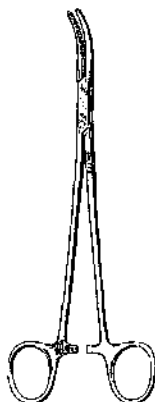
- 14-51 GREEN Forceps 8½" (21.6 cm), delicate
- 14-52 JOHNS HOPKINS Forceps 8" (20.3 cm)
- 14-56 GRAY Forceps 9" (22.9 cm), serrated, set of two
- 14-62 SHALLCROSS Forceps 7" (17.8 cm)



14-62



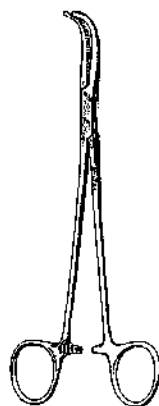
22-660



22-662



22-666



22-668

22-660 SCHNIDT Hemostatic Forceps 7½" (19.1 cm), slight curve, open ring

22-662 SCHNIDT Hemostatic Forceps 7½" (19.1 cm), slight curve, closed rings

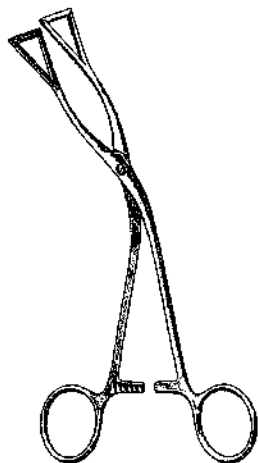
22-666 SAWTELL Hemostatic Forceps 7½" (19.1 cm), full curve, open ring

22-668 SAWTELL Hemostatic Forceps 7½" (19.1 cm), full curve, closed rings

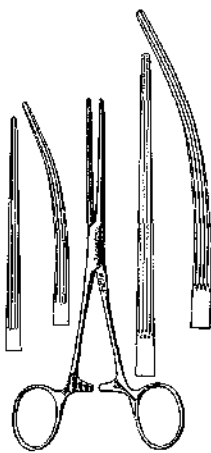
7-220 PENNINGTON Hemostatic Forceps 6" (15.2 cm)



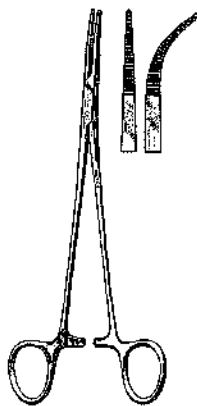
7-220



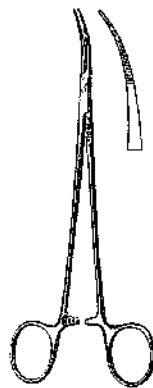
14-66



7-230 to 7-236

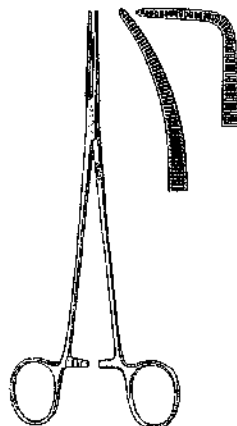


7-240
7-242



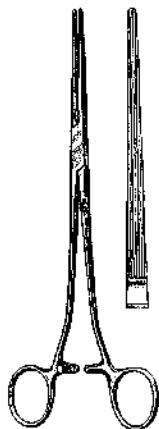
17-2603

- 14-66** LOVELACE Gall Bladder Forceps 7 1/4" (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 7 1/4" (18.4 cm), straight, longitudinal serrations with cross tip serrations
- 7-236** BAINBRIDGE Forceps 7 1/4" (18.4 cm), curved, longitudinal serrations with cross tip serrations
- 7-240** ADSON Hemostatic Forceps 7 1/4" (18.4 cm), straight
- 7-242** ADSON Hemostatic Forceps 7 1/4" (18.4 cm), curved
- 17-2603** JACOBSON Hemostatic Forceps 7" (17.8 cm), curved, extremely delicate
- 7-250** MOSQUITO Hemostatic Forceps 8 1/4" (21 cm), straight, delicate
- 7-252** MOSQUITO Hemostatic Forceps 8 1/4" (21 cm), curved, delicate
- 7-254** MOSQUITO Hemostatic Forceps 8 1/4" (21 cm), right angle, delicate

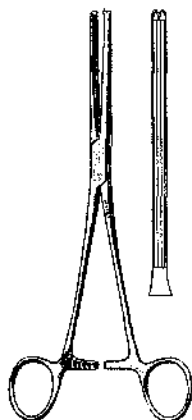


7-250 to 7-254

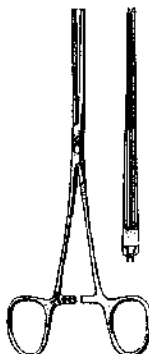
Hemostatic Forceps



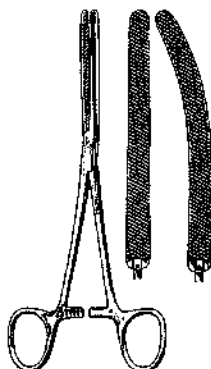
16-99



16-100



16-102

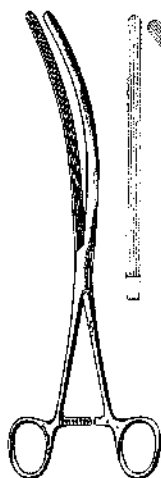


16-108
16-110

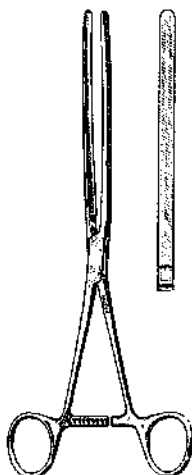
- 16-99** DENNIS Clamp 9" (22.9 cm), longitudinal serrations
- 16-100** ALLEN Clamp 8" (20.3 cm), longitudinal serrations with 1 x 2 teeth
- 16-102** Baby ALLEN Clamp 6½" (16.5 cm), delicate, longitudinal serrations with 1 x 2 teeth
- 16-108** Baby DOYEN Forceps 6½" (16.5 cm), straight, flexible blades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



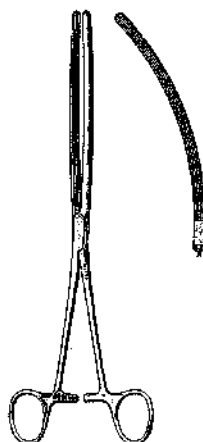
16-120
16-122



16-130
16-132

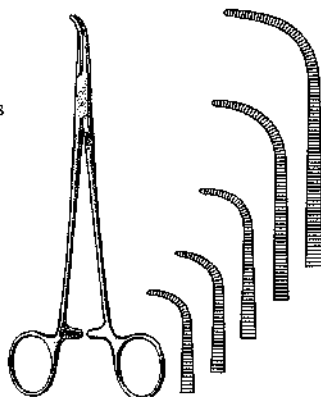


16-140



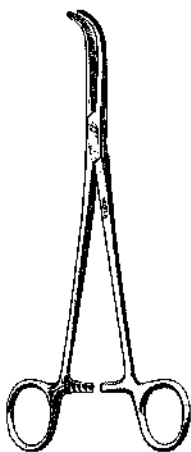
16-160
16-162

- 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 9 1/2" (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 5 1/2" (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

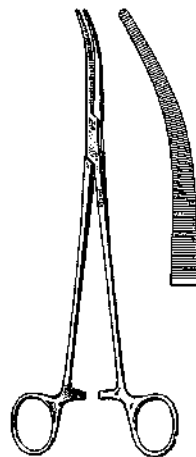
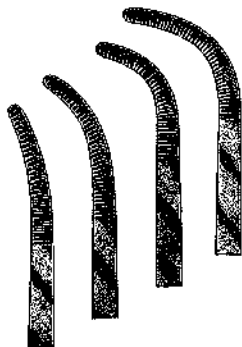


7-255 to 7-259

Hemostatic Forceps

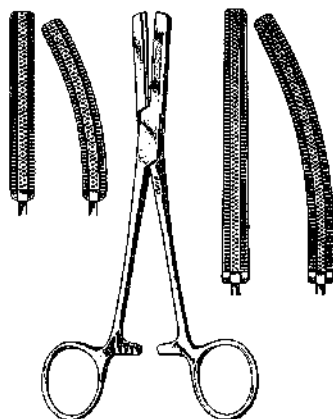


25-780 to 25-786

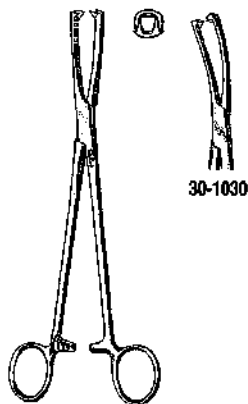


25-800

- | | |
|--------|---|
| 25-780 | RUMEL Forceps 9" (22.9 cm), slight curve, 2½" (6.1 cm), long jaws |
| 25-782 | RUMEL Forceps 9" (22.9 cm), medium curve, 2½" (6.1 cm), long jaws |
| 25-784 | RUMEL Forceps 9" (22.9 cm), full curve, 2½" (6.1 cm), long jaws |
| 25-786 | RUMEL Forceps 9" (22.9 cm), angular, 2½" (6.1 cm), long jaws |
| 25-800 | SAROT Artery Forceps 9½" (24.1 cm), with 2½" (6.4 cm) long jaws |



7-260 to 7-266



30-1025

- 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

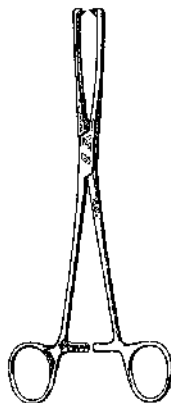
- 30-1025 JACOBS Forceps 8½" (21.6 cm), straight, serrated jaws, 2 x 2 teeth

- 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

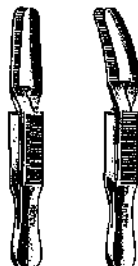
- 30-1050-10 MUSEUX Forceps 9½" (24.1 cm), straight, 2 x 2 teeth, 10 mm wide jaws



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



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 1¼" (4.7 cm), straight jaws 8 mm x 1.2 mm
7-315	DIETHRICH Micro Bulldog Clamp 1¼" (4.4 cm), angled jaws 8 mm x 1.2 mm

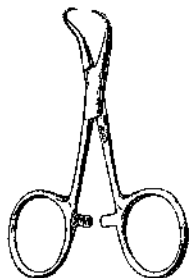
For Atraumatic Bulldog clamps see pages 374 - 376



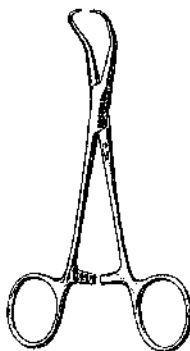
Towel Clamps



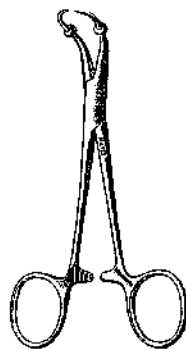
7-500
7-501



7-504

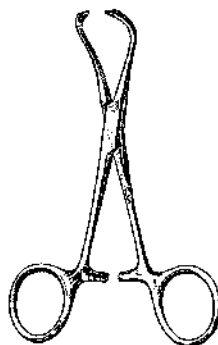


7-506

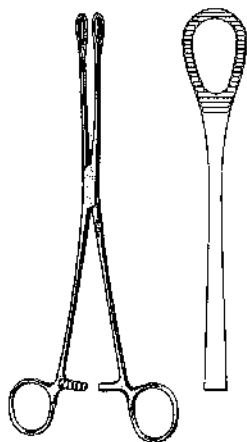


7-510

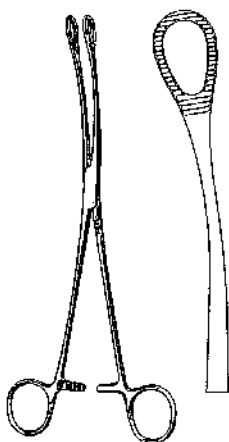
- 7-500 JONES Towel Clamp 3 1/2" (8.9 cm), standard size
- 7-501 JONES Towel Clamp 2 1/4" (5.7 cm), lightweight
- 7-504 BACKHAUS Towel Clamp 3 1/2" (8.9 cm)
- 7-506 BACKHAUS Towel Clamp 5 1/4" (13.3 cm)
- 7-510 ROEDER Towel Clamp 5 1/4" (13.3 cm), with ball stops
- 7-514 LORNA Non-Perforating Towel Clamp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

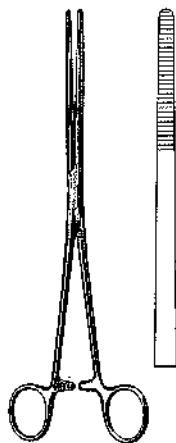
FOERSTER SPONGE FORCEPS

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



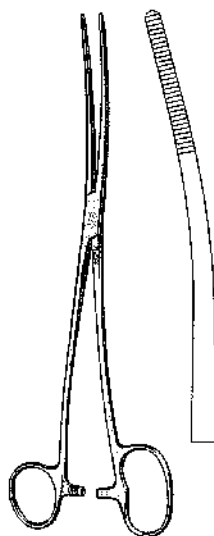
30-2505



7-620



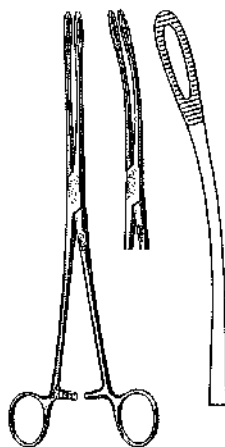
7-622



7-624

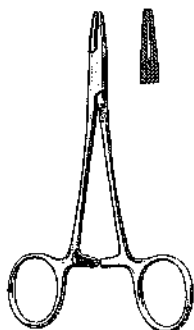
- 7-620 BOZEMAN Sponge Forceps 10½" (26.7 cm), straight
- 7-622 BOZEMAN Sponge Forceps 10½" (26.7 cm), double curved
- 7-624 BOZEMAN Sponge Forceps 10½" (26.7 cm), double curved, with one large finger ring

- 7-630 FLETCHER Sponge Forceps 9½" (24.1 cm), straight
- 7-632 FLETCHER Sponge Forceps 9½" (24.1 cm), curved

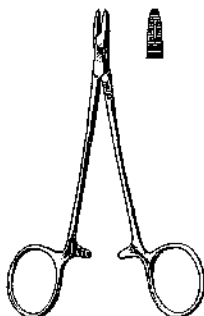


7-630

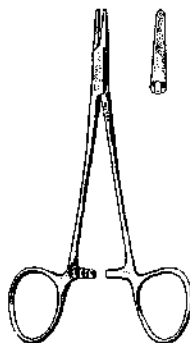
7-632



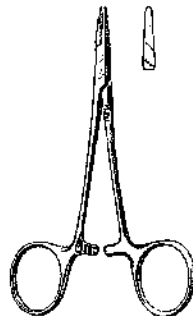
8-2



8-4

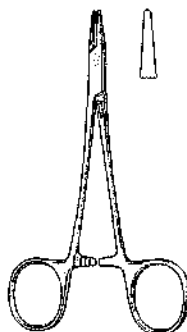


8-6

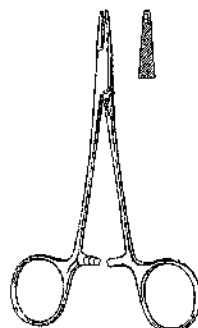


8-7

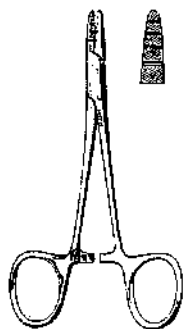
- 8-2 COLLIER Needle Holder 5" (12.7 cm),
fenestrated jaws
- 8-4 DERF Needle Holder 4 3/4" (12.1 cm)
- 8-6 WEBSTER Needle Holder 5" (12.7 cm),
delicate, smooth jaws, standard pattern
- 8-7 WEBSTER Needle Holder 4 3/4" (12.1 cm),
extra delicate, smooth jaws
- 8-8 HALSEY Needle Holder 5" (12.7 cm),
smooth jaws
- 8D-36 HALSEY Needle Holder 5" (12.7 cm),
serrated jaws



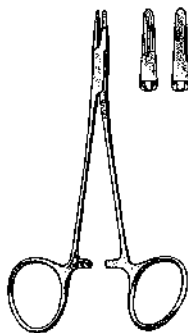
8-8



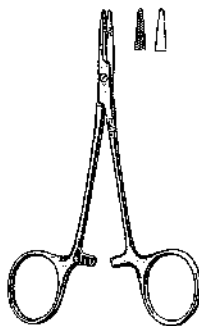
8D-36



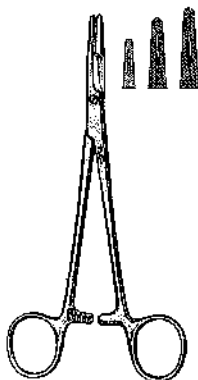
8-10



8-12



8-14
8-14A

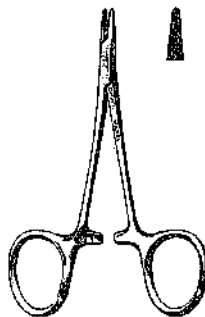


8-15 to 8-17

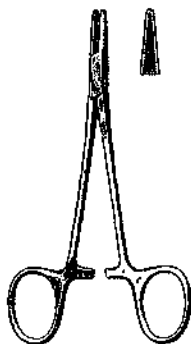
- 8-10 ABBEY Needle Holder 5" (12.7 cm)
8-12 NEIVERT Needle Holder 5" (12.7 cm), one offset ring

OLSEN-HEGAR NEEDLE HOLDERS
combined with Suture Scissors

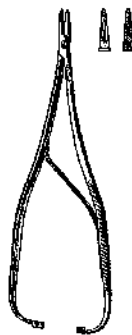
- 8-14 4¾" (12.1 cm), extra delicate pattern, serrated jaws
8-14A 4¾" (12.1 cm), extra delicate pattern, smooth jaws
8-15 5½" (14 cm), serrated jaws
8-16 6½" (16.5 cm), serrated jaws
8-17 7¼" (18.4 cm), serrated jaws
8-20 CONVERSE Needle Holder 4¾" (10.8 cm), longitudinal serrations, large finger rings



8-20



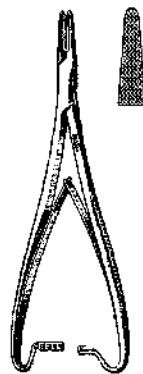
8-22
8-23



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 1/4" (17.1 cm), convex jaws, fine serrations

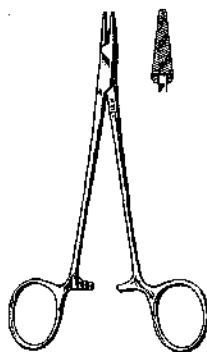
8-26 BOYNTON Needle Holder 5" (12.7 cm), delicate

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

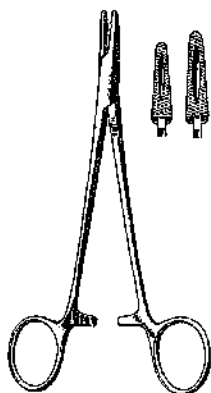
8-30 MATHIEU Needle Holder 6 1/4" (15.9 cm), with spring handles

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

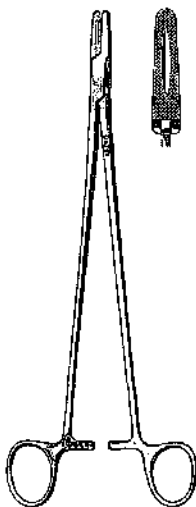
8-40 BAUMGARTNER Needle Holder 5 1/2" (14 cm)



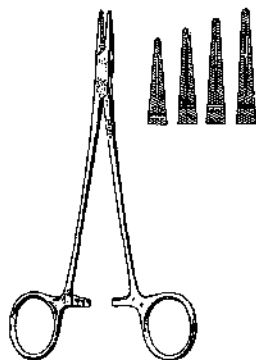
8-40



8-42 to 8-48



8-130



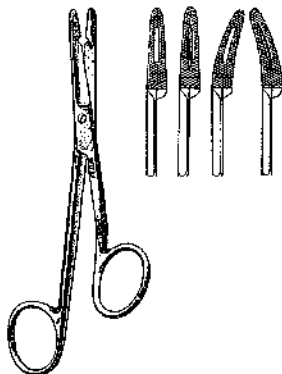
8-50 to 8-53

- 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

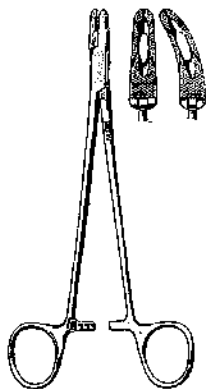
- 8-58 6½" (16.5 cm), straight
- 8-59 6½" (16.5 cm), curved



8-58
8-59



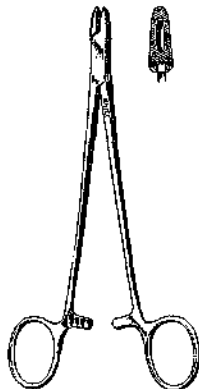
8-70



8-74
8-76



8-80

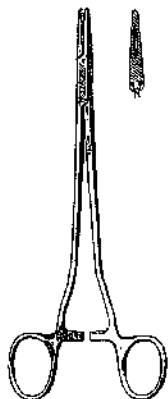


8-84

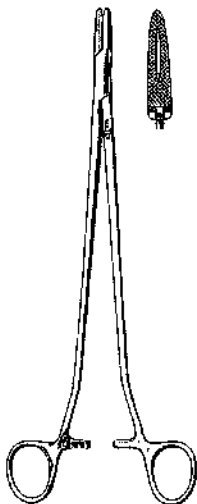
- 8-70 ADSON Needle Holder 7" (17.8 cm), fenestrated jaws
- 8-74 METZENBAUM Needle Holder 7¼" (18.4 cm), straight, fenestrated jaws
- 8-76 METZENBAUM Needle Holder 7¼" (18.4 cm), curved, fenestrated jaws
- 8-80 NEW ORLEANS Needle Holder 7" (17.8 cm)
- 8-84 M.G.H. Needle Holder 7" (17.8 cm)
- 8-94 CRILE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



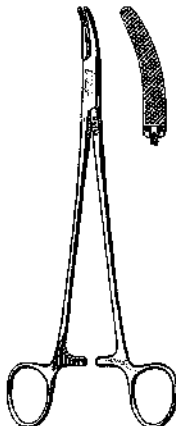
8-94



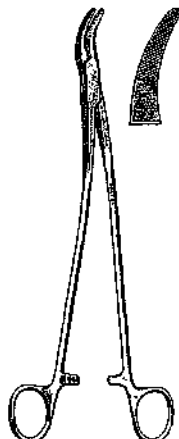
8-96



8-114

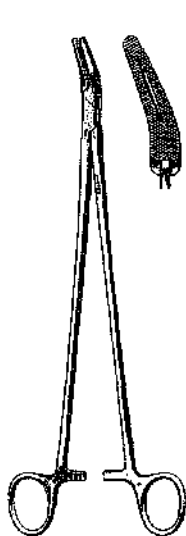


8-100

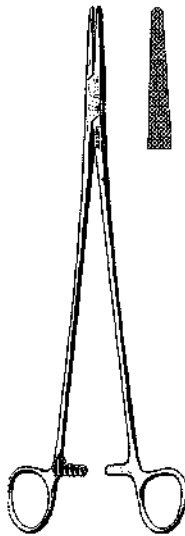


8-102

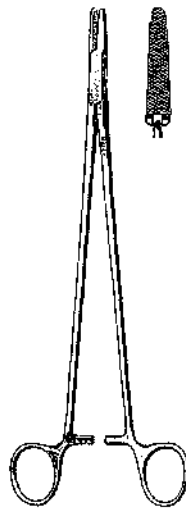
- | | |
|-------|--|
| 8-96 | SAROT Needle Holder 7 1/4" (18.1 cm), light model |
| 8-114 | SAROT Needle Holder 10 1/2" (26.7 cm) |
| 8-100 | HEANEY Needle Holder 8 1/2" (21.6 cm), curved jaws |
| 8-102 | STRATTE Needle Holder 9" (22.9 cm), double curved jaws and bent shanks |



8-122



8-134

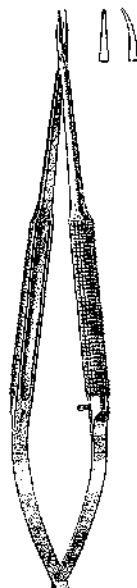


8-136

- | | |
|-------|---|
| 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 |



17-1000



**17-980
17-1010**



17-1020



**17-1024
17-1025**

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

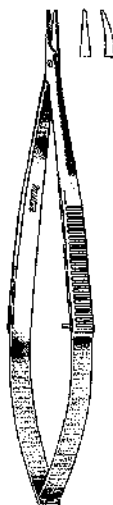
17-1000	5¼" (13.3 cm), curved jaws
17-980	7¼" (18.1 cm), straight jaws
17-1010	7¼" (18.1 cm), curved jaws
17-1020	5¼" (13.3 cm), curved jaws, with lock
17-1024	7¼" (18.1 cm), straight jaws, with lock
17-1025	7¼" (18.1 cm), curved jaws, with lock



18-1800



18-1810



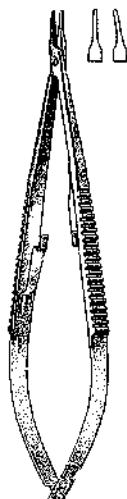
18-1820

18-1824



18-1828

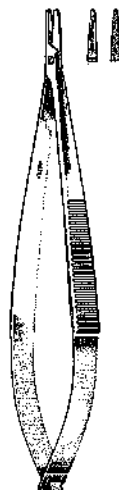
18-1832



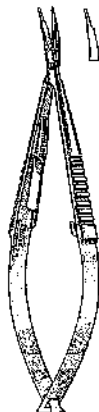
18-1831

18-1833

- 18-1800 KALT Needle Holder 5½" (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



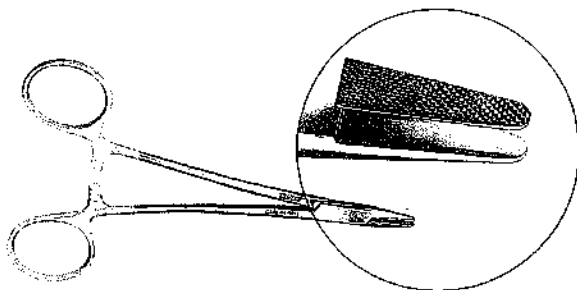
18-1858

- 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.

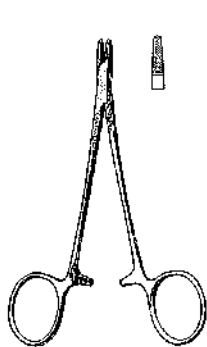
Gold plated finger rings identify these tungsten carbide instruments, and the Mitex catalog number has been etched on each needle holder to facilitate re-ordering.

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

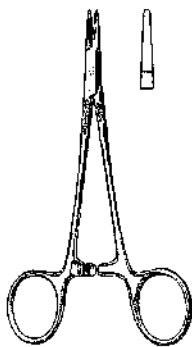


Carb-N-Sert Needle Holders

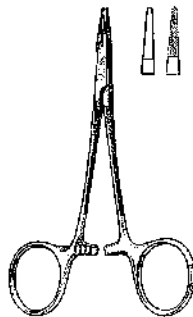
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures



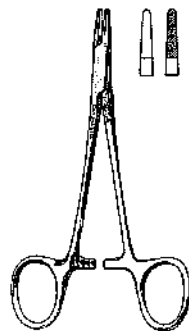
8-4TC



8-6TC



**8-7TC
8-7A-TC**



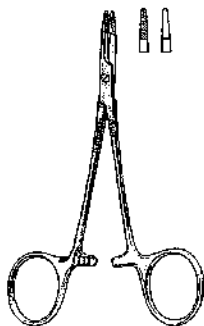
**8-8TC
8-8A-TC**

- | | |
|----------------|--|
| 8-4TC | DERF Needle Holder 4 1/4" (12.1 cm), serrated jaws 4000 teeth p. sq. inch |
| 8-6TC | WEBSTER Needle Holder 5 1/4" (13.3 cm), smooth jaws, standard pattern, delicate |
| 8-7TC | WEBSTER Needle Holder 4 3/4" (12.1 cm), smooth jaws, extra delicate |
| 8-7A-TC | WEBSTER (JOHNSON) Needle Holder 4 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 |

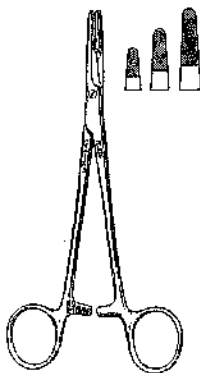
Carb-N-Sert Needle Holders



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



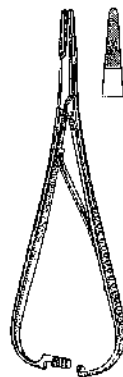
8-14TC
8-14A-TC



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



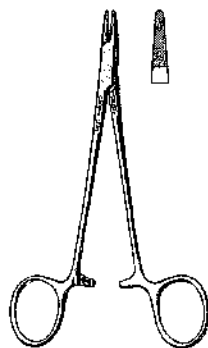
8-28TC



8-30TC

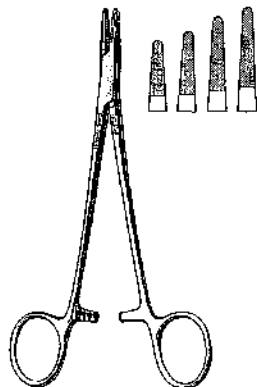
OLSEN-HEGAR NEEDLE HOLDERS combined with Suture Scissors

- 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

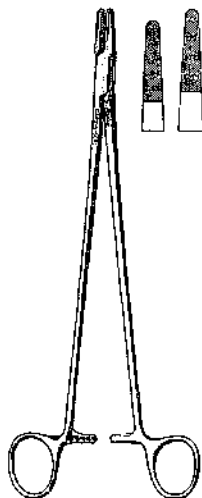


8-40TC

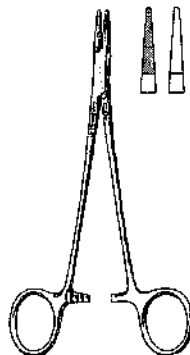
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures



8-42TC to 8-48TC



**8-130TC
8-49TC**



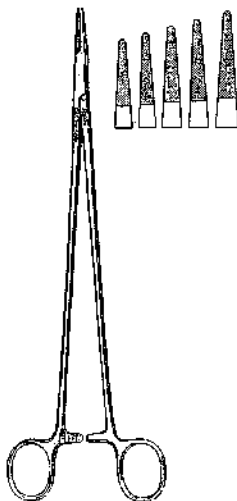
**8-50TC
8-50A-TC**

- | | |
|-----------------|--|
| 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 |

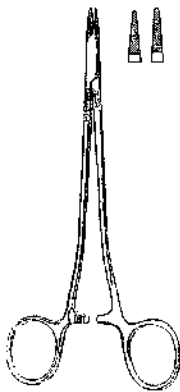
Carb-N-Sert Needle Holders



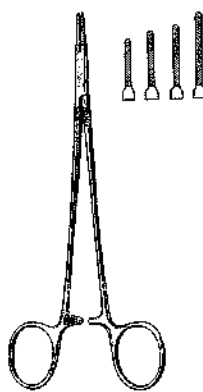
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures



8-51TC to 8-57TC



8-62TC
8-63TC



8-65TC to 8-69TC



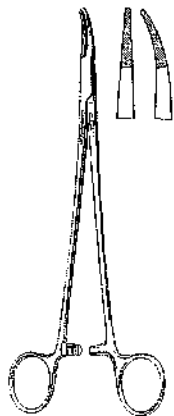
8-81TC

- | | |
|--------|--|
| 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 |

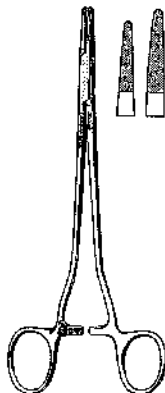


Carb-N-Sert Needle Holders

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



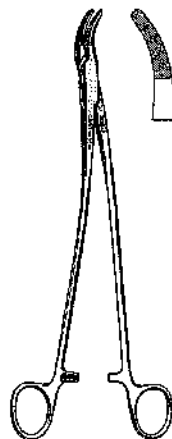
8-82TC
8-83TC



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 SART Needle Holder 7¼" (18.4cm), serrated jaws 2600 teeth p. sq. inch

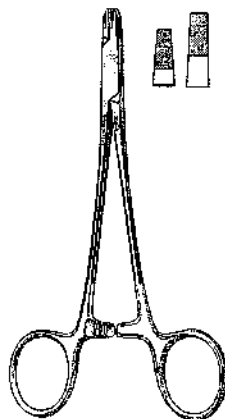
8-114TC SART Needle Holder 10½" (26.7cm), serrated jaws 2600 teeth p. sq. inch

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)

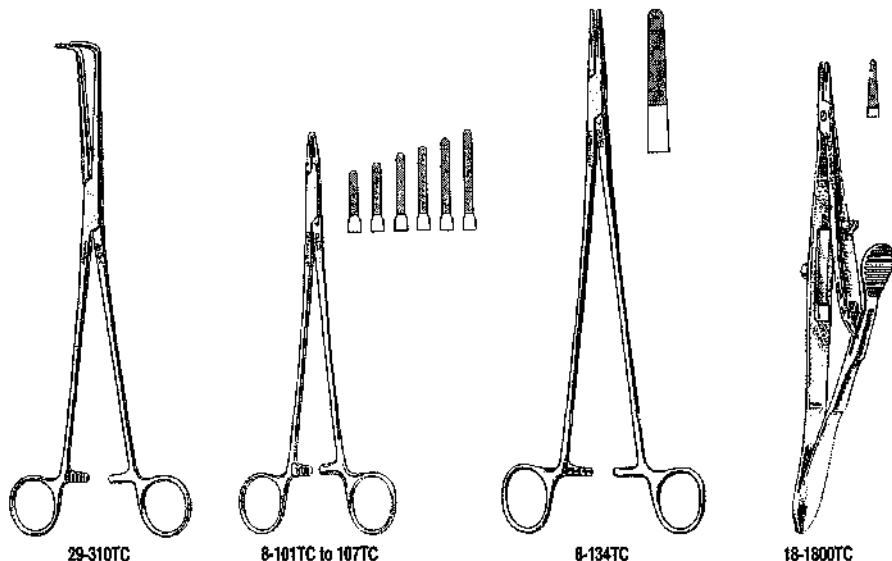


22-500TC
22-502TC

Carb-N-Sert Needle Holders



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



29-310TC BIRLE 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

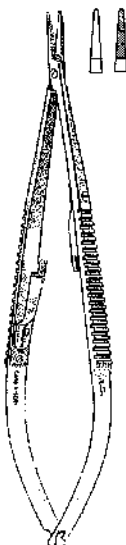


18-1816TC

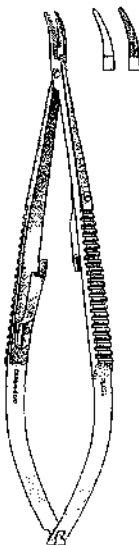


Carb-N-Sert Needle Holders

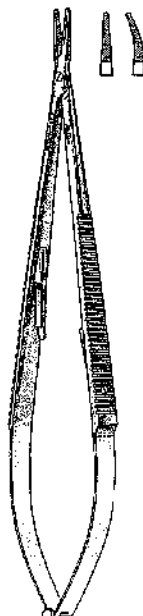
CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts insure firm holding of needles and sutures



18-1828TC
18-1828A-TC



18-1832TC
18-1832A-TC



17-1090TC to 17-1092TC

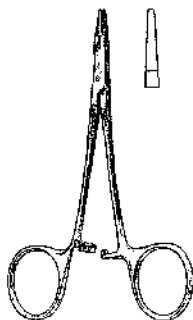
- 18-1828TC** CASTROVIEJO Needle Holder 5 1/2" (14 cm), straight, with lock, smooth jaws
18-1828A-TC CASTROVIEJO Needle Holder 5 1/2" (14 cm), straight, with lock, serrated jaws 16000 teeth p. sq. inch
18-1832TC CASTROVIEJO Needle Holder 5 1/2" (14 cm), curved, with lock, smooth jaws
18-1832A-TC CASTROVIEJO Needle Holder 5 1/2" (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 8 1/2" (21.6 cm), straight, with lock, serrated jaws 16000 teeth p. sq. inch

Carb-N-Sert Needle Holders

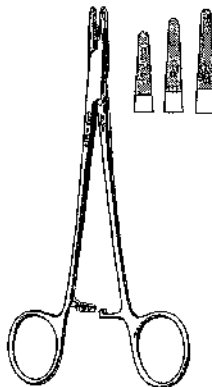


CARB-N-SERT NEEDLE HOLDERS
with tungsten carbide inserts
insure firm holding of needles and sutures

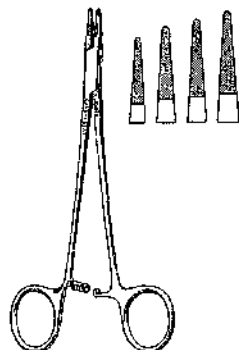
With QUICK-RELEASE RATCHET
(suitable for Left Handers)



8-706TC

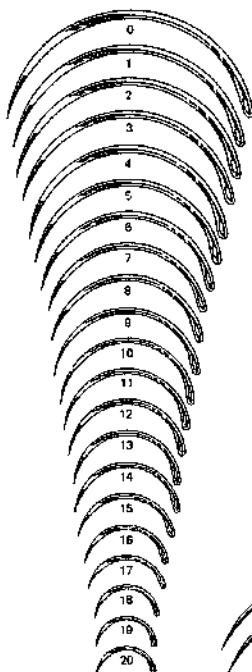


8-744TC to 8-748TC



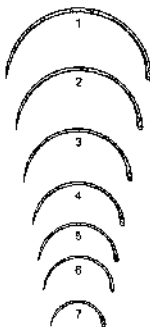
8-750TC to 8-753TC

- | | |
|----------------|---|
| 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 |

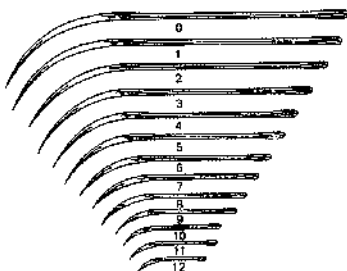


MS-192
REGULAR SURGEON'S
1/2 Circle
Cutting Edge

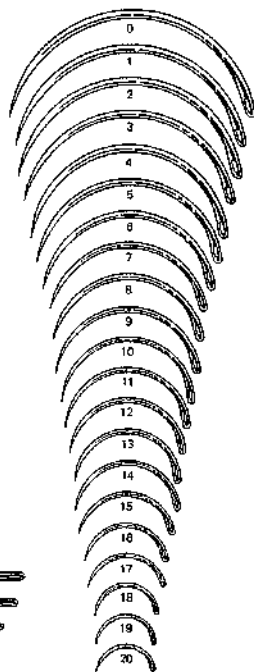
MS-192S
Same as above
with Spring Eye



MS-150
ROUND BODIED
1/2 Circle
Taper Point



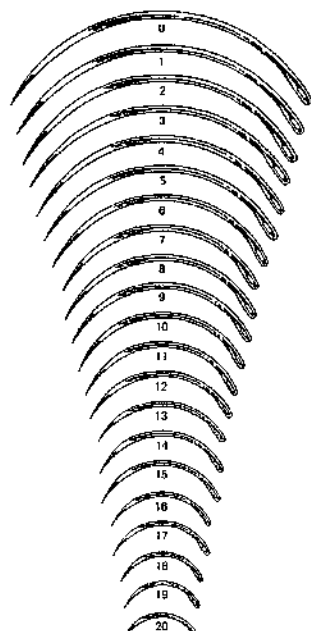
MS-141
REGULAR SURGEON'S
Half Curved
Cutting Edge



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

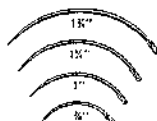
All needles shown actual size

Needles are packed in packages of 12.

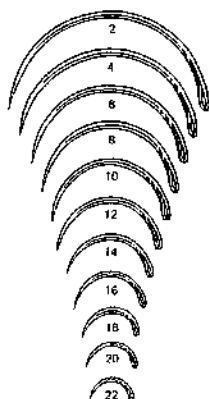


MS-140
REGULAR SURGEON'S
3/8 Circle
Cutting Edge

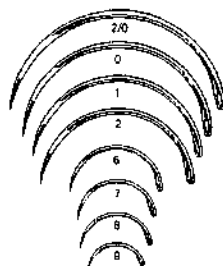
MS-140S
Same as above
with Spring Eye



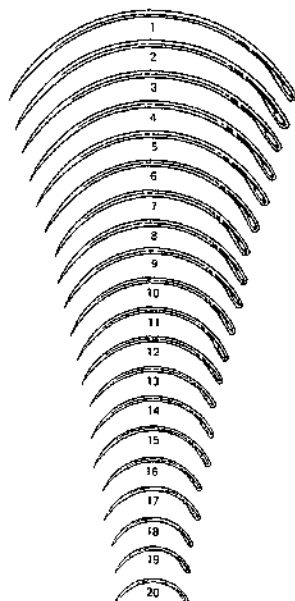
MS-153
MAYO INTESTINAL
3/8 Circle
Taper Point



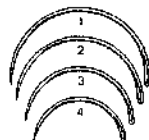
MS-126
FERGUSON
1/2 Circle
Taper Point



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.

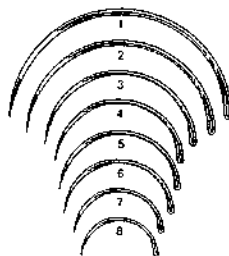
Needles are packed in packages of 12.



Surgical Needles



MS-431
KEITH ABDOMINAL
Straight
Triangular Point



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

Eye Needles



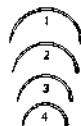
MS-172
EYE NEEDLE
3/8 Circle
Cutting Edge



MS-175
EYE NEEDLE
1/2 Circle
Cutting Edge

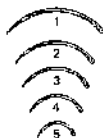


MS-177
JAMESON STRABISMUS
Cutting Edge



MS-176
EYE NEEDLE
1/2 Circle
Taper Point

Dental Needles



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

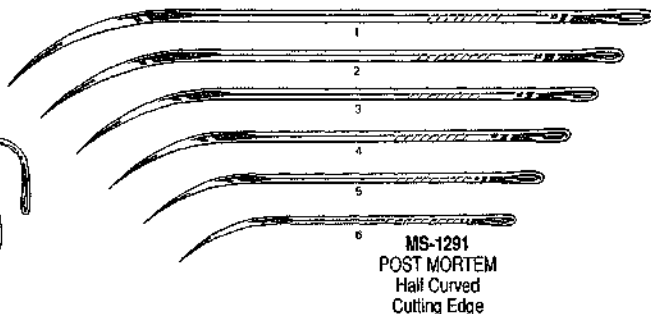
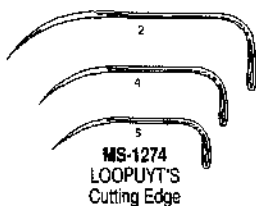
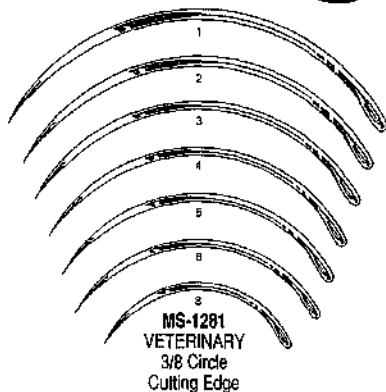
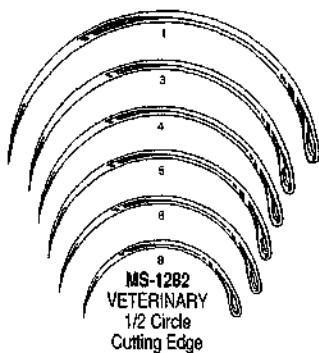


MS-156
LANE CLEFT PALATE
1/2 Circle
Cutting Edge



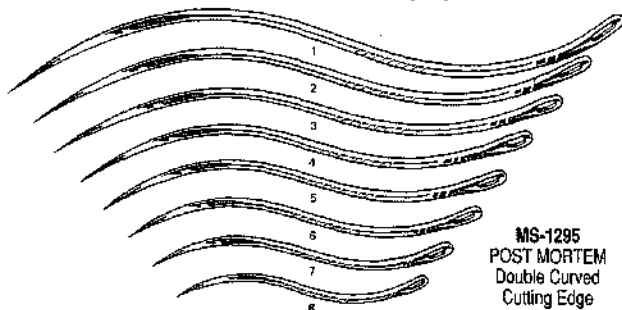
MSRC-14
MSRC-18
DENTAL
REVERSE CUTTING EDGE
1/2 Circle

Needles are packed in packages of 12.



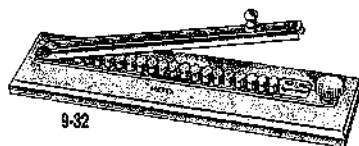
All needles have Regular eyes,
unless otherwise noted.

Needles are packed
in packages of 12.

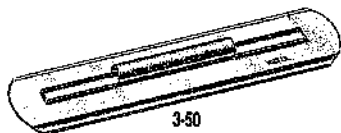




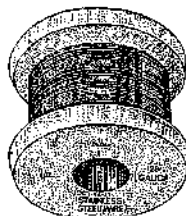
9-1 to 9-10



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



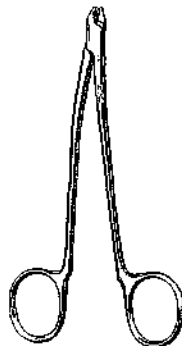
9-52



9-54

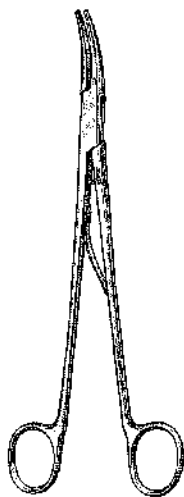


9-60

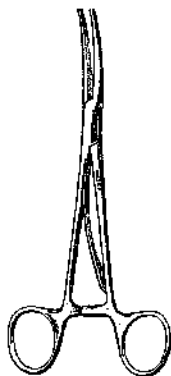


9-62

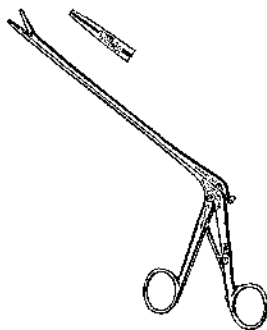
- 9-50 MICHEL Clip Applying Forceps 4¾" (12.1 cm)
- 9-52 HEGENBARTH Clip Applying Forceps 4¾" (12.1 cm), cross action
- 9-54 WACHENFELD Clip Applying-Removing Forceps 4¾" (12.1 cm), cross action
- 9-60 MICHEL Clip Applying-Removing Forceps 5" (12.7 cm), double ended
- 9-62 MILTEX Skin Staple Removing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



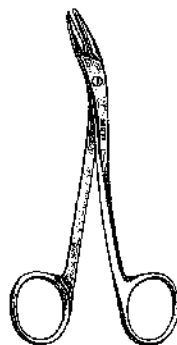
9-74



9-80



9-90



9-94

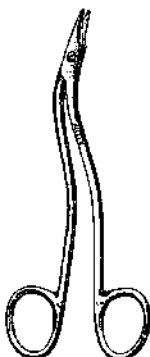
- 9-74 SMITHWICK Clip Applying Forceps 9" (22.9 cm), curved jaws, straight handles
- 9-80 MCKENZIE Clip Applying Forceps 6" (15.2 cm), curved jaws, straight handles
- 9-90 SCHOVILLE Clip Applying Forceps 6" (15.2 cm) shaft
- 9-94 RICHTER HEATH Clip Removing Forceps 5½" (14 cm)



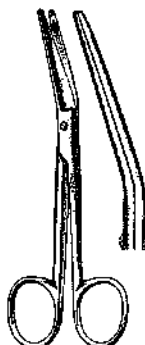
17-303



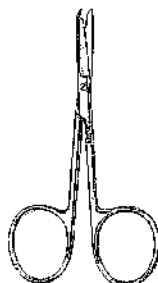
18-1107



9-96



9-98



9-100

17-303 Suture Forceps (style 3), narrow, line 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

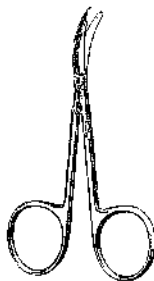
9-96 HEATH Suture Scissors 6 1/2" (15.4 cm), serrated blade

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

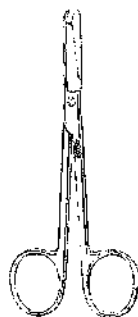
9-100 SPENCER Stitch Scissors 3 1/2" (8.9 cm), delicate

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



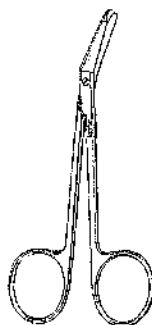
9-103



9-104

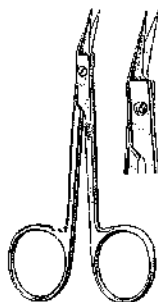


9-106



9-108

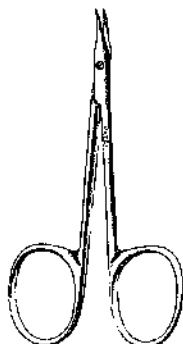
- 9-103 NORTHBENT Stitch Scissors $4\frac{3}{4}$ " (12.1 cm), curved, light pattern
- 9-104 LITTAUER Stitch Scissors $5\frac{1}{2}$ " (14 cm), standard pattern
- 9-106 LONG Oral Surgery Stitch Scissors 6" (15.2 cm)
- 9-108 MILTEX Stitch Scissors $4\frac{1}{2}$ " (11.4 cm), angled, delicate
- 9-110 O'BRIEN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



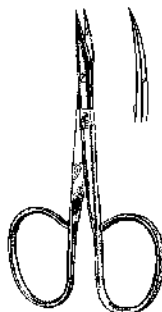
9-110



18-1486



18-1652



18-1653*

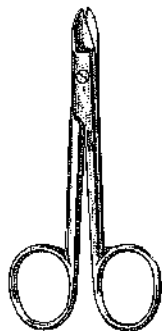


21-536

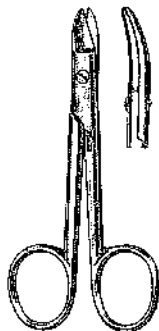
- 18-1486** WESTCOTT Stich Scissors 4½" (11.4 cm), curved, sharp points
- 18-1652** Eye Suture (GRADLE) Scissors 3¾" (9.5 cm), slightly curved, sharp points
- 18-1653*** Eye Suture Scissors 4" (10.2 cm), slightly curved, sharp points, ribbon type
- 21-536** LITTLER Suture Carrying Scissors 4¾" (11.8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

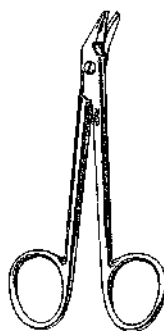
*Ribbon type scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



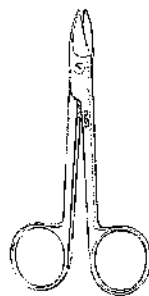
9-120
9D-121



9-122
9D-123



9-124
9-124TC



9D-132
9D-133

WIRE CUTTING SCISSORS 4 3/4" (12.1 cm)

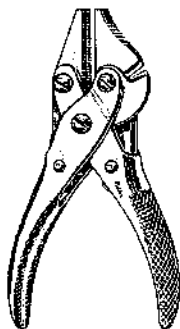
- 9-120 Straight, one serrated blade
- 9D-121 Straight
- 9-122 Curved, one serrated blade
- 9D-123 Curved
- 9-124 Angled to side, one serrated blade
- 9-124TC Angled to side, one serrated blade, Carb-N-Sert inserts

WIRE CUTTING SCISSORS 4 1/2" (10.8 cm)

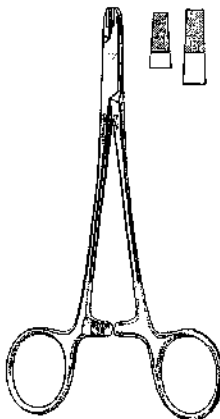
- 9D-132 Straight, one serrated blade
- 9D-133 Straight
- 9D-134 Curved, one serrated blade
- 9D-135 Curved



9D-134
9D-135



9-128



22-500TC
22-502TC



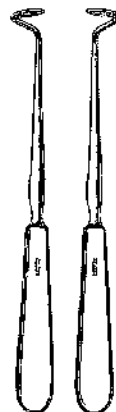
27-176TC

9-128 Double Action Parallel Pliers and Wire Cutter
4 1/2" (11.4 cm), nickel plated

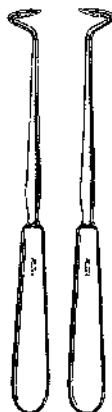
22-500TC Wire Twister 6" (15.2 cm), CARB-N-SERT jaws
22-502TC Wire Twister 8" (20.3 cm), CARB-N-SERT jaws

27-176TC MILTEX Pin Puller 5 1/2" (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

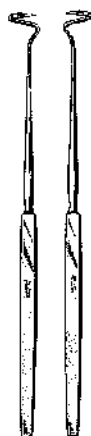


9-140
9-142



9-146
9-148

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



9-154
9-156



12-90
12-92



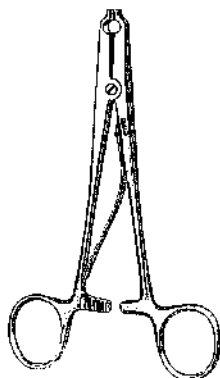
21-900



21-901



21-902



26-590

- 9-154 DUPUYS-WEISS Ligature Carrier $8\frac{1}{2}"$ (21.6 cm), right
9-156 DUPUYS-WEISS Ligature Carrier $8\frac{1}{2}"$ (21.6 cm), left

- 12-90 LAHEY Ligature Carrier $7\frac{1}{2}"$ (19.1 cm), curved left
12-92 LAHEY Ligature Carrier $7\frac{1}{2}"$ (19.1 cm), curved right

- 21-900 OBWEGESER Mandibular Awl for wire suturing
 $5\frac{1}{2}"$ (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
 $6\frac{1}{4}"$ (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 $8\frac{3}{4}"$ (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



20-100

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

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

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

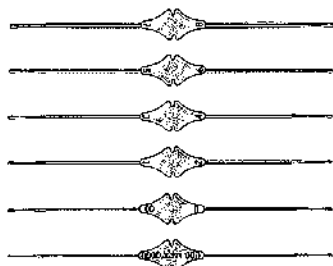
10-79	
10-80	
10-82	
10-84	
—	

28-100

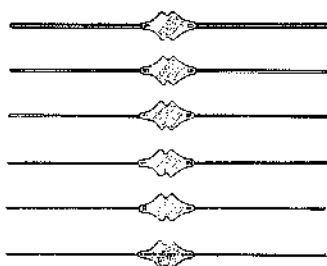
LARRY Probe and Grooved Director 7" (17.8 cm)



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



28-108



28-109



14-2



14-4-15
14-4-18

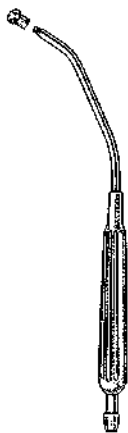


14-12

- 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

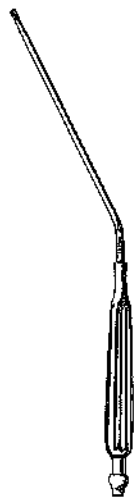


2-104
2-104SS



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 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
- 10-220** ANTHONY Suction Tube 10" (25.4 cm), lumen 2 mm, chrome



10-220



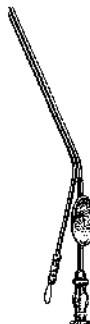
20-466



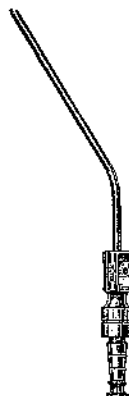
10-310



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



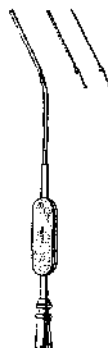
20-460



Suction Tubes



19-580 to 19-584



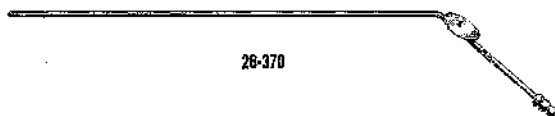
19-1820



19-589

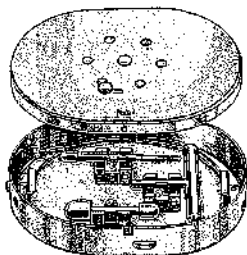


26-780
26-782



26-370

- 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)
26-370 BUIE Suction Tube 16" (40.6 cm), with finger valve, 15 Fr. (5 mm)



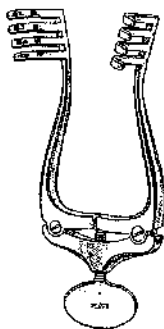
10-290

10-291

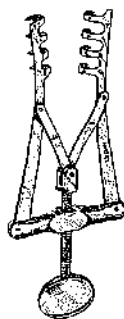
- 10-290** NABATOFF Vein Stripper Set, including 2 probe tips, 9 mm, 12 mm and 15 mm olives, and handle with screws on either end of 34" (86.4 cm) cable. Complete in sterilizer case.
- 10-291** NABATOFF Vein Stripper Set, without sterilizer case.



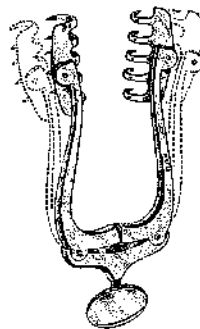
11-2



11-4



11-6



11-8

- 11-2 JANSEN Retractor 4 1/4" (10.8 cm), spread 3" (7.6 cm), 3 x 3 blunt prongs
10 mm deep, standard model
- 11-4 JANSEN Retractor 4 1/2" (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 2 1/2" (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 4 1/2" (11.4 cm), 3 x 3 blunt prongs



11-10



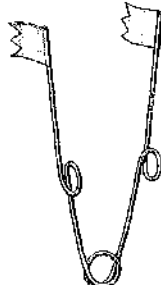
11-12
11-13



11-14
11-16



11-17
11-18



11-19

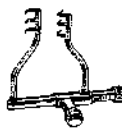
- 11-12 ALM Retractor 2 $\frac{3}{4}$ " (7 cm), spread 2 $\frac{1}{4}$ " (5.7 cm), prongs $\frac{1}{8}$ " (.32 cm) deep
- 11-13 ALM Retractor 3 $\frac{3}{8}$ " (9.8 cm), spread 3" (7.6 cm), prongs $\frac{1}{2}$ " (1.3 cm) deep
- 11-14 MILTEX Cross Action Retractor 4" (10.2 cm), sharp prongs
- 11-16 MILTEX 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



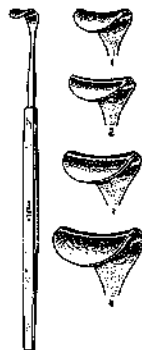
11-20



11-22



11-23

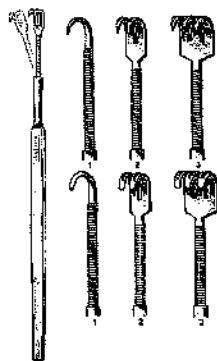


18-110 to 18-116

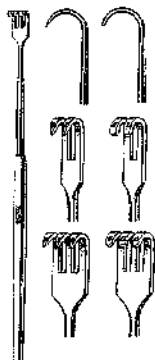


11D-27

- 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" (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



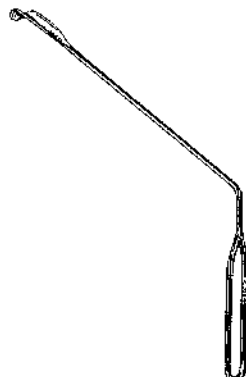
11-50 to 11-60



18-100
18-102

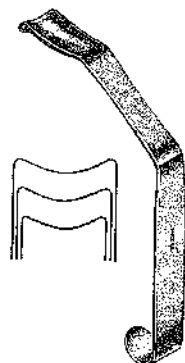


18-439

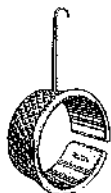


20-835

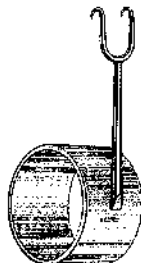
- 11-50** Rigid Neck Rake Retractor 6" (15.2 cm), 1 sharp prong
- 11-52** Rigid Neck Rake Retractor 6" (15.2 cm), 2 sharp prongs
- 11-54** Rigid Neck Rake Retractor 6" (15.2 cm), 3 sharp prongs
- 11-56** Rigid Neck Rake Retractor 6" (15.2 cm), 1 blunt prong
- 11-58** Rigid Neck Rake Retractor 6" (15.2 cm), 2 blunt prongs
- 11-60** Rigid Neck Rake Retractor 6" (15.2 cm), 3 blunt prongs
- 18-100** KNAPP (ROLLET) Retractor 5 1/4" (13.3 cm), with 4 sharp prongs
- 18-102** KNAPP Retractor 5 1/4" (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



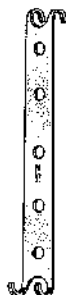
21-108



21-148



21-150



21-163

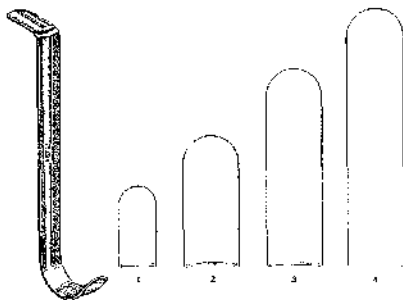
- 21-107** MILLARD Thimble Retractor, $\frac{5}{8}$ " (1.6 cm) working length, sharp single hook
- 21-108** COTTLE Thumb Retractor, $1\frac{1}{2}$ " (3.8 cm) working length, sharp double hook 8 mm wide
- 21-148** FOMON Retractor $6\frac{1}{2}$ " (16.5 cm), two ball end prongs 11 mm wide
- 21-150** COTTLE 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

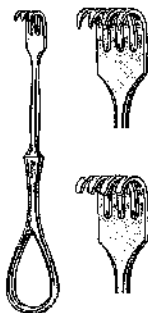


21-188



21-190

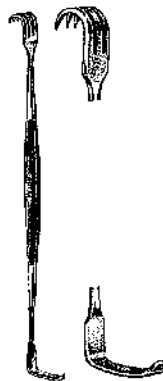
- 21-176** NEIVERT Knife Guide and Retractor 6½" (16.5 cm), double end, open blade 14 mm wide
- 21-182** CONVERSE Blade Retractor 3¾" (9.5 cm), size 1
- 21-183** CONVERSE Blade Retractor 3¾" (9.5 cm), size 2
- 21-184** CONVERSE Blade Retractor 3¾" (9.5 cm), size 3
- 21-185** CONVERSE Blade Retractor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



11-42 to 11-49



11-73



11-74
11-76



11-78

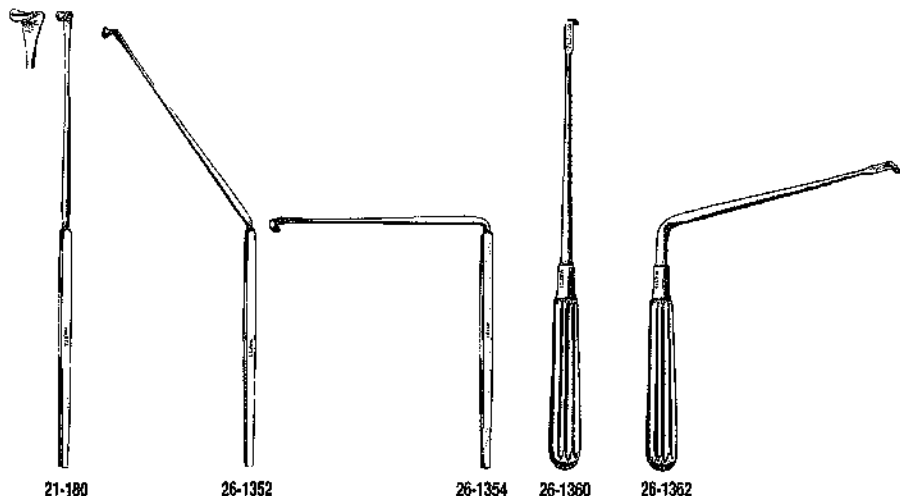


11-79

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



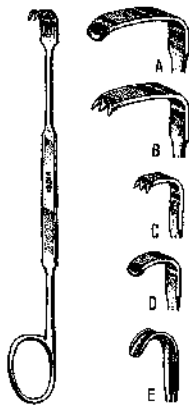
- 21-180** LOVE Nerve Retractor 8½" (21.6 cm), straight, 7 mm blade
26-1352 LOVE Nerve Root Retractor 8½" (21.6 cm), angled 45°, 7 mm blade
26-1354 LOVE Nerve Root Retractor 8½" (21.6 cm), angled 90°, 7 mm blade
26-1360 SCOVILLE Nerve Root Retractor 9" (22.9 cm), straight, 8 mm wide blade
26-1362 SCOVILLE 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 6 1/4" (15.9 cm), double end
- 11-88 MEYERDING Finger Retractor 7" (17.8 cm), style A. Blade 1/4" (.64 cm) x 1 1/8" (1.7 cm)
- 11-90 MEYERDING Finger Retractor 7" (17.8 cm), style B. Blade 3/8" (.48 cm) x 5/8" (1.6 cm)
- 11-92 MEYERDING Finger Retractor 7" (17.8 cm), style C. Blade 1/8" (.32 cm) x 1/4" (.64 cm)
- 11-94 MEYERDING Finger Retractor 7" (17.8 cm), style D. Blade 3/2" (.24 cm) x 3/8" (1 cm)
- 11-96 MEYERDING Finger Retractor 7" (17.8 cm), style E. Blade 1/4" (.64 cm) x 7/8" (2.2 cm)
- 23-1047 LUKENS Retractor 6 1/4" (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 5/8" (2.4 cm) wide, and solid blade 3/8" (1 cm) wide



Retractors



25-272
25-274



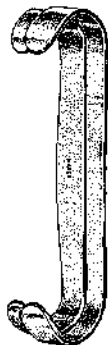
11-100



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



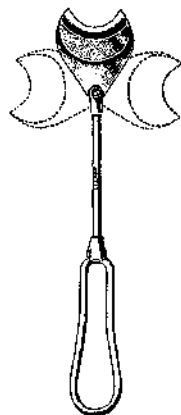
22-200



22D-202

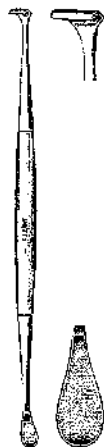


22D-209



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



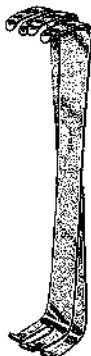
22-854



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

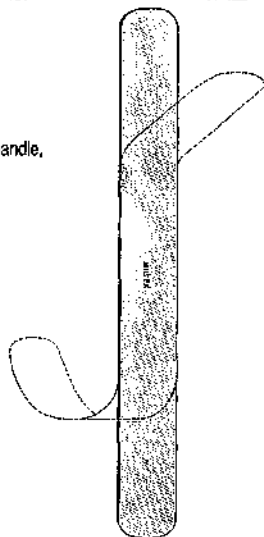
11-134 Ribbon Retractor 1¼" (3.2 cm) x 13" (33 cm), malleable

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

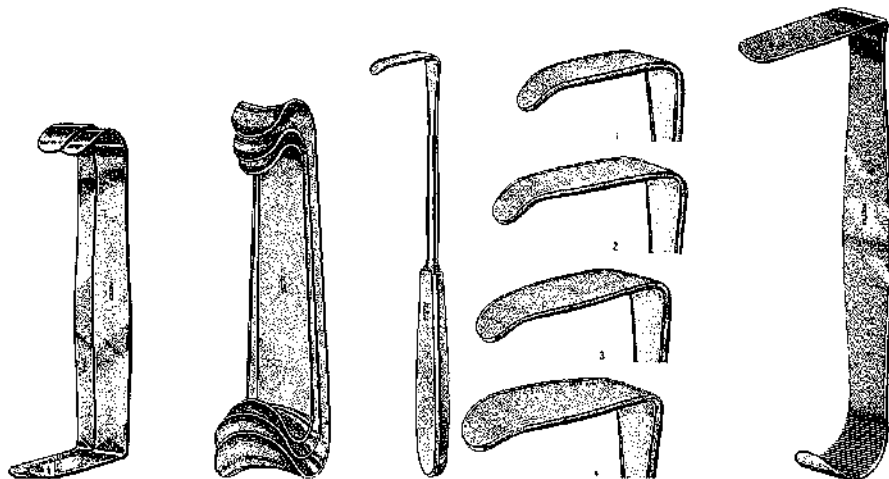
11-140 Ribbon Retractor 2" (5.1 cm) x 13" (33 cm), malleable

11-144 Pediatric Ribbon Retractor ¾" (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

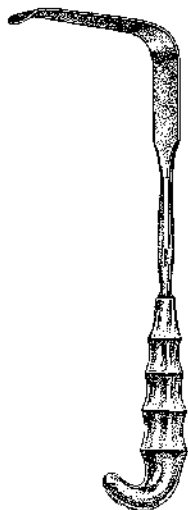
11-160 to 11-166

11-180 to 11-184

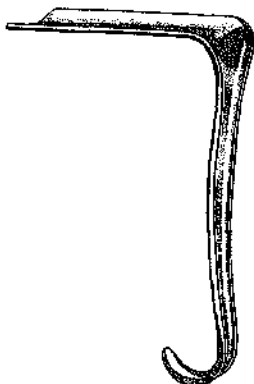
- 11-150** PARKER-MOTT Retractors 6" (15.2 cm), double end, set of two
- 11-152** ROUX Retractors 6¾" (16.8 cm), double end, set of three
- 11-153** ROUX Retractor 5¼" (13.3 cm), small ¾" (1.9 cm) x 1" (2.5 cm)
- 11-154** ROUX Retractor 5¾" (14.6 cm), medium ¾" (2.2 cm) x 1½" (3.5 cm)
- 11-155** ROUX Retractor 6¾" (16.8 cm), large 1" (2.5 cm) x 1¾" (4.1 cm)
- 11-160** LANGENBECK Retractor 8" (20.3 cm), blade ¾" (1 cm) x 1¼" (3.2 cm)
- 11-162** LANGENBECK Retractor 8" (20.3 cm), blade ¾" (1 cm) x 1½" (3.8 cm)
- 11-164** LANGENBECK Retractor 8" (20.3 cm), blade ½" (1.3 cm) x 1½" (3.8 cm)
- 11-166** LANGENBECK Retractor 8" (20.3 cm), blade ¾" (1.6 cm) x 1½" (3.8 cm)
- 11-180** HEANEY Retractor 10½" (26.7 cm), blade 1" (2.5 cm) x 1¾" (4.4 cm)
- 11-182** HEANEY Retractor 10½" (26.7 cm), blade 1½" (2.8 cm) x 2½" (7.3 cm)
- 11-184** HEANEY Retractor 10½" (26.7 cm), blade 1½" (2.8 cm) x 3¼" (8.3 cm)



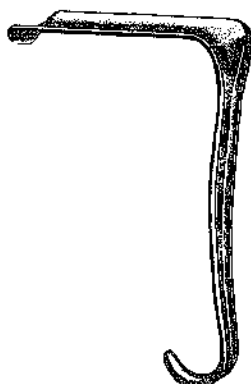
Retractors



11-185

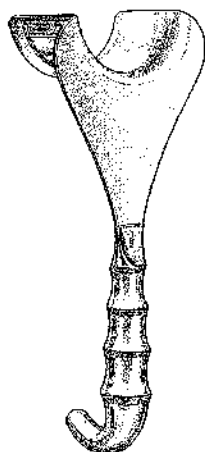


30-300 to 30-310



30-320 to 30-330

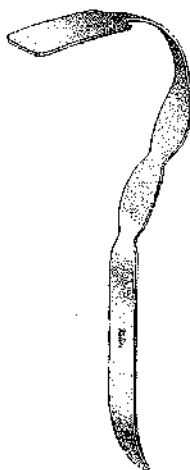
- 11-185** HEANEY-SIMON Retractor 11½" (29.2 cm), blade 1" (2.5 cm) x 4½" (11.4 cm)
- 30-300** JACKSON Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3" (7.6 cm)
- 30-305** JACKSON Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 3½" (8.9 cm)
- 30-310** JACKSON Retractor 7" (17.8 cm), Blade 1½" (3.8 cm) x 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)



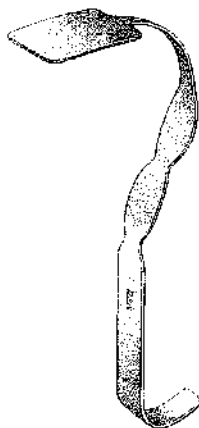
30-340



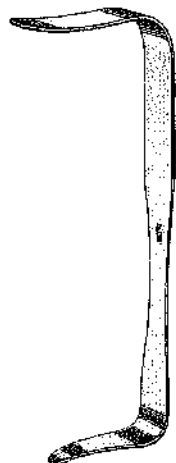
30-395 to 30-415



11-192



11-194



11-200

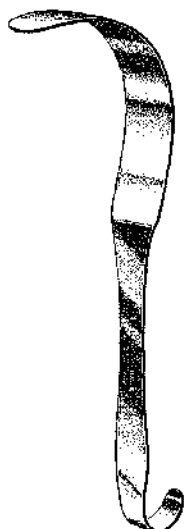
- 30-395 DOYEN Retractor 9" (22.9 cm), Blade 1 1/4" (4.4 cm) x 2 1/2" (6.4 cm)
- 30-406 DOYEN Retractor 9" (22.9 cm), Blade 2 1/4" (5.4 cm) x 3" (7.6 cm)
- 30-415 DOYEN Retractor 9" (22.9 cm), Blade 2 1/4" (5.7 cm) x 3 1/2" (8.9 cm)

- 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

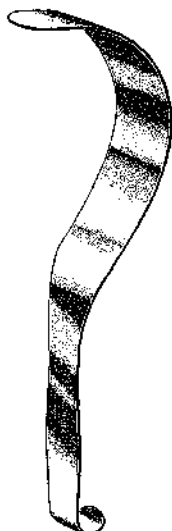
- 11-200 DEEVER Retractor 1" (2.5 cm) x 9" (22.9 cm)
- 11-202 DEEVER Retractor 1" (2.5 cm) x 12" (30.5 cm)
- 11-204 DEEVER Retractor 1" (2.5 cm) x 13" (33 cm)



11-202
11-204



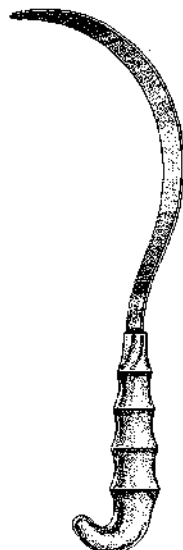
11-206



11-208
11-210

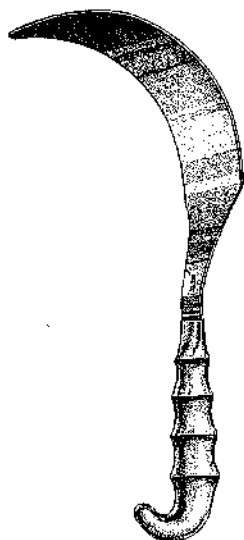


11-218 to 11-220



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 3/8" (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) |



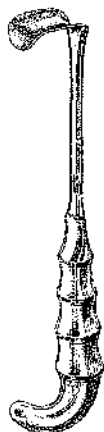
11-224 to 11-225



11-240 to 11-244

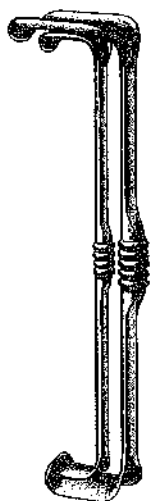


11-246 to 11-249

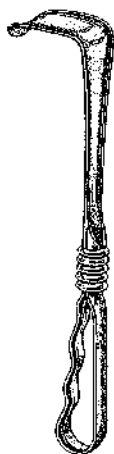


11-250 to 11-256

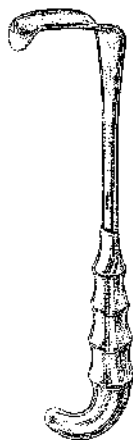
- | | |
|---------|--|
| 11-224 | DEAVER Retractor with Hollow Grip Handle, 2" (5.1 cm) x 12" (30.5 cm) |
| 11-224A | DEAVER Retractor with Hollow Grip Handle, 3" (7.6 cm) x 12" (30.5 cm) |
| 11-225 | DEAVER Retractor with Hollow Grip Handle, 4" (10.2 cm) x 12" (30.5 cm) |
| 11-240 | MEYERDING Retractor 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) |



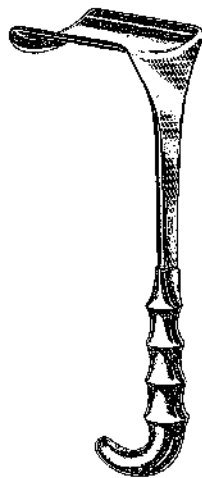
11-260 to 11-260B



11-266 to 11-269

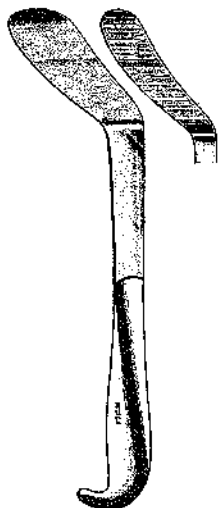


11-270 to 11-274

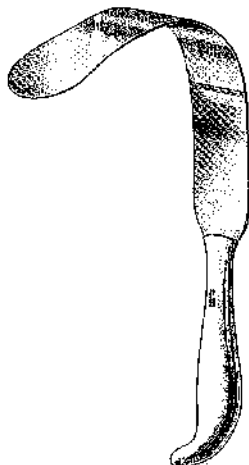


11-276

- | | |
|---------|---|
| 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

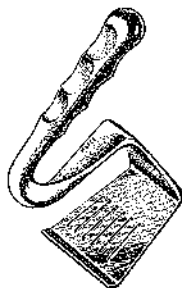
- | | |
|--------|--|
| 11-290 | MURPHY Gall Bladder Retractor 10½" (26.7 cm), blade 1¼" (3.2 cm) wide |
| 11-292 | MURPHY Gall Bladder Retractor 10½" (26.7 cm), blade 2" (5.1 cm) wide |
| 11-300 | FOSS Gall Bladder Retractor 10" (25.4 cm), blade 1¾" (4.4 cm) wide |
| 11-314 | HARRINGTON Retractor 12" (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 |



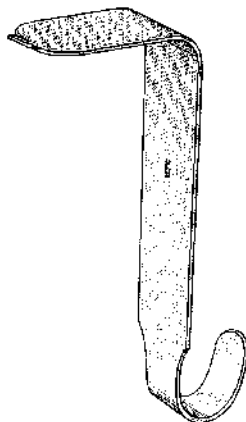
11-346



25-302



25-306

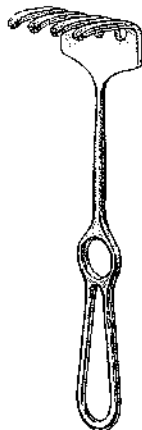


26-91
26-92

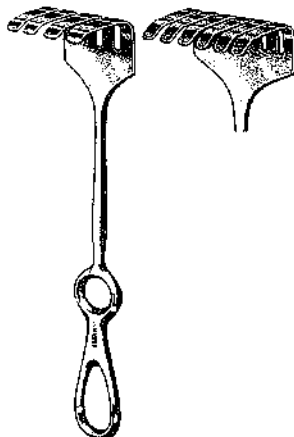
- 11-346** MAYO Abdominal Retractor 10" (25.4 cm), blade 2¾" (7 cm) wide
- 25-302** ALLISON Lung Retractor 12¾" (32.4 cm), standard size 2" (5.1 cm) wide blade
- 25-306** DAVIDSON Scapula Retractor, blade 3½" (8.9 cm) wide x 3¼" (8.3 cm) deep
- 26-91** TAYLOR Spinal Retractor 7¼" (18.4 cm), blade 1¼" (3.2 cm) x 3" (7.6 cm)
- 26-92** TAYLOR Spinal Retractor 8" (20.3 cm), blade 1¼" (3.2 cm) x 4" (10.2 cm)



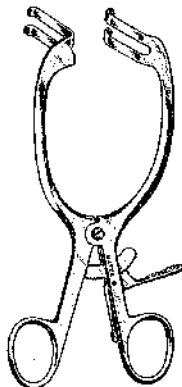
28-70 to 28-74



11-349

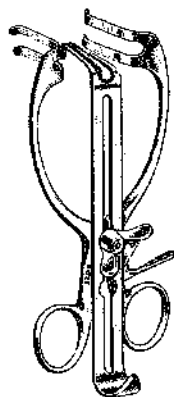


11-350
11-352

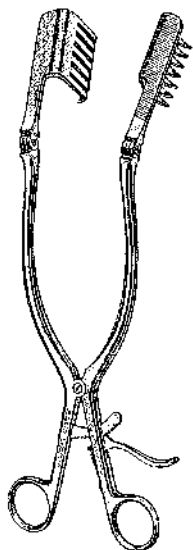


11-360

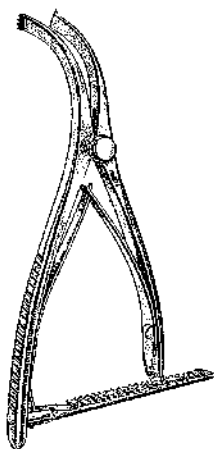
- 28-70** SAWYER Retractor 11" (27.9 cm), blade $\frac{3}{8}$ " (2.2 cm) x $2\frac{1}{2}$ " (6.4 cm)
28-72 SAWYER Retractor 11" (27.9 cm), blade $1\frac{1}{8}$ " (2.8 cm) x 3" (7.6 cm)
28-74 SAWYER Retractor 11" (27.9 cm), blade $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{2}$ " (8.9 cm)
11-349 OLLIER Retractor 8 $\frac{1}{2}$ " (21.6 cm), blunt, 4 prongs $2\frac{1}{4}$ " (5.7 cm) x $1\frac{1}{4}$ " (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 $1\frac{1}{4}$ " (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



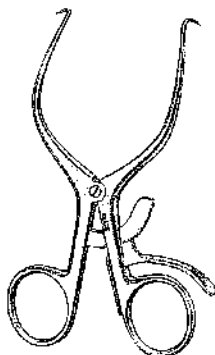
26-1973



26-2000

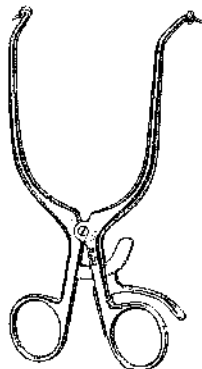
26-2001

26-2005



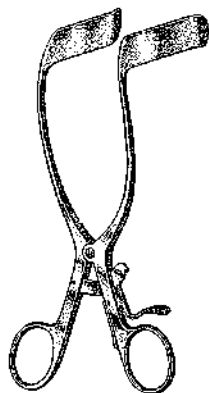
11-365

11-366

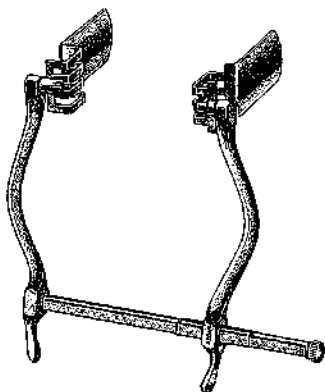


11-368

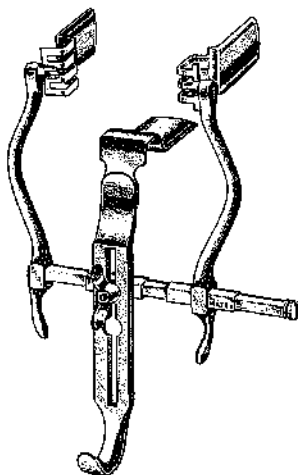
- 26-1973** BECKMAN-EATON Laminectomy Retractor 12 $\frac{3}{4}$ " (32.4 cm), hinged, sharp 7 x 7 teeth 1 $\frac{3}{4}$ " (4.4 cm) wide x 2" (5.1 cm) deep
- 26-2000** INGE Lamina Spreader 6" (15.2 cm), jaws open to 1 $\frac{1}{8}$ " (2.8 cm)
- 26-2001** INGE Lamina Spreader 6" (15.2 cm), jaws open to 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



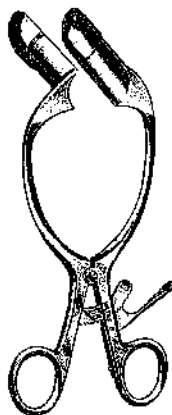
11-374



11-390



11-392



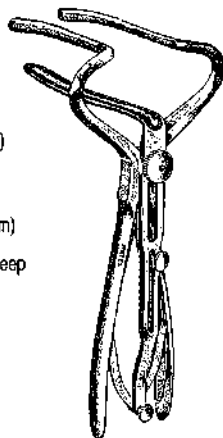
28-6

11-390 MASSON-JUDD Bladder Retractor with 2 swivel blades 1" (2.5 cm) x 2¾" (7 cm)

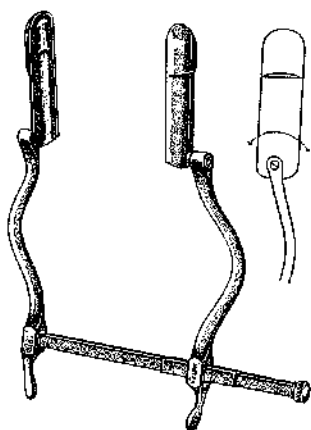
11-392 MASSON-JUDD Bladder Retractor with 2 swivel blades and center blade 1" (2.5 cm) x 2¾" (7 cm)

28-6 BARR Anal Retractor 8" (20.3 cm), self-retaining, blades 2¾" (7 cm) x ¾" (2.2 cm)

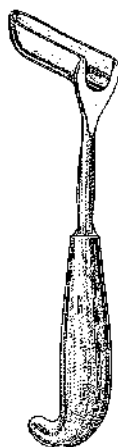
28-8 COOK Rectal Retractor 8" (20.3 cm), triple bladed, self-retaining, 4" (10.2 cm) deep blades, lower blade ½" (1.3 cm) wide



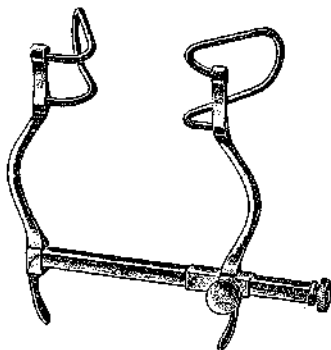
28-8



28-64
28-65

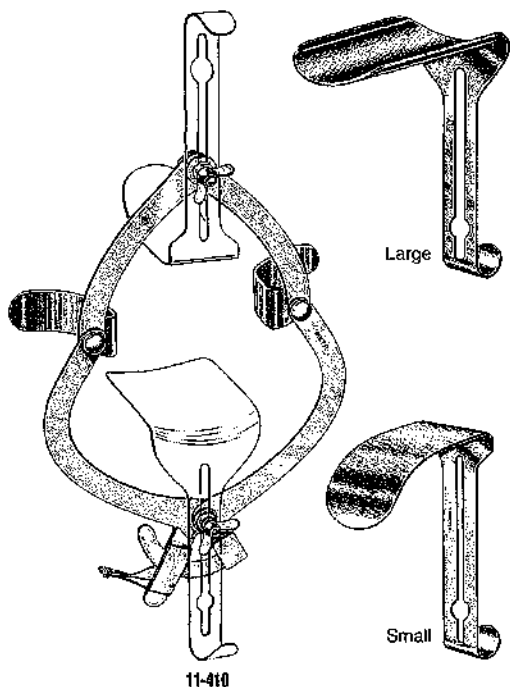


28-68
28-69

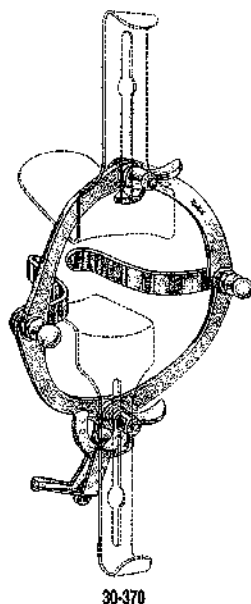


11-400 to 11-404

- 28-64 SMITH (BUIE) Anal Retractor, self-retaining, swivel blades 2½" (6.4 cm) x ¾" (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 ¾" (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



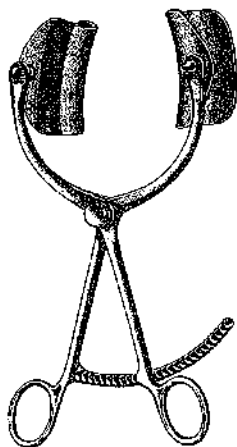
11-410



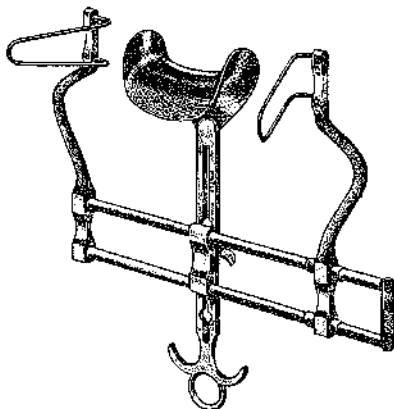
30-370

11-410 O'SULLIVAN-O'CONNOR Abdominal Retractor, with 3 interchangeable blades, two small size $1\frac{3}{4}"$ (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

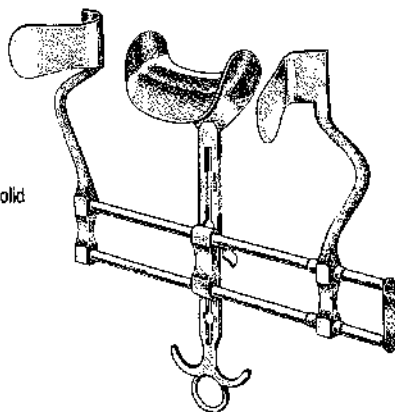
- 11-414** COLLIN Abdominal Retractor 9" (22.9 cm), with 2 swivel blades

BALFOUR ABDOMINAL RETRACTORS
with fenestrated side blades 2½" (6.4 cm) deep and solid center blade 3" (7.6 cm) x 1¾" (4.4 cm) deep

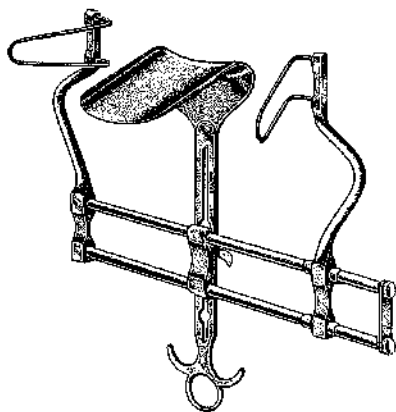
- 11-420** 7" (17.8 cm) spread (standard size)

- 11-421** 10" (25.4 cm) spread

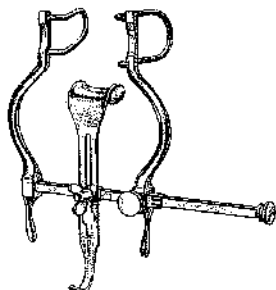
- 11-424** BALFOUR Abdominal Retractor, with solid side blades 2¾" (7 cm) deep and solid center blade 3" (7.6 cm) x 1¾" (4.4 cm) deep, 7" (17.8 cm) spread



11-424



11-428

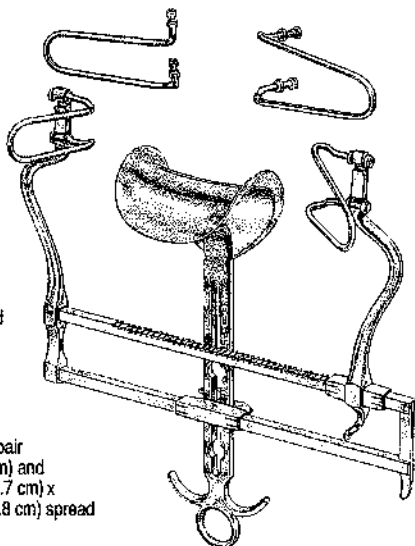


11-430

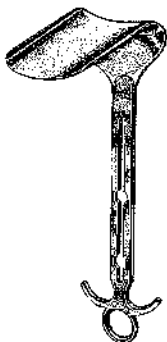
11-428 BALFOUR Abdominal Retractor, with fenestrated side blades 4" (10.2 cm) deep solid center blade 2 3/4" (7 cm) x 4" (10.2 cm) deep, 7" (17.8 cm) spread

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 2 1/4" (5.7 cm) and 3 1/2" (8.9 cm) deep and 2 solid center blades 2 5/8" (6.7 cm) x 1 3/4" (4.4 cm) and 3 1/4" (8.3 cm) x 2 3/4" (7 cm), 7" (17.8 cm) spread



11-432



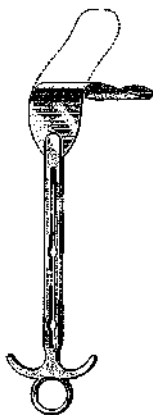
11-442



11-440

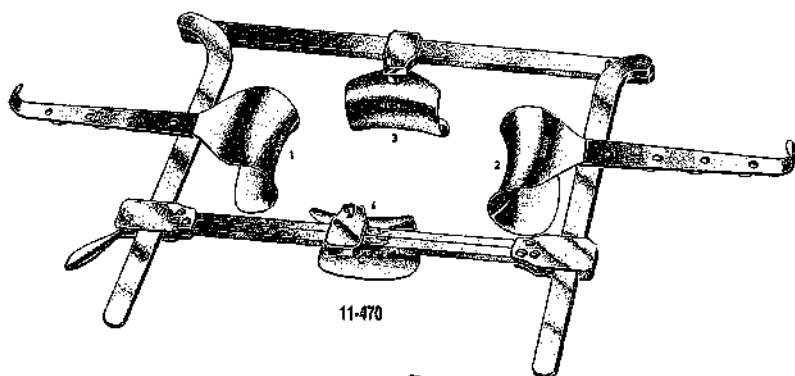
11-444

11-446

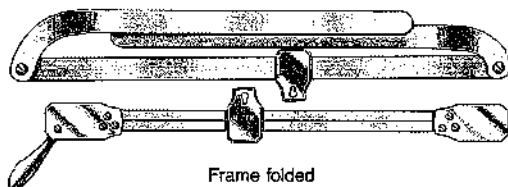
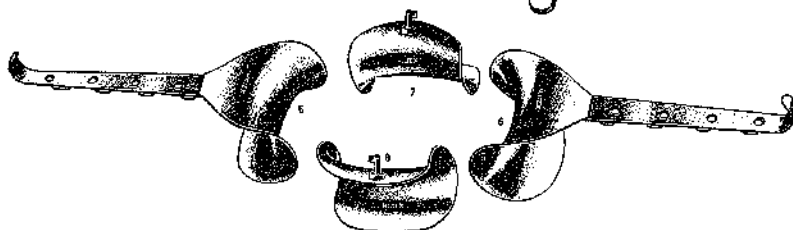


11-448

- 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 3/4" (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

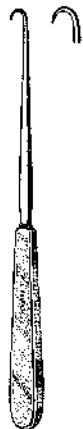
FRANZ Abdominal Retractor, with 8 interchangeable blades, folding for easy storage.

Blades No. 1 and 2 - 2" (5.1 cm) x 1 1/4" (4.4 cm) deep

Blades No. 3 and 4 - 2 1/2" (6.4 cm) x 1 1/4" (3.2 cm) deep

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

Blades No. 7 and 8 - 3 1/2" (8.9 cm) x 1 1/4" (3.2 cm) deep



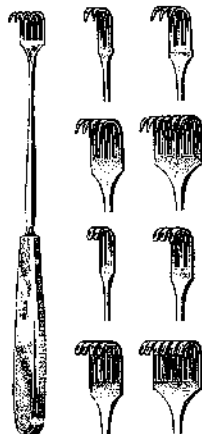
11-500



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

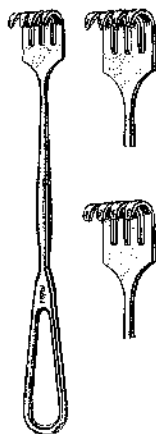
Sharp		Blunt
11-504	2 prongs	11-512
11-506	3 prongs	11-514
11-508	4 prongs	11-516

VOLKMAN RETRACTORS 8" (20.3 cm), Ring Handle

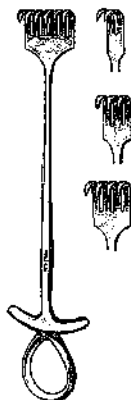
Sharp		Blunt
11-530	2 prongs	11-538
11-532	3 prongs	11-540
11-534	4 prongs	11-542
11-536	6 prongs	11-544

Retractors

Miltex
VI



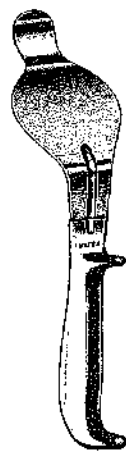
11-546 to 11-554



11-560 to 11-566



11-568 to 11-574



11-580
11-582

VOLKMAN RETRACTORS 8 3/4" (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 7 1/2" (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 9 1/2" (24.1 cm), small blade 1 3/4" (4.4 cm) wide

11-582 BENNETT Tibia Retractor 9 1/2" (24.1 cm), large blade 2 1/2" (6.4 cm) wide

11-590 HIBBS Retractor 9 1/4" (23.5 cm), blade 1" (2.5 cm) x 3" (7.6 cm) deep



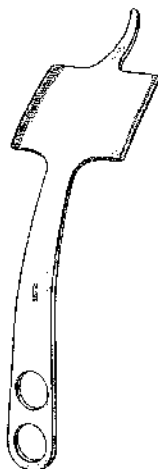
11-590



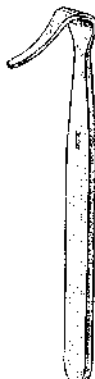
27-213
27-214



27-215 to 27-218



27-219



27-223



27-224

- 27-213** MINI-HOHMANN Retractor 6 1/4" (15.9 cm), blade 6 mm wide
27-214 MINI-HOHMANN Retractor 6 1/4" (15.9 cm), blade 8 mm wide

- 27-215** HOHMANN Retractor 9 1/4" (23.5 cm), blade 10 mm wide
27-216 HOHMANN Retractor 9 1/4" (23.5 cm), blade 18 mm wide
27-217 HOHMANN Retractor 9 1/4" (23.5 cm), blade 25 mm wide
27-218 HOHMANN Retractor 9 1/4" (23.5 cm), blade 43 mm wide
27-219 HOHMANN Retractor 9 3/4" (24.8 cm), blade 70 mm wide

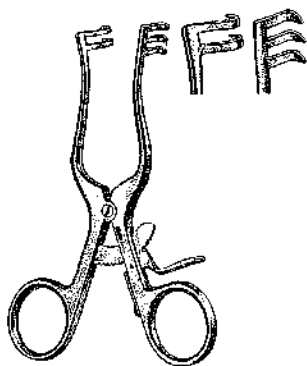
- 27-223** BLOUNT Knee Retractor 7" (17.8 cm), blade 1 1/4" (4.4 cm) deep, 5/8" (1.6 cm) wide tapering to 3/16" (.48 cm)

- 27-224** SMILLIE Meniscus Hook Retractor 5 3/4" (14.6 cm), blade 3/4" (1.9 cm) x 1 1/8" (3.5 cm)

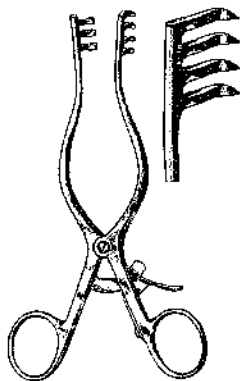
- 27-225** HAYS Hand and Finger Retractor 6" (15.2 cm), angled blade 1 1/2" (3.8 cm) long, 3/8" (1 cm) wide tapering to 1/8" (.32 cm)



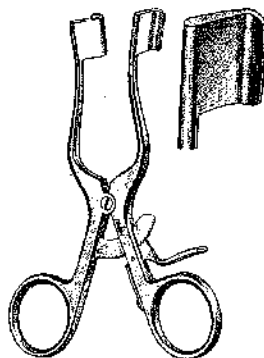
27-225



11-600 to 11-602



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



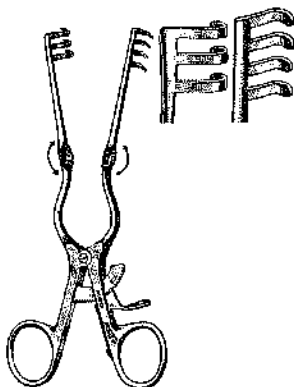
11-611

WEITLANER RETRACTORS

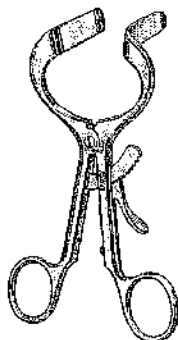
Sharp	Size	Blunt
11-600	4" (10.2 cm) 2 x 3 teeth	11-602
11-608	5½" (14 cm) 3 x 4 teeth	11-610
—	5½" (14 cm) solid blades	11-611
11-614	6½" (16.5 cm) 3 x 4 teeth	11-616
11-617	8" (20.3 cm) 3 x 4 teeth	11-618
11-620	9½" (24.1 cm) 3 x 4 teeth	11-622

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

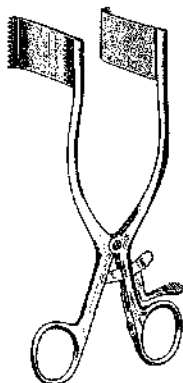


11-630 to 11-642

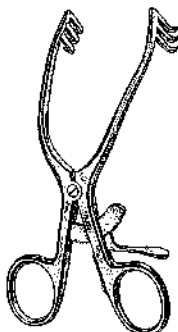


40-1235

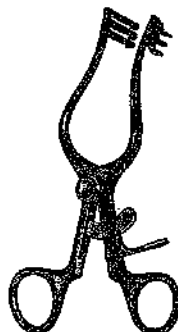
40-1235 SCHINK Retractor 4½" (11.4 cm)



11-650 to 11-656



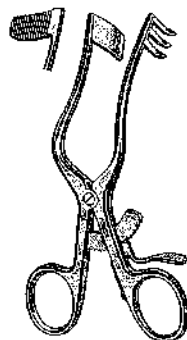
19-655



19-660

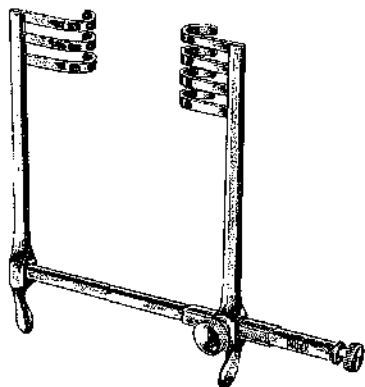
MEYERDING SELF-RETAINING RETRACTORS

- 11-650** 1" (2.5 cm) x 2 $\frac{3}{4}$ " (6.1 cm) blades
- 11-652** 1" (2.5 cm) x 2 $\frac{1}{2}$ " (5.4 cm) blades
- 11-654** 1" (2.5 cm) x 1 $\frac{1}{2}$ " (4.4 cm) blades
- 11-656** $\frac{3}{4}$ " (1.9 cm) x 2 $\frac{3}{4}$ " (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

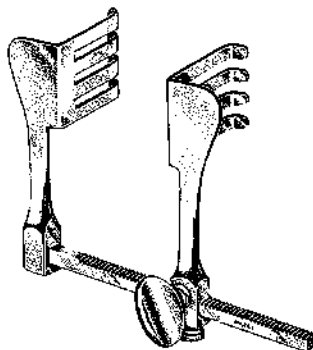


19-668

19-669



11-660

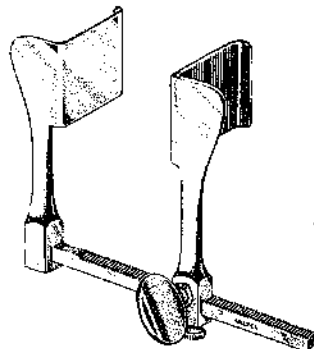


11-672

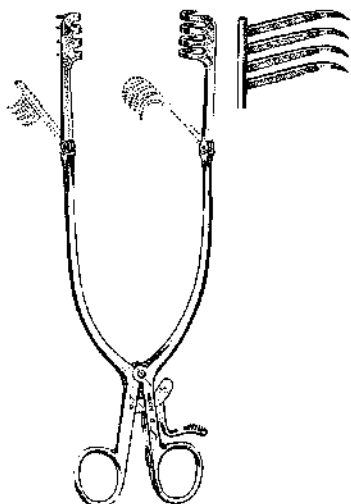
11-660 FRAZIER Retractor, 3 x 4 blunt teeth, 3¼" (8.3 cm) spread

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

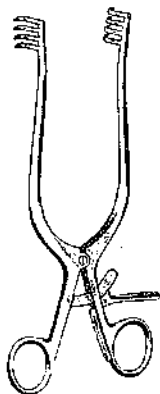
11-676 TUFFIER Retractor, 2" (5.1 cm) x 1¼" (4.4 cm), grooved blades, 6½" (16.5 cm) spread



11-676



11-684
11-686

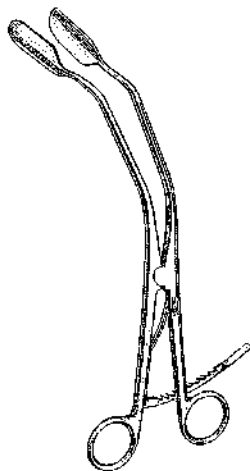


11-700



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 8¾" (21 cm), with extra long thumb ratchet retracts up to a full 2¼" (5.7 cm) for an extra wide viewing area



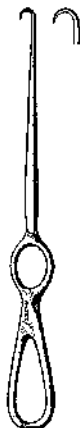
30-1355



11-82



11-500



11-502



27-230
27-232

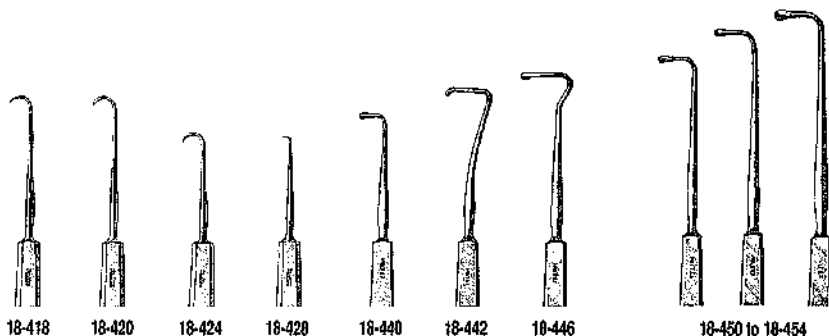


18-412
18-414



18-416

- | | |
|--------|---|
| 11-82 | MEYERDING Skin Hook and Retractor 6 $\frac{1}{4}$ " (15.9 cm), double end |
| 11-500 | VOLKMAN Hook 8 $\frac{1}{2}$ " (21.6 cm), sharp, hollow handle |
| 11-502 | VOLKMAN Hook 8 $\frac{1}{2}$ " (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



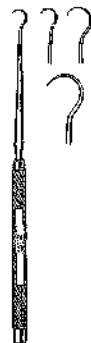
19-220
19-222



19-226



19-228



21-85 to 21-87



21-88
21-89



21-90 to 21-94

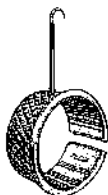
- 19-220 DAY Hook 6½" (16.5 cm), small size
- 19-222 DAY Hook 6½" (16.5 cm), large size
- 19-226 ALLPORT Hook 6½" (16.5 cm), with ball tip
- 19-228 GROSS Hook and Spoon 5" (12.7 cm)
- 21-85 KLEINERT-KUTZ Hook 5" (12.7 cm), small size 3 mm dia.
- 21-86 KLEINERT-KUTZ Hook 5" (12.7 cm), medium size 5 mm 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



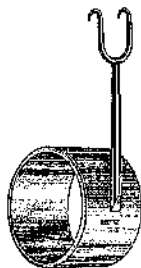
26-1084
26-1086



21-102
21-103



21-107



21-108



21-144

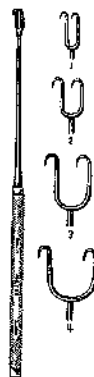


21-152



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

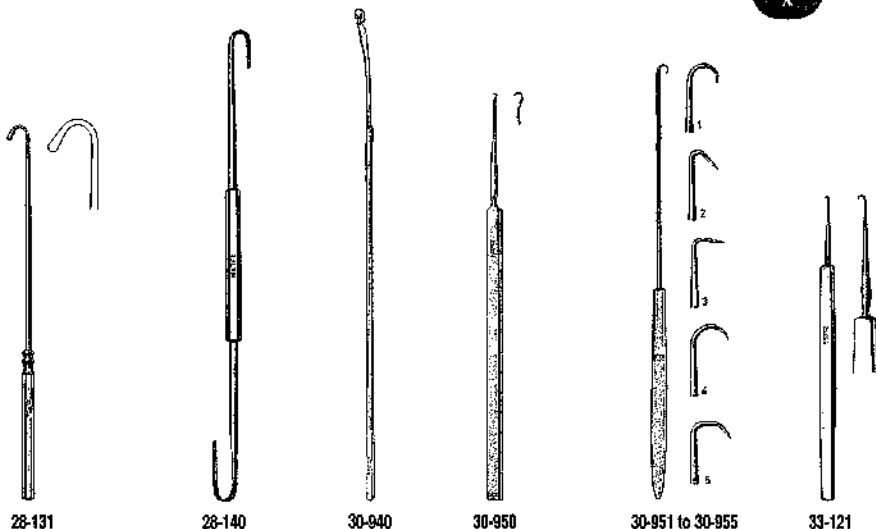


28-120 to 28-124



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

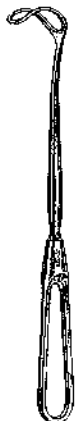
34-250 Dissecting Tenaculum Hook 6½" (16.5 cm), sharp point



34-250



11-20



11-22



11-74
11-76

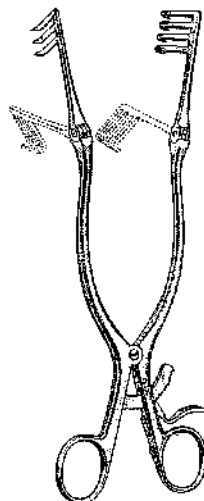


11-78



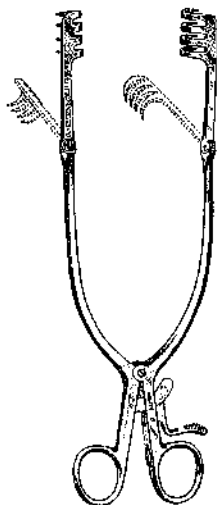
11-80
11-81

- 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

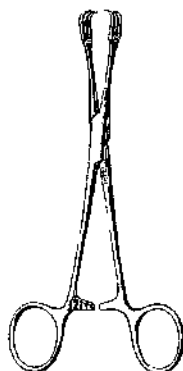


11-642-SH
11-642-BL

Thyroid-Goiter Instruments



11-684

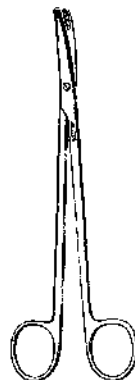


12-80



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

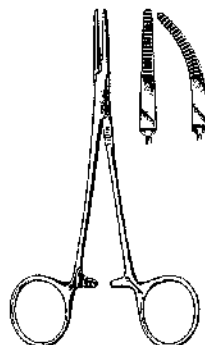
12-92 LAHEY Ligature Carrier 7½" (19.1 cm), curved right

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

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

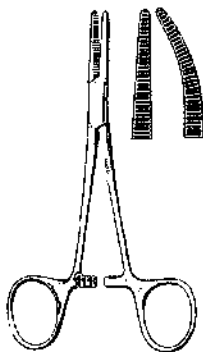
7-30 PROVIDENCE HOSPITAL Hemostatic Forceps 5½" (14cm), straight

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

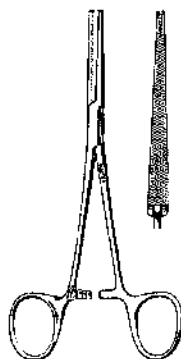


7-30

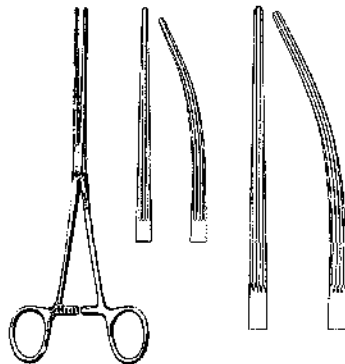
7-32



7-60
7-62

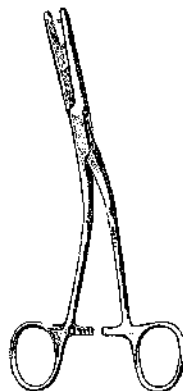


7-98



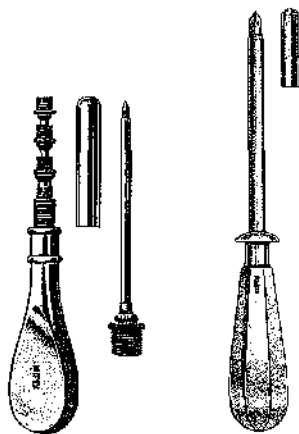
7-230 to 7-236

- 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



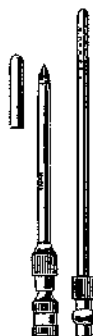
12-170

Trocars and Biopsy Needles

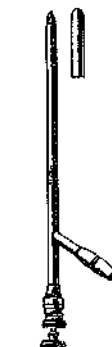


13-2

13-8 to 13-11



13-20



13-40 to 13-50



13-60 to 13-74



13-120
to 13-156

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, 5¼" (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

	inside diameter
13-120	1 mm - 19 gauge
13-122	1.2 mm - 18 gauge
13-124	1.4 mm - 17 gauge
13-126	1.6 mm - 16 gauge

For Liver Biopsy
Adult Size - 70 mm long

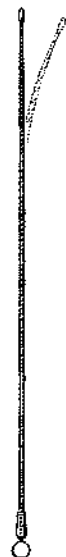
	inside diameter
13-128	1 mm - 19 gauge
13-130	1.2 mm - 18 gauge
13-132	1.4 mm - 17 gauge
13-134	1.8 mm - 16 gauge

For Kidney Biopsy
120 mm long

	inside diameter
13-150	1 mm - 19 gauge
13-152	1.2 mm - 18 gauge
13-154	1.4 mm - 17 gauge
13-156	1.8 mm - 16 gauge



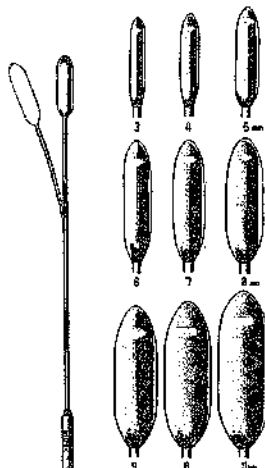
Gall Bladder Instruments



14-2



14-4



14-8
14-10



14-12

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

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 8 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.

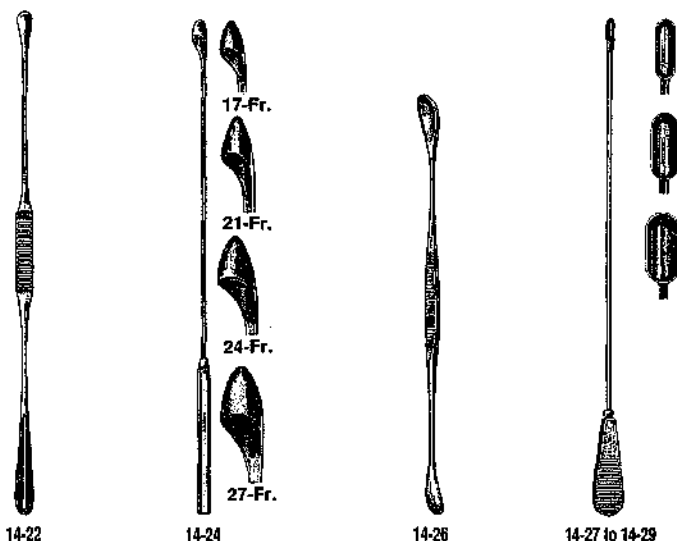
14-10-8 8 mm dia.

14-10-9 9 mm dia.

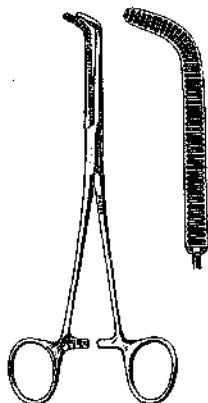
14-10-10 10 mm dia.

14-10-11 11 mm dia.

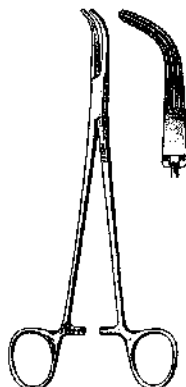
14-12 MIXTER Irrigating Dilaprobe 12" (30.5 cm), malleable, with Luer Lock, silver plated



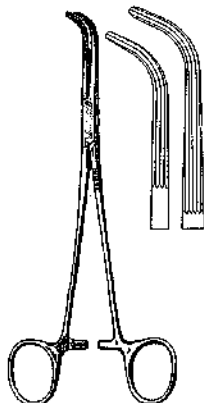
- 14-22** MAYO Gall Stone Scoop 11" (27.9 cm), double end
- 14-24-17** DESJARDIN Gall Stone Scoop 11" (27.9 cm), malleable shaft, 17 French (5.7 mm)
- 14-24-21** DESJARDIN Gall Stone Scoop 11" (27.9 cm), malleable shaft, 21 French (7 mm)
- 14-24-24** DESJARDIN Gall Stone Scoop 11" (27.9 cm), malleable 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 ⅞" (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 ⅜" (.95 cm) x 1" (2.5 cm) and ⅝" (.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



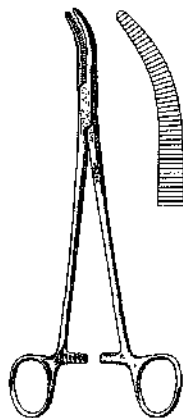
7-200
7-202



14-46

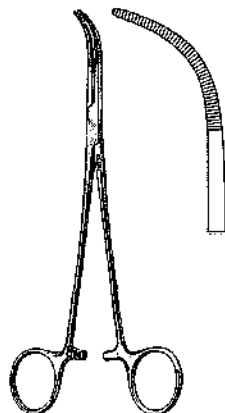


14-48
14-49

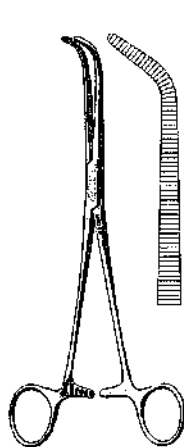


14-50

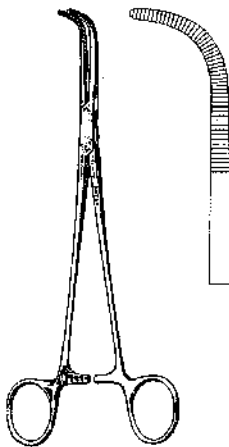
- 7-200 MIXTER Gall Duct Forceps 6 1/4" (15.9 cm)
- 7-202 MIXTER Gall Duct Forceps 7" (18.4 cm)
- 14-46 LOWER Gall Duct Forceps 7" (17.8 cm)
- 14-48 LAHEY Gall Duct Forceps 7 1/2" (19.1 cm)
- 14-49 LAHEY Gall Duct Forceps 9" (22.9 cm)
- 14-50 MOYNIHAN Gall Duct Forceps 8 1/2" (21.6 cm)
- 14-51 GREEN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



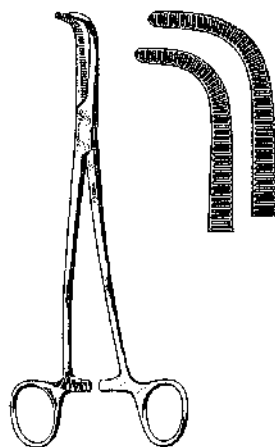
14-51



14-52



7-206

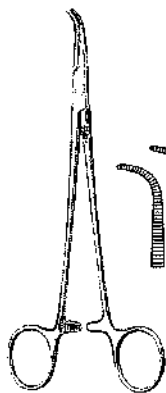


14-56

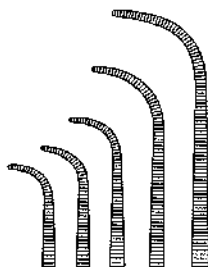
- | | |
|-------|---|
| 14-52 | JOHNS HOPKINS Gall Bladder Forceps 8" (20.3 cm) |
| 7-206 | MIXTER Gall Bladder Forceps 9" (22.9 cm) |
| 14-56 | GRAY Cystic Duct Forceps 9" (22.9 cm), serrated, set of two |



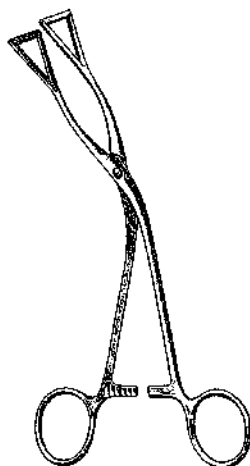
Gall Bladder Instruments



7-255 to 7-259

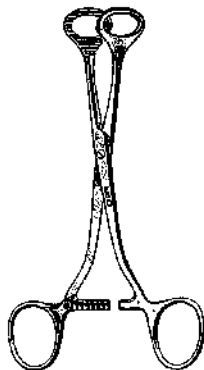


14-62

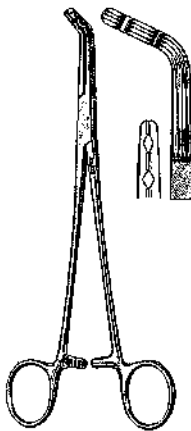


14-66

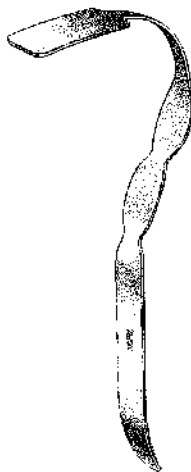
- | | |
|-------|--|
| 7-255 | GEMINI-MIXTER Forceps 5½" (14 cm), delicate |
| 7-256 | GEMINI-MIXTER Forceps 7" (17.8 cm), delicate |
| 7-257 | GEMINI-MIXTER Forceps 8" (20.3 cm), delicate |
| 7-258 | GEMINI-MIXTER Forceps 9" (22.9 cm), delicate |
| 7-259 | GEMINI-MIXTER Forceps 11" (27.9 cm), delicate |
| 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 |



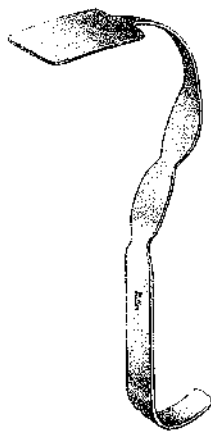
2-50



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



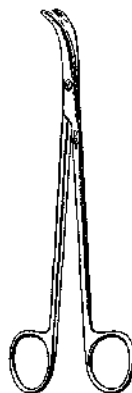
14-84
14-86



14-88

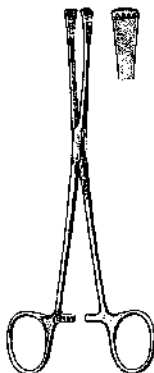


14-90

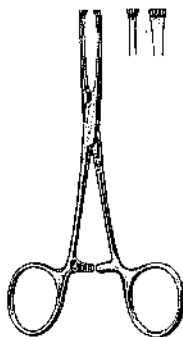


5-244
5-245

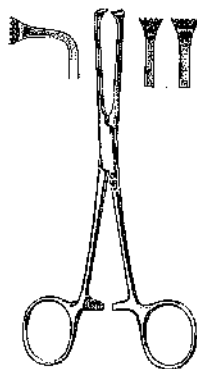
- | | |
|-------|--|
| 14-84 | BLAKE Gall Stone Forceps 8½" (21.6 cm), straight |
| 14-86 | BLAKE Gall Stone Forceps 8½" (21.6 cm), curved |
| 14-88 | DESJARDIN (ROCHESTER) Gall Stone Forceps 9" (22.9 cm) |
| 14-90 | MIXTER Gall Stone Forceps 9" (22.9 cm), length from tip to angle 3" (7.6 cm) |
| 5-244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



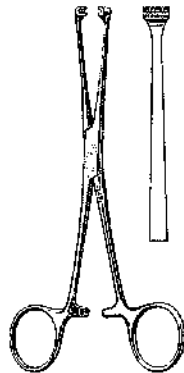
16-2



16-3
16-4



16-6 to 16-24



16-25
16-26

16-2 LOCKWOOD-ALLIS Tissue Forceps 6 $\frac{1}{4}$ " (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 5 $\frac{1}{2}$ " (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 7 $\frac{1}{4}$ " (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

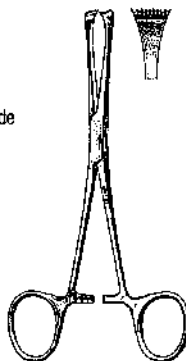
16-22 ALLIS Tissue Forceps 6" (15.2 cm), 5 x 6 teeth, angular jaws

16-24 ALLIS Tissue Forceps 7 $\frac{1}{4}$ " (18.4 cm), 5 x 6 teeth, angular jaws

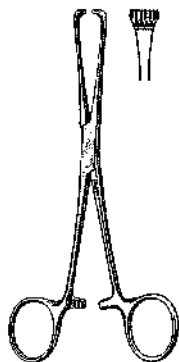
16-25 ALLIS-NC Tissue Forceps 6" (15.2 cm), with double row of non-traumatic teeth

16-26 ALLIS-NC Tissue Forceps 7 $\frac{1}{4}$ " (18.4 cm), with double row of non-traumatic teeth

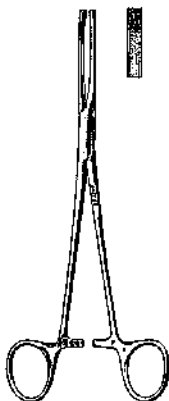
16-30 ALLIS-ADAIR Tissue Forceps 6 $\frac{1}{2}$ " (16.5 cm), 9 x 10 teeth



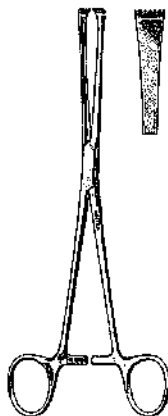
16-30



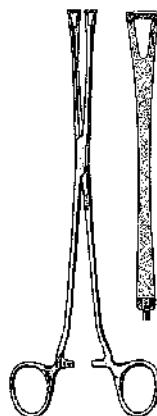
16-31



16-33
16-34

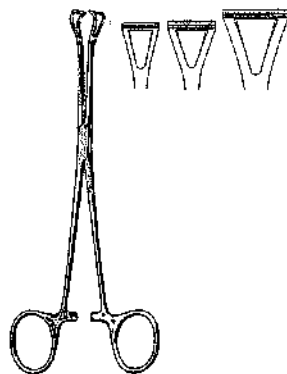


16-38

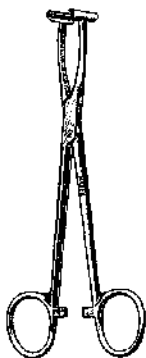


16-40

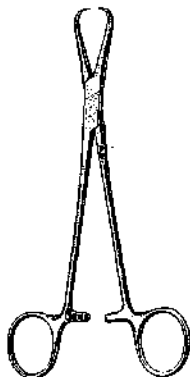
- 16-31** BOYS-ALLIS Tissue Forceps 6" (15.2 cm), 5 x 6 teeth, heavy pattern
- 16-33** JUDD-ALLIS Tissue Forceps 6" (15.2 cm), 3 x 4 teeth, delicate
- 16-34** JUDD-ALLIS Tissue Forceps 7½" (19.1 cm), 3 x 4 teeth, delicate
- 16-38** THOMS-ALLIS Tissue Forceps 8" (20.3 cm), 6 x 7 teeth
- 16-40** LOCKWOOD 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



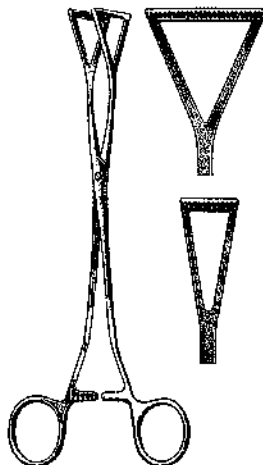
16-42 to 16-48



7-106

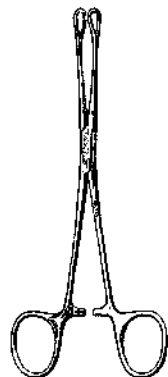


16-51



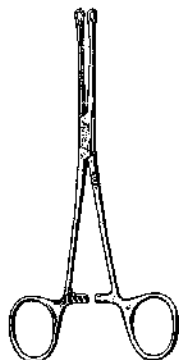
16-52

16-54



16-56

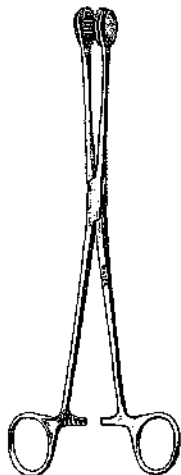
- 7-106 PRATT T-Clamp 6" (15.2 cm)
- 16-51 ADAIR Tissue Holding Tenaculum Forceps 6½" (16.5 cm)
- 16-52 COLLIN Intestinal Forceps 8" (20.3 cm), with ½" (1.3 cm) wide jaws
- 16-54 COLLIN Intestinal Forceps 8" (20.3 cm), with 1" (2.5 cm) wide jaws
- 16-56 WILLIAMS Intestinal Forceps 6½" (16.5 cm), cross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



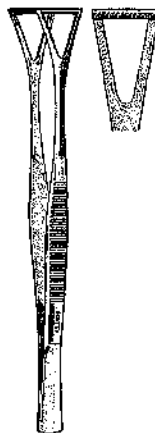
16-62



6-214



16-70

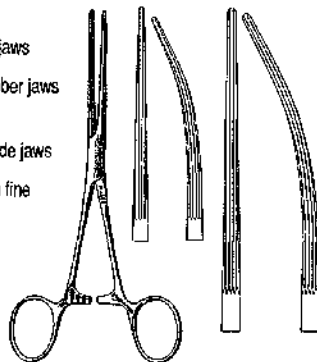


16-72

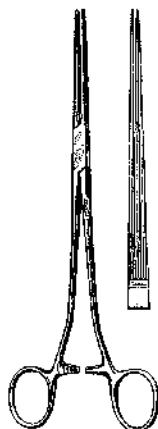


16-80

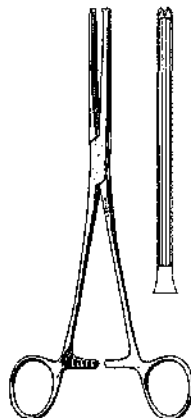
- 6-214** SINGLEY Tissue Forceps 9" (22.9 cm), with fenestrated serrated jaws
- 16-70** CHILD Intestinal Forceps 9½" (24.8 cm), with interchangeable rubber jaws
- 2-62** Replacement Rubber Jaws for No. 16-70 forceps
- 16-72** COLLIN-DUVAL Tissue Forceps 8" (20.3 cm), with ½" (1.3 cm) wide jaws
- 16-80** 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 7¼" (18.4 cm), straight, longitudinal serrations with cross tip serrations
- 7-236** BAINBRIDGE Intestinal Forceps 7¼" (18.4 cm), curved, longitudinal serrations with cross tip serrations



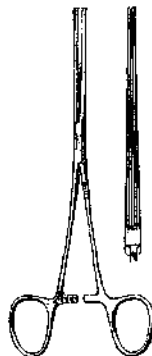
7-230 to 7-236



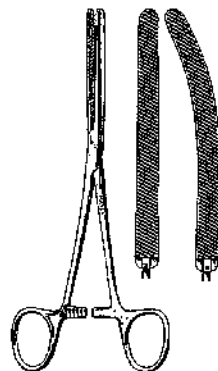
16-99



16-100



16-102



16-108

16-110

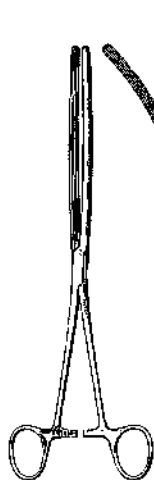
16-99 DENNIS Anasomosis Clamp 9" (22.9 cm), longitudinal serrations

16-100 ALLEN Intestinal Clamp 8" (20.3 cm), longitudinal serrations with 1 x 2 teeth

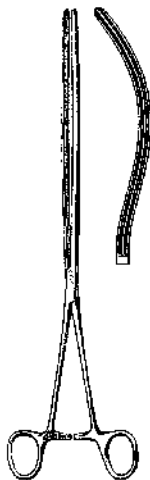
16-102 Baby ALLEN Intestinal Clamp 6½" (16.5 cm), delicate, longitudinal serrations with 1 x 2 teeth

16-108 Baby DOYEN Intestinal Forceps 6½" (16.5 cm), straight, flexible blades with diagonal serrations

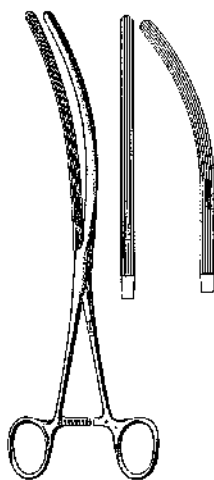
16-110 Baby DOYEN Intestinal Forceps 6½" (16.5 cm), curved, flexible blades with diagonal serrations



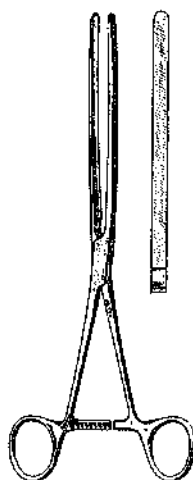
16-160
16-162



16-120
16-122

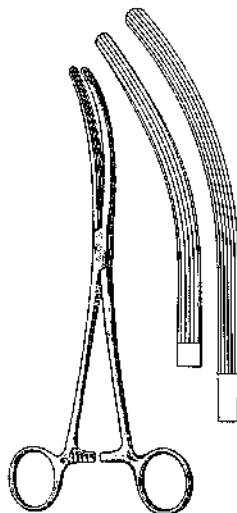


16-130
16-132

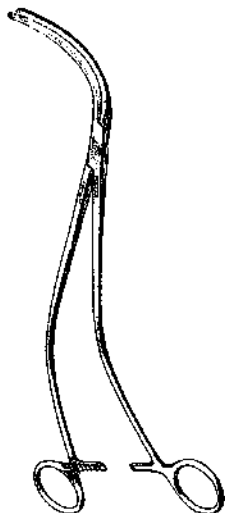


16-140

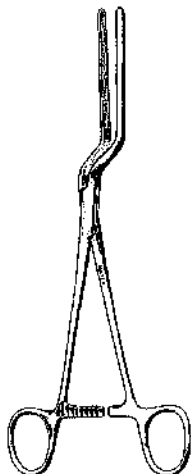
- 16-160** DOYEN Intestinal Forceps 9" (22.9 cm), straight, flexible blades with longitudinal serrations
- 16-162** DOYEN Intestinal Forceps 9" (22.9 cm), curved, flexible blades with longitudinal serrations
- 16-120** KOCHER Intestinal Forceps 10 1/2" (26.7 cm), straight, longitudinal serrations
- 16-122** KOCHER Intestinal Forceps 10 1/2" (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 9 1/2" (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 10 1/4" (26 cm), curved, with longitudinal serrations



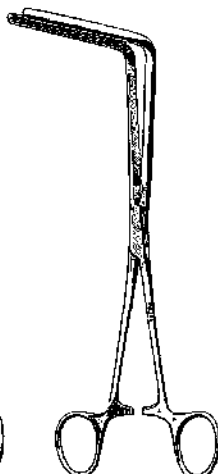
30-1805
30-1815



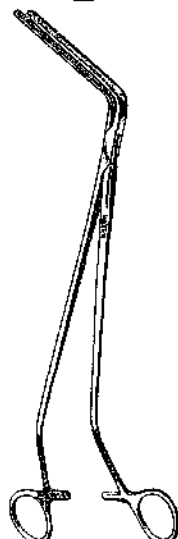
16-170



16-172

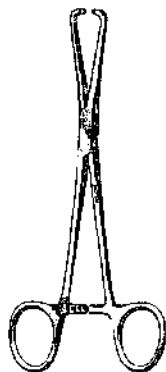


16-174



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 3¼" (8.3 cm) long jaws
- 16-176** FOSS Intestinal Clamp 11¾" (29.8 cm), right angle with heavy jaws



16-198



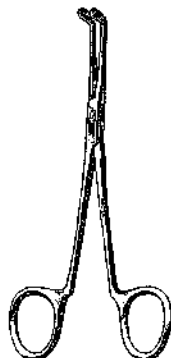
16-192



16-194



16-196



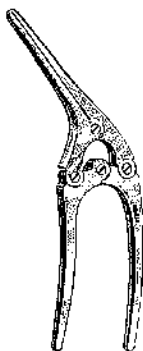
16-208

16-190-3

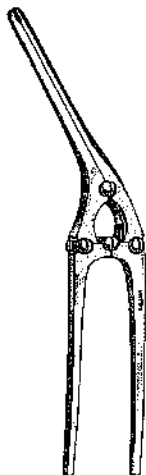
16-190-4

STONE INTESTINAL CLAMPS

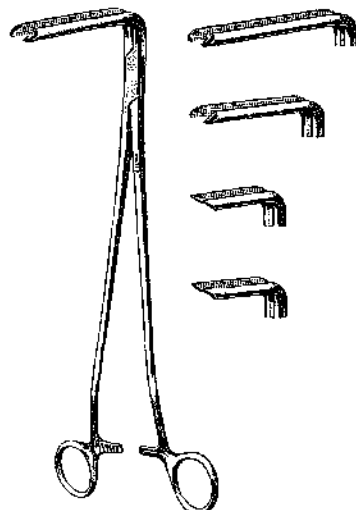
- 16-190-3 STONE Clamp Set, including 2 applying forceps and 2 clamps 3" (7.6 cm) with locking devices
- 16-190-4 STONE Clamp Set, including 2 applying forceps and 2 clamps 4" (10.2 cm) with locking devices
- 16-192 STONE Intestinal Clamp 3" (7.6 cm) with locking device
- 16-194 STONE Intestinal Clamp 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 13 3/4" (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 10 1/2" (26.7 cm), with 3.5 cm jaws |
| 16-254 | BEST Colon Clamp 10 1/2" (26.7 cm), with 6 cm jaws |
| 16-256 | BEST Colon Clamp 10 1/2" (26.7 cm), with 7.5 cm jaws |



17-100
17-115
17-215



17-100



17-115
17-215



17-500

PENCIL-TYPE MICRO INSTRUMENTS

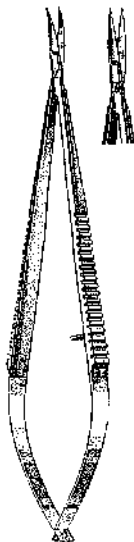
7¼" (18.4 cm) overall length; extremely delicate working ends

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 5¼" (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

MILUX MICRO SURGERY SCISSORS, sharp points

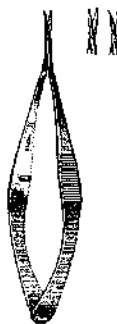
- | | |
|---------|--|
| 17-2060 | 6" (15.2 cm) straight, 8 mm blades, flat handles |
| 17-2040 | 6" (15.2 cm) curved, 8 mm blades, flat handles |
| 17-2150 | 6" (15.2 cm) straight, 6 mm blades, round handles |
| 17-2100 | 6" (15.2 cm) curved, 6 mm blades, round handles |
| 17-2160 | 7 1/8" (18.1 cm) 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 |



18-1618
18-1619



18-1625
18-1626

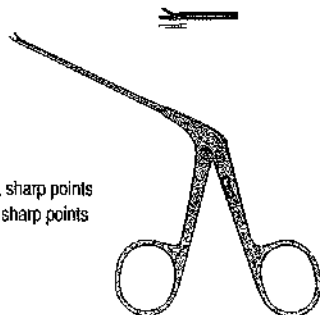


18-1630
18-1631



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



17-305X



17-306



17-307



17-307X

SWISS JEWELER STYLE FORCEPS Non-Magnetic Stainless Steel

- 17-305X Style 5, micro-line, 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-line, 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



17-2510



18-635



18-636



18-837
18-830



18-948
18-949

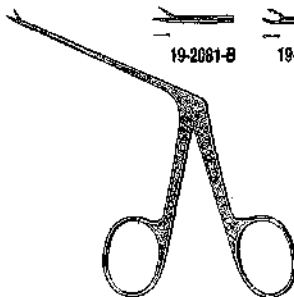
- | | |
|----------------|---|
| 17-2500 | Micro ADSON Tissue Forceps 4 3/4" (12.1 cm), jaws 0.5 mm wide, 1 x 2 teeth |
| 17-2510 | Micro ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated jaws 0.5 mm wide |
| 18-635 | BONN Micro Suturing Forceps 2 9/4" (7 cm), 1 x 2 teeth 0.12 mm, with tying platform |
| 18-636 | BONN Micro Suturing Forceps 3 3/4" (9.5 cm), 1 x 2 teeth 0.12 mm, with tying platform |
| 18-837 | McPHERSON Micro Suturing Forceps 3 1/2" (8.9 cm), straight, 1 x 2 teeth 0.2 mm, with tying platform |
| 18-838 | McPHERSON Micro Suturing Forceps 3 1/2" (8.9 cm), angled, 1 x 2 teeth 0.2 mm, with tying platform |
| 18-948 | McPHERSON Micro Iris Suturing Forceps 3 1/2" (8.9 cm), straight, smooth platform 0.3 x 5 mm, no teeth |
| 18-949 | McPHERSON Micro Iris Suturing Forceps 3 1/2" (8.9 cm), angled, smooth platform 0.3 x 5 mm, no teeth |



18-867



18-953



19-2081-B to 19-2150-B



19-2081-B



19-2090-B



19-2100-B

19-2138

19-2110-B



19-2110

19-2110-B



19-2150-B

18-867 BISHOP-HARMON Micro Tissue Forceps $3\frac{3}{4}$ " (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



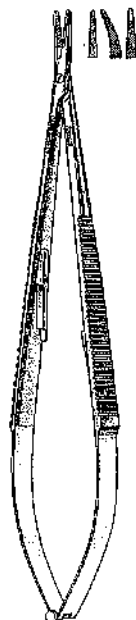
17-980
17-1010



17-1020



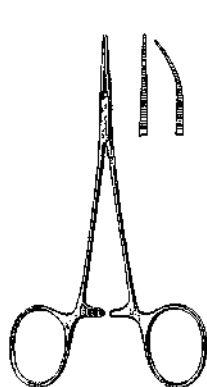
17-1024
17-1025



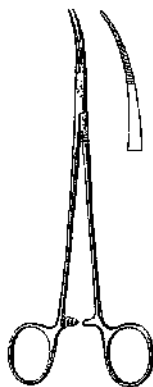
17-1090TC
to 17-1092TC

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

- | | |
|-----------|--|
| 17-1000 | 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 |
| 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 8½" (21.6 cm), straight, with lock, with CARB-N-SERT jaws |



17-2600
17-2602



17-2603



17-4000



17-4005



17-4010



17-4015



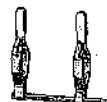
17-4050



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 8 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



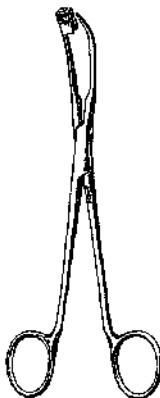
17-4102



7-310



7-315



26-1040



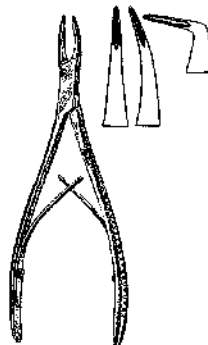
26-1041



26-1042



26-1043



17-4800

17-4801

17D-4802

7-310 DIETHRICH Micro Bulldog Clamp 1 1/4" (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

26-1040 SCHWARTZ Clip Applying Forceps 6" (20.3 cm)

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

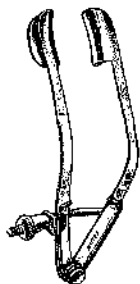
26-1042 SCHWARTZ Vessel Clip 1" (2.5 cm), slightly angled, jaws 1.7 x 8 mm

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

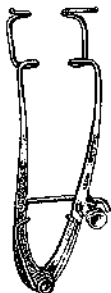
17-4800 Micro FRIEDMAN Rongeur 5 1/2" (14 cm), straight 1.3 mm wide jaws, very delicate

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



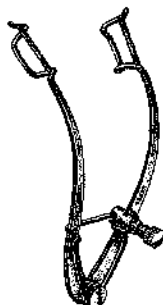
18-4



18-10 to 18-14



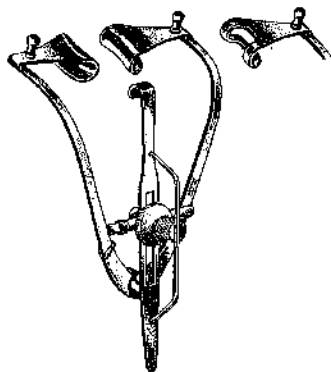
18-20



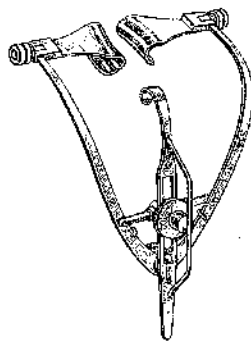
18-22
18-24

- 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 $3\frac{3}{4}"$ (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

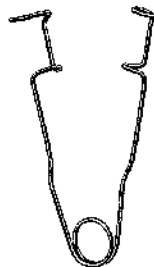
NOTE: All above instruments are Non-Magnetic



18-30
18-32



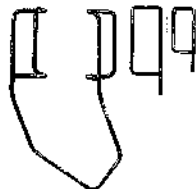
18-33



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



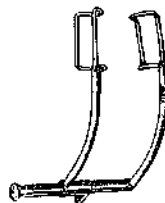
18-35
18-36



18-46



18-47



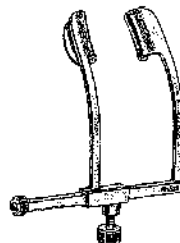
18-50



18-54



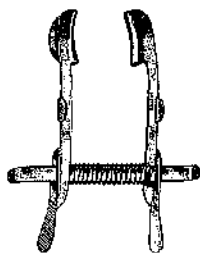
18-62



18-63
18-64

- 18-35 BARRAQUER Eye Speculum 1 3/4" (4.4 cm), large blades 15 mm wide
- 18-36 BARRAQUER Eye Speculum 1 3/4" (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 1 1/4" (3.2 cm), infant size, 10 mm blades
- 18-50 MURDOCK Eye Speculum 2 1/4" (5.7 cm), blades 15 mm wide, chrome
- 18-54 WIENER Eye Speculum 2 1/4" (5.7 cm), blades 15 mm, with extensions to cover eye lashes, chrome
- 18-62 MCKINNEY Eye Speculum 2 1/4" (5.4 cm), blades 15 mm wide, chrome
- 18-63 COOK Eye Speculum 1 1/8" (4.7 cm), infant size, 9 mm blades
- 18-64 COOK Eye Speculum 1 1/8" (4.7 cm), child size, 11 mm blades

NOTE: All above instruments are Non-Magnetic



18-66



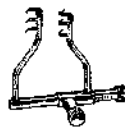
18-68



18-80

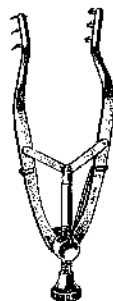


18-84



18-88

- 18-66** MELLINGER Eye Speculum 2¼" (7 cm), solid blades 15 mm wide
- 18-68** MELLINGER Eye Speculum 2¼" (7 cm), fenestrated blades 15 mm wide
- 18-80** AGRICOLA Lacrimal Sac Retractor 1½" (3.8 cm), 3 x 3 pointed prongs 4 mm deep
- 18-84** MELLER Lacrimal Sac Retractor 2½" (7.3 cm), 3 x 3 prongs 3 mm deep
- 18-88** GOLDSTEIN Lacrimal Sac Retractor 1½" (2.8 cm), 3 x 3 pointed prongs 5 mm deep
- 18-96** STEVENSON Lacrimal Sac Retractor 3¼" (8.3 cm), 3 x 3 prongs 3 mm deep



18-96

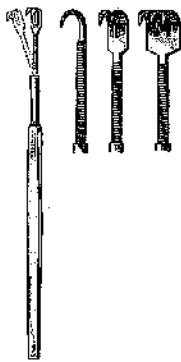
NOTE: All above instruments are Non-Magnetic



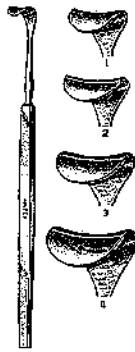
18-100
18-102



11D-27



11-30 to 11-34

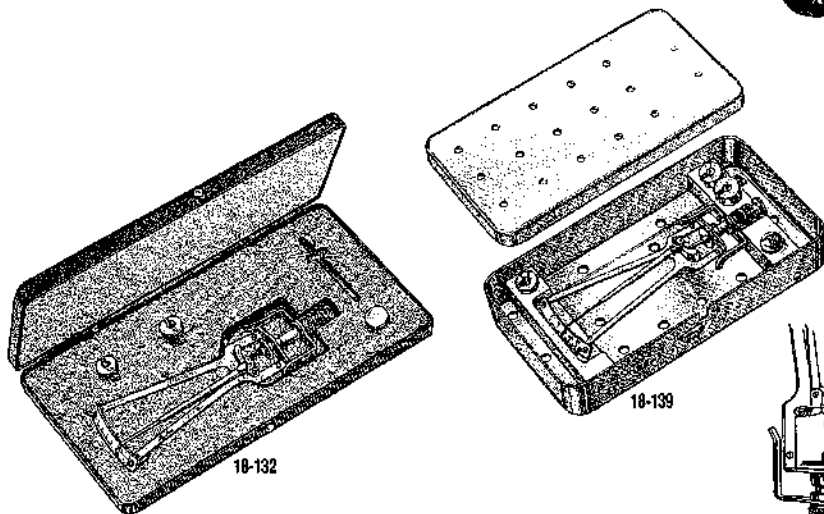


18-110 to 18-116



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



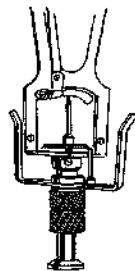
SCHIOTZ TONOMETERS

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

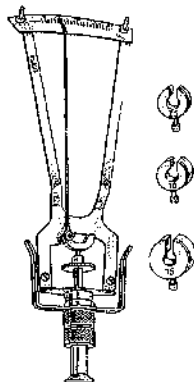
Each unit supplied with certification to meet specification established by the Committee on Standardization of Tonometers of the A.A.O.O. Individually packaged in fitted case with weights and test block.

- 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

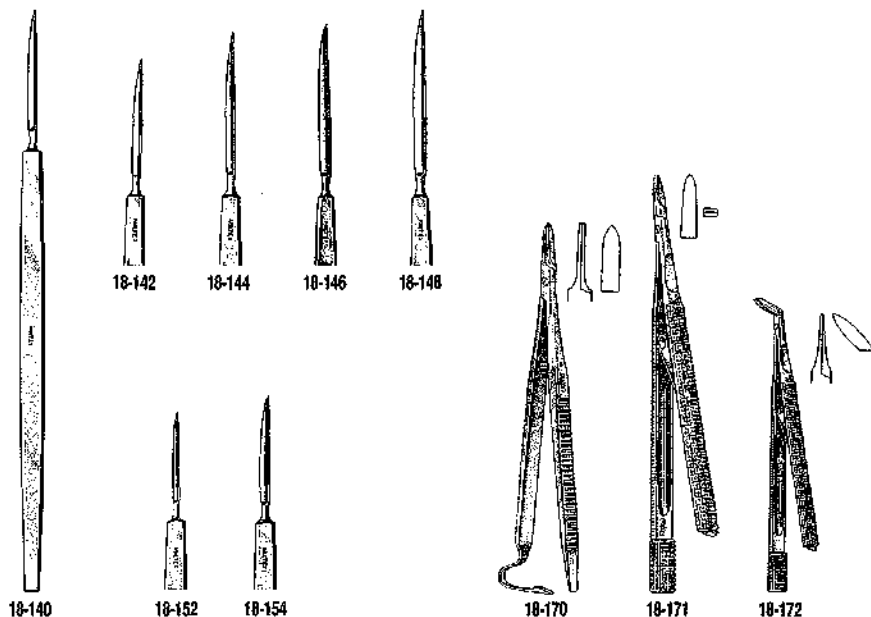
*With the Allen Plunger Retractor, the plunger is held in retracted position, flush with the surface of the footplate until tonometer is in place on cornea. This feature will prevent any possible damage to cornea tissue.



**18-132A
18-134A**



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



18-282



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

18-282 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



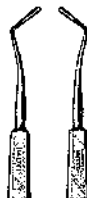
18-376



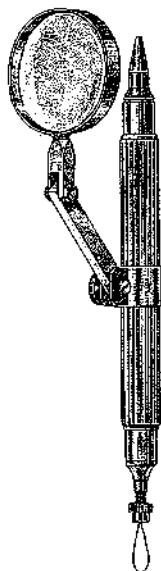
18-380



18-384



18-388
18-390

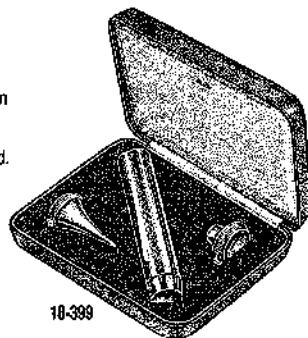


18-398M

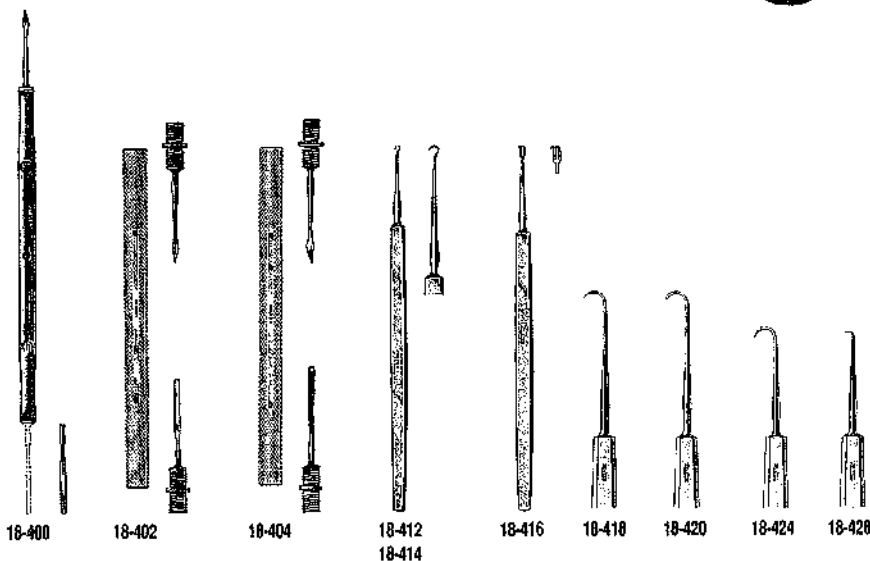


18-398

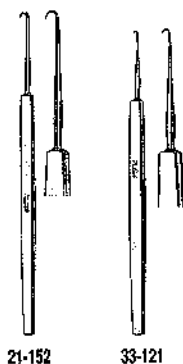
- 18-372** DAVIS Foreign Body Spud 4 3/4" (12.1 cm), 0.8 mm blade
- 18-374** DIX Foreign Body Spud 4 3/4" (12.1 cm), 1.7 x 15 mm blade
- 18-376** WALTON Foreign Body Gouge 4 1/2" (11.4 cm), round end
- 18-380** ELLIS Foreign Body Spud 4 1/2" (11.4 cm), 1.2 mm blade, curved
- 18-384** ALVIS Foreign Body Spud 4 3/4" (12.1 cm), oval curette 1 x 3 mm with fine point
- 18-388** HOSFORD Foreign Body Spud 4 3/4" (12.1 cm), gouge blade 1 x 7 mm rounded tip, angled to right
- 18-390** HOSFORD Foreign Body Spud 4 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.

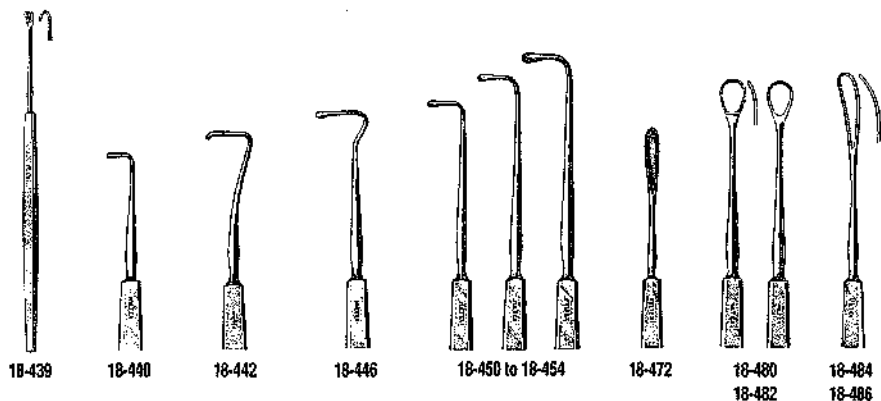


18-399

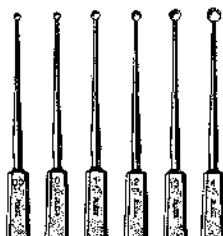


- 18-400 DIX Foreign Body Needle and Spud, protected in sliding handle
- 18-402 DIX Foreign Body Needle and Spud, protected in reversible screw handle
- 18-402A DIX Foreign Body Needle with screw socket
- 18-402B DIX Foreign Body Spud with screw socket
- 18-404 DIX Foreign Body Needle and Gouge, protected 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 4 3/4" (12.1 cm), sharp
- 18-428 NUGENT Hook 4 3/4" (12.1 cm), right angle, sharp
- 21-152 MILTEX Hook 4 3/4" (12.1 cm), sharp prong 2 mm diameter
- 33-121 SELTZER Hook 4 1/2" (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 5 1/2"** (14 cm), small size 8 mm long
- 18-452** **VON GRAEFE Strabismus Hook 5 1/2"** (14 cm), medium size 10 mm long
- 18-454** **VON GRAEFE Strabismus Hook 5 1/2"** (14 cm), large size 11 mm long
- 18-472** **DAVIEL Lens Spoon 5"** (12.7 cm), 3 mm wide
- 18-480** **LEWIS Lens Loop 5 1/4"** (13.3 cm), serrated loop 5.5 x 8 mm
- 18-482** **LEWIS Lens Loop 5 1/4"** (13.3 cm), smooth loop 5.5 x 8 mm
- 18-484** **WILDER Lens Loop 5 1/4"** (13.3 cm), serrated loop 4 x 15 mm
- 18-486** **WILDER Lens Loop 5 1/4"** (13.3 cm), smooth loop 4 x 15 mm



18-498 to 18-506



18-510



18-512



18-514



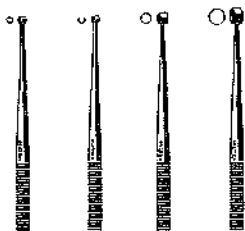
18-520



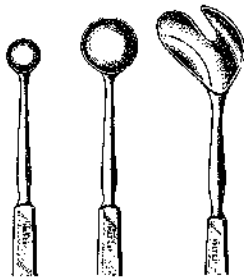
18-522



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, serrated edge

18-522

SKEELE Chalazion Curette 5" (12.7 cm), round cup 2 mm, serrated edge

18-524

SKEELE Chalazion Curette 5" (12.7 cm), round cup 2.5 mm, serrated edge

18-530

HEATH Chalazion Curette 4" (10.2 cm), size 0, one sharp and one blunt edge, 1/8 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

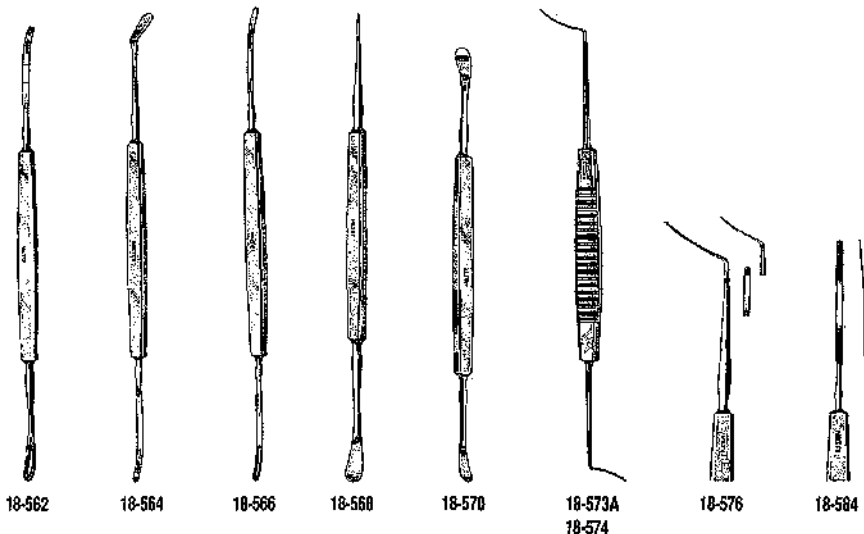
BUNGE Evisceration Spoon 5 1/2" (14 cm), small size 8 mm cup

18-542

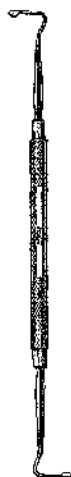
BUNGE Evisceration Spoon 5 1/2" (14 cm), large size 11 mm cup

18-550

WELLS Enucleation Spoon 6" (15.2 cm), cup 21 mm



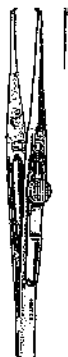
- 18-562** LINDNER Cyclodialysis Spoon and Spatula 5½" (14 cm), malleable spatula end is graduated
- 18-564** CASTROVIEJO Spatula 5½" (14 cm), double end 3.5 mm wide angled and 2 mm wide slightly curved, sterling
- 18-566** SMITH-FISHER Iris Spatula 5" (12.7 cm), one flat end 2 mm wide, one spoon end 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 5¼" (13.3 cm), blades 10 mm and 15 mm x 0.75 mm wide
- 18-574** CASTROVIEJO Cyclodialysis Spatula 5¼" (13.3 cm), blades 10 mm and 15 mm x 0.5 mm wide
- 18-576** CASTROVIEJO Cyclodialysis Spatula 5¼" (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

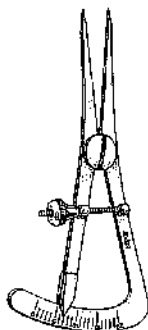


18-628



18-632

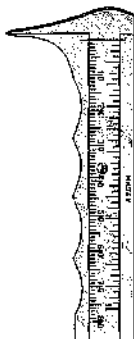
- 18-613** KIRBY Muscle Hook and Expressor 6" (15.2 cm), double end
- 18-620** KIRBY Iris Forceps 4" (10.2 cm), straight, 1 x 2 teeth
- 18-624** KIRBY Iris Forceps 4" (10.2 cm), curved, 1 x 2 teeth
- 18-628** KIRBY Fixation Forceps 4" (10.2 cm), straight 1 x 2 teeth, with slide lock
- 18-632** KIRBY 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



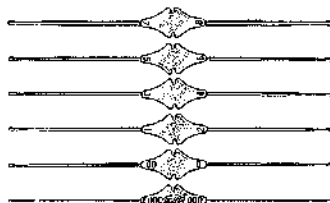
18-698



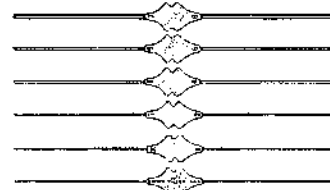
18-700



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), line 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

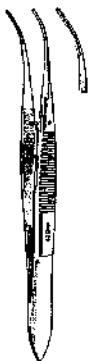
18-710	size 00	18-716	size 2
18-712	size 0	18-718	size 3
18-714	size 1	18-720	size 4

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



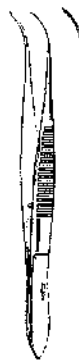
18-782



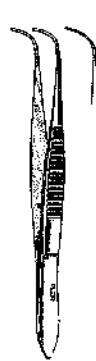
18-784



18-779



18-781



18-783

EYE DRESSING FORCEPS 4" (10.2 cm), serrated tips

Standard Pattern
0.8 mm wide tips

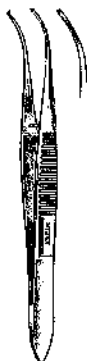
18-780 straight
18-782 half curved
18-784 full curved

Extra Delicate Pattern
0.5 mm wide tips

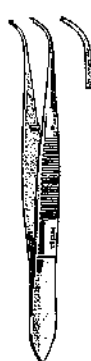
18-779 straight
18-781 half curved
18-783 full curved



18-786
18-787



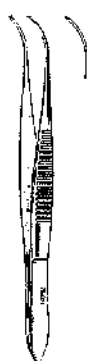
18-788



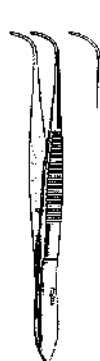
18-790



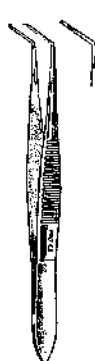
18-785



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 39/4" (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 3¾" (9.5 cm), octagonal grip, straight, serrated tips 0.5 mm wide

18-795A FOERSTER Eye Dressing Forceps 3¾" (9.5 cm), octagonal grip, full curved, serrated tips 0.5 mm wide

18-796 FOERSTER Iris Tissue Forceps 3¾" (9.5 cm), octagonal grip, straight, 1 x 2 teeth, 0.5 mm wide

18-798 FOERSTER Iris Tissue Forceps 3¾" (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 2¾" (7 cm), straight, serrated

18-816 GRAEFE Iris Forceps 2¾" (7 cm), straight, 1 x 2 teeth

18-818 GRAEFE Eye Dressing Forceps 2¾" (7 cm), curved, serrated

18-820 GRAEFE Iris Forceps 2¾" (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 2¾" (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



18-835



18-836



18-837
18-838



18-866 to 18-868

18-829 BOTVIN Iris Forceps 2¾" (7.3 cm), fine cross serrated tips, 0.5 mm wide

18-830 GILL HESS Iris Forceps 2¾" (7 cm), with 1 x 2 teeth forward 0.5 mm

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 Corneal Suturing Forceps 3½" (8.9 cm),
straight, 1 x 2 teeth 0.2 mm, with tying platform

18-838 McPHERSON Micro Corneal Suturing 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 Forceps 4" (10.2 cm), 1 mm wide tips with 1 x 2 teeth

18-850 GRAEFE Fixation Forceps 4¾" (11.2 cm), standard jaws
4.5 mm wide, with fine teeth

18-852 GRAEFE Fixation Forceps 4¾" (11.2 cm), standard jaws
4.5 mm wide, with fine teeth, Non-Magnetic

18-854 GRAEFE Fixation Forceps 4¾" (11.2 cm), standard jaws
4.5 mm wide, with fine teeth, with catch



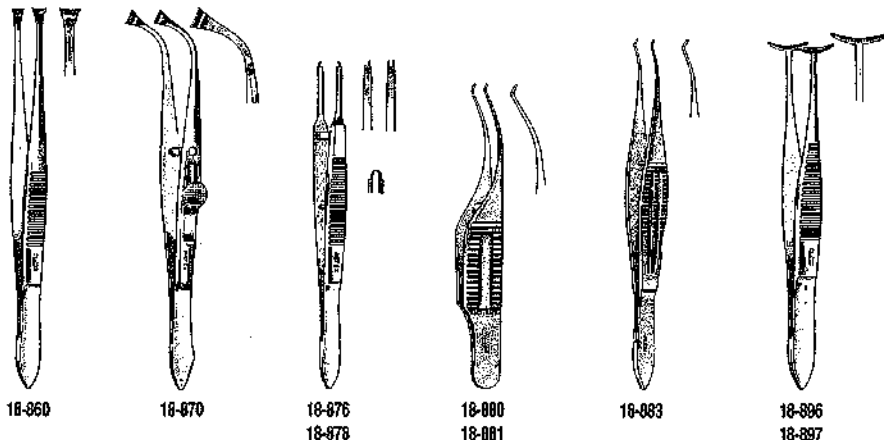
18-840



18-850
18-852



18-854



- 18-860** WALDEAU Fixation Forceps 4½" (11.2 cm), concave jaws 5 mm wide, with fine teeth
- 18-870** GUYTON-NOYES Fixation Forceps 4½" (10.8 cm), with slide catch, curved jaws, 4.5 mm wide, with fine teeth
- 18-876** CASTROVIEJO (ALVIN) Fixation Forceps 3¾" (9.5 cm), straight, 1 x 1 curved teeth extending beyond each other
- 18-878** CASTROVIEJO Fixation Forceps 3¾" (9.5 cm), straight, 2 x 2 curved teeth extending beyond each other
- 18-880** PIERSE Colibri Type Corneal Forceps 3¼" (8.3 cm), tips 0.12 mm
- 18-881** PIERSE Colibri Type Corneal Forceps 3¼" (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

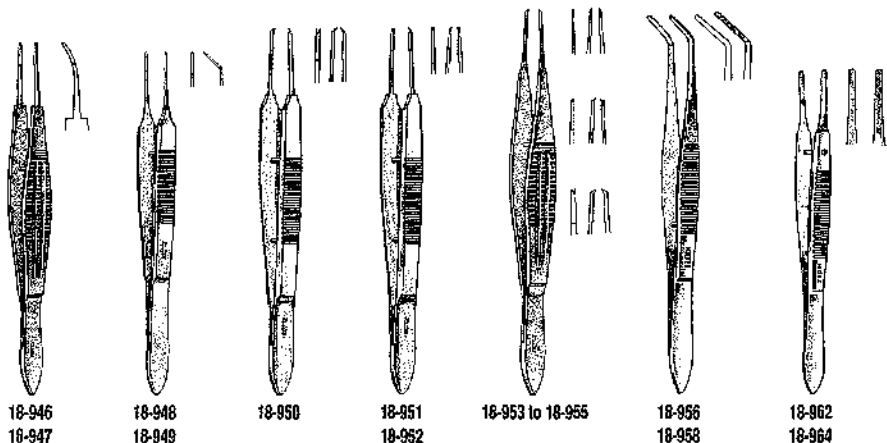


18-914



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** ELSCHMIG Fixation Forceps 4 1/4" (10.8 cm), strong 1 x 2 teeth, 0.9 mm wide, angled upwards
- 18-908** ELSCHMIG-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



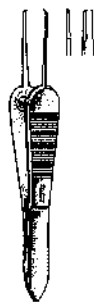
18-970



18-971



18-974

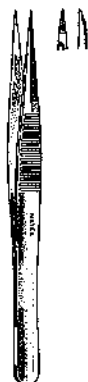


18-975

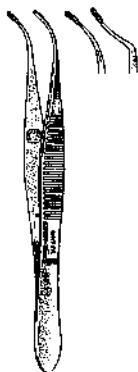


18-978

- 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



18-880



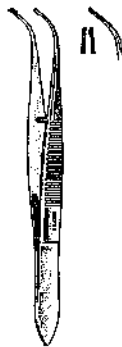
18-1000
18-1002



18-1034

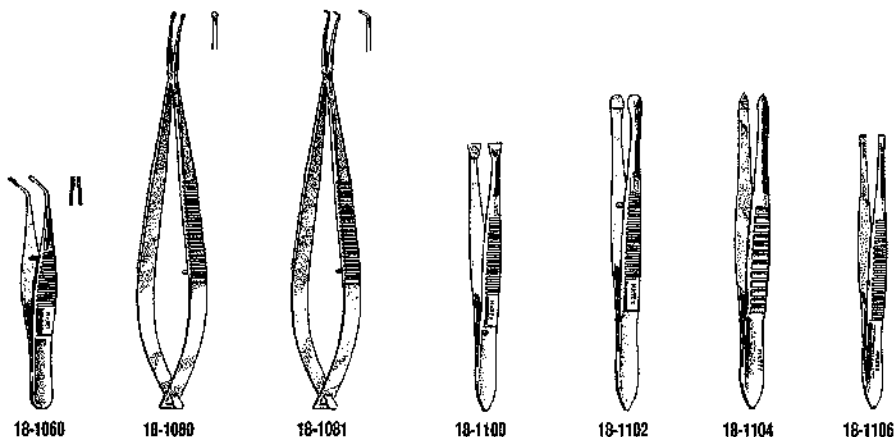


18-1050



18-1058

- 18-880** 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 2¾" (7 cm), 5 x 5 teeth
- 18-1080** SHEPARD Intraocular Lens Forceps 4½" (11.4 cm), 17 mm jaws, serrated tips
- 18-1081** CLAYMAN Intraocular Lens Forceps 4½" (11.4 cm), 15 mm jaws, smooth tips
- 18-1100** LITTAUER Cilia Forceps 3½" (8.9 cm), 4 mm wide jaws with fine horizontal serrations
- 18-1102** BEER Cilia Forceps 3½" (8.9 cm), 4 mm wide smooth jaws
- 18-1104** ZIEGLER Cilia Forceps 3½" (8.9 cm), 2 mm wide smooth jaws
- 18-1106** DOUGLAS Cilia Forceps 3½" (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

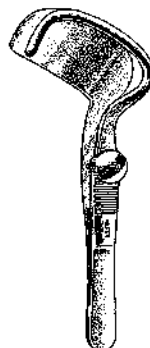
- 18-1107** SWISS Cilia and Suture Forceps 3¾" (9.5 cm), 3 mm wide precision fitted diagonal jaws
- 18-1108** BERGH Cilia Forceps 4¼" (10.8 cm), 10 mm wide jaws with horizontal serrations
- 18-1110** BERGH Cilia Forceps 3½" (8.9 cm), 5 mm wide jaws with horizontal serrations
- 18-1111** BARRAQUER Cilia and Suture Forceps 4½" (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 4½" (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

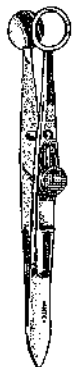


18-1178

- 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 Entropion Forceps 3½" (8.9 cm), left, 35 mm wide plate
- 18-1162** SNELLEN Entropion 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



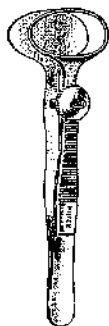
18-1182



18-1188



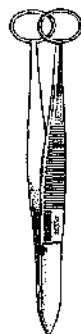
18-1190



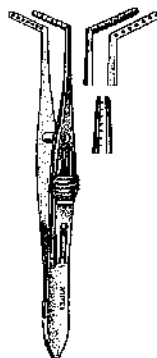
18-1200 to 18-1204



18-1208

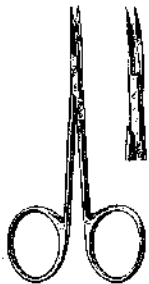


18-1220



18-1260
18-1262

- 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



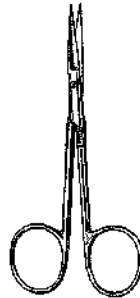
18-1392
18-1394



18-1396



18-1398



5-300
5-304



5D-303

18-1392 BONN Miniature Iris Scissors 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

18-1396 Iris Scissors 3 1/2" (8.9 cm), with 20 mm blades, straight, delicate

18-1398 Iris Scissors 3 1/2" (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 4 1/2" (11.4 cm), curved sideways

5-304 Iris Scissors 4 1/2" (11.4 cm), straight, standard pattern

5-306 Iris Scissors 4 1/2" (11.4 cm), curved, standard pattern

5-308 Iris Scissors 4 1/2" (11.4 cm), angular



5-302
5-306



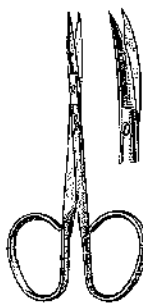
5-308



18-1404

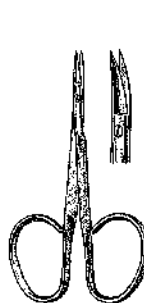


18-1405



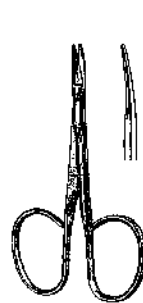
18-1415*

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

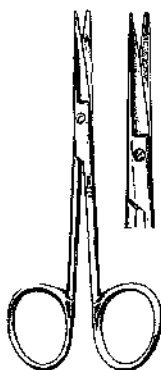
18-1416* Iris Scissors 4" (10.2 cm), curved, standard pattern, ribbon type

18-1417* Iris Scissors 3 3/4" (9.5 cm), straight, miniature pattern with 14 mm blades, ribbon type

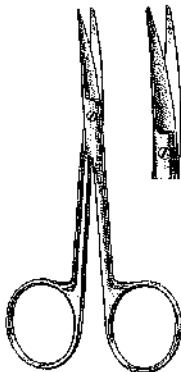
18-1418* Iris Scissors 3 3/4" (9.5 cm), curved, miniature pattern with 14 mm blades, ribbon type

18-1419* Utility Scissors 3 3/4" (9.5 cm), curved blunt blades, 15 mm long, ribbon type

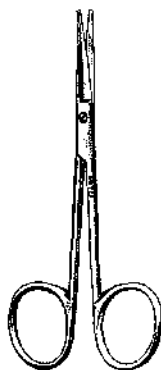
*Ribbon Type Scissors have extra large finger rings;
shanks and rings have satin finish;
blades are highly polished.



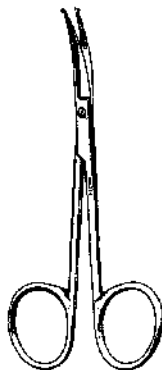
18-1420
18-1422



18-1426
18-1428



18-1430



18-1432

- 18-1420 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 4 1/4" (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 4 1/4" (10.8 cm), straight, ribbon type
- 18-1454*** Strabismus Scissors 4 1/4" (10.8 cm), curved, ribbon type

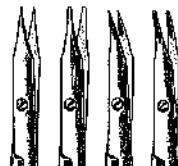
STEVENS TENOTOMY SCISSORS

4 1/4" (10.5 cm)
With Short Blades

4 1/4" (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

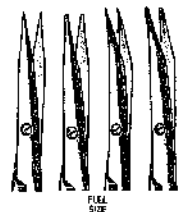
- 18-1470**
18-1472
18-1474
18-1476



18-1460 to 18-1466

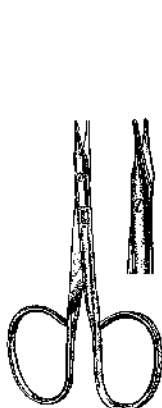


18-1470 to 18-1476

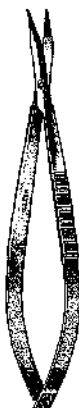


18-1470 to 18-1476

*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



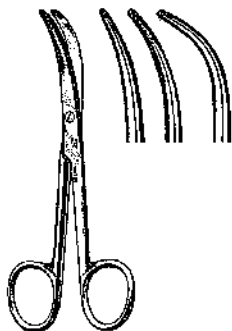
18-1486

- 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

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



18-1487
18-1488



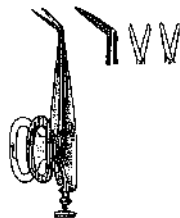
18-1494 to 18-1498



18-1510 to 18-1514



18-1516

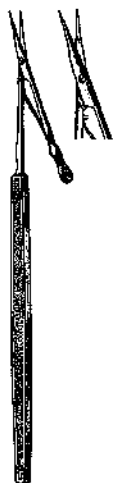


18-1520
18-1521

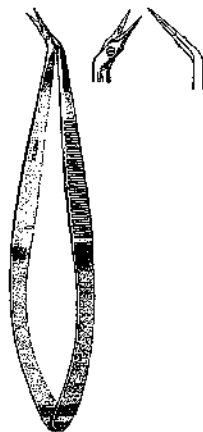
- 18-1494** Enucleation Scissors 5" (12.7 cm), light curve
- 18-1496** Enucleation Scissors 5" (12.7 cm), medium curve
- 18-1498** Enucleation Scissors 5" (12.7 cm), full curve
- 18-1510** NOYES Iris Scissors 4½" (11.4 cm), straight, sharp-sharp points
- 18-1512** NOYES Iris Scissors 4½" (11.4 cm), straight, 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



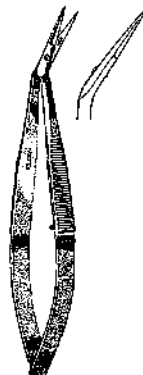
18-1524



18-1540



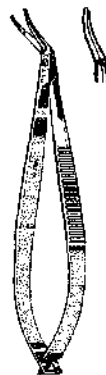
18-1550
18-1552



18-1554



18-1556
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

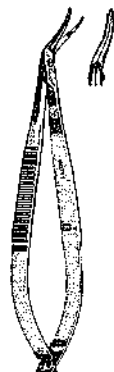
18-1554 McCURE Iris Scissors 3¾" (9.5 cm), angled on flat, regular 10 mm blades with sharp points

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



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

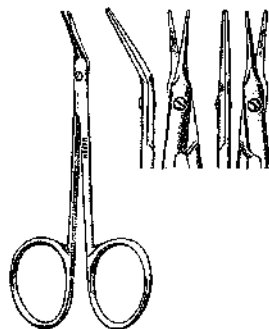
18-1594 McGUIRE Corneal Scissors 4 1/8" (10.5 cm), right

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



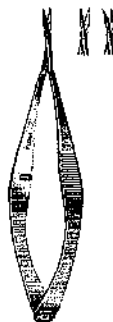
18-1620
18-1622



18-1623
18-1624



18-1625
18-1626

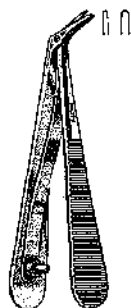


18-1630
18-1631

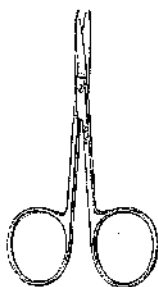
- 18-1618** Micro Iris Scissors 4" (10.2 cm), straight, sharp points
- 18-1619** Micro Iris Scissors 4" (10.2 cm), curved, sharp points
- 18-1620** VANNAS Capsulotomy Scissors 3/4" (8.3 cm), straight, very delicate sharp points
- 18-1622** VANNAS Capsulotomy Scissors 3/4" (8.3 cm), curved, very delicate 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 3/8" (8.9 cm), 1 mm bite
- 18-1718** HOLTH Corneoscleral Punch 3/8" (8.9 cm), 1.5 mm bite



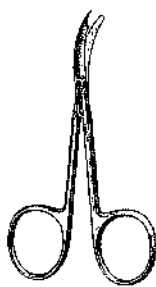
18-1633
18-1634



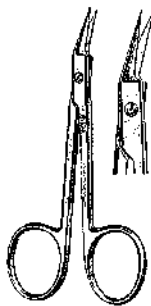
18-1716
18-1718



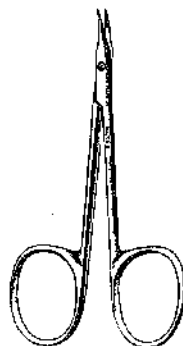
9-100



9-101

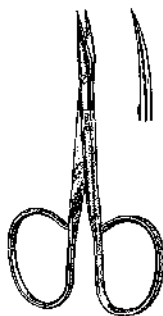


9-110



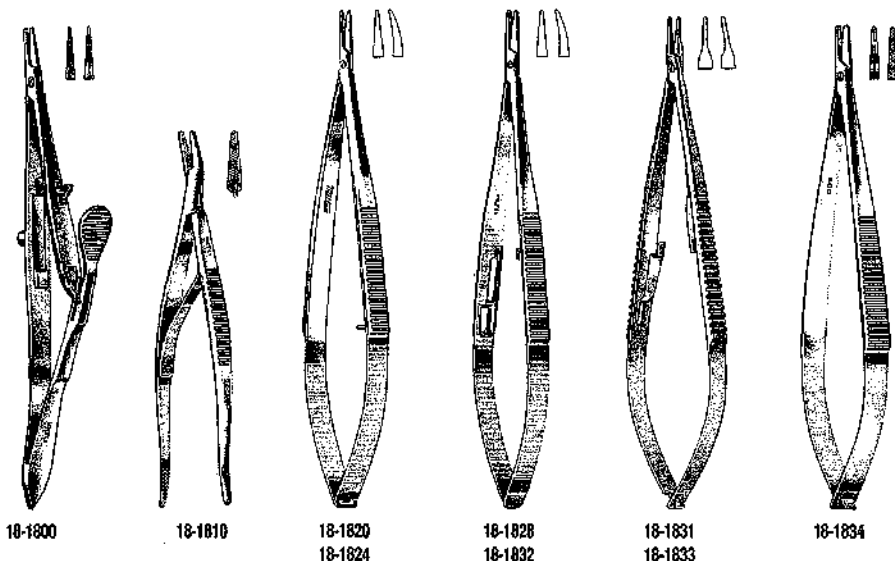
18-1652

- 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

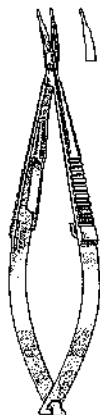


18-1653*

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



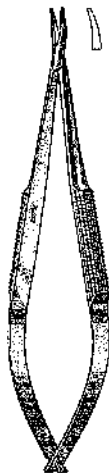
- 18-1800** KALT Needle Holder 5¼" (13.3 cm), standard model, delicate jaws
- 18-1810** GREEN Needle Holder and Suturing Forceps 4¾" (10.8 cm), angled jaws, double end
- 18-1820** CASTROVIEJO Needle Holder 5½" (14 cm), straight, without lock
- 18-1824** CASTROVIEJO Needle Holder 5½" (14 cm), curved, 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

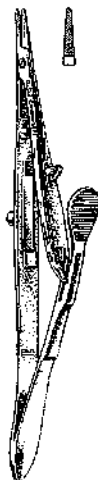


18-1858

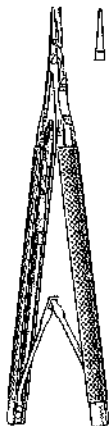
- 18-1837 McPHERSON Needle Holder for microsurgery 4" (10.2 cm), curved smooth tapered jaws
- 18-1838 BARRAQUER Needle Holder 5" (12.7 cm), curved, without lock, 10 mm wide hollow round handle
- 18-1839 BARRAQUER Needle Holder 5" (12.7 cm), curved, with lock, 10 mm wide hollow round handle
- 18-1840 BARRAQUER Needle Holder 5 1/2" (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

CARB-N-SERT NEEDLE HOLDERS

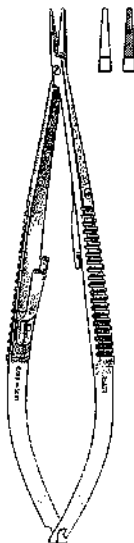
with tungsten carbide inserts insure firm holding of needles and sutures



18-1800TC

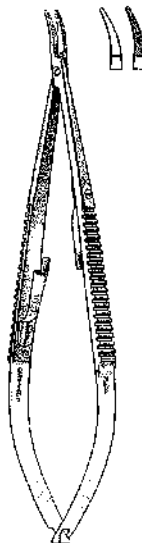


18-1816TC



18-1826TC

18-1826A-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
- 18-1826TC** CASTROVIEJO Needle Holder 5½" (14 cm), straight, with lock, smooth Carb-N-Sert jaws
- 18-1826A-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



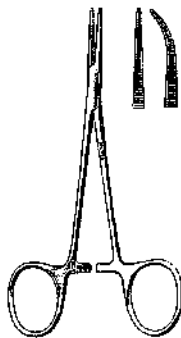
7-290
7-294



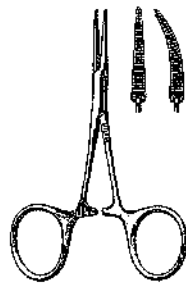
7-310



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 DIETRICH Micro Bulldog clamp 1 1/8" (4.7 cm), straight jaws 8 mm x 1.2 mm

7-315 DIETRICH 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

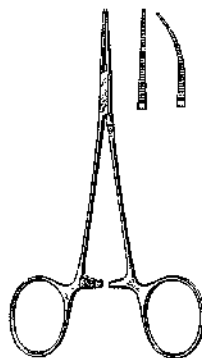
18-1936 HALSTED Mosquito Forceps 5" (12.7 cm), curved, Non-Magnetic

7-24 HARTMAN Mosquito Forceps 3 1/2" (8.9 cm), straight, delicate

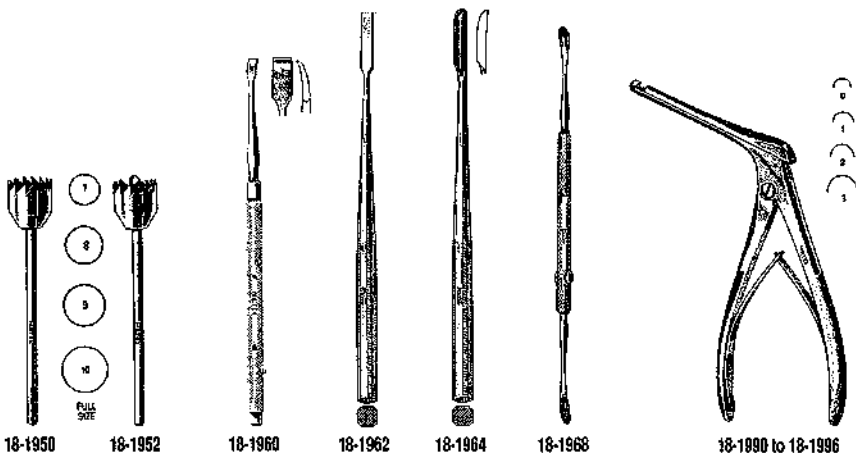
7-26 HARTMAN Mosquito Forceps 3 1/2" (8.9 cm), curved, delicate

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



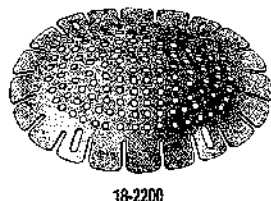
17-2600
17-2602

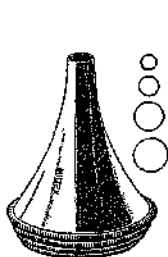


ARRUGA LACRIMAL TREPHINES

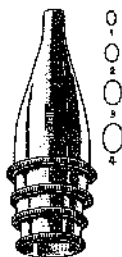
Without Center Point	Diameter	Center Point
18-1950-7	7 mm	18-1952-7
18-1950-8	8 mm	18-1952-8
—	9 mm	18-1952-9
—	10 mm	18-1952-10

- 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





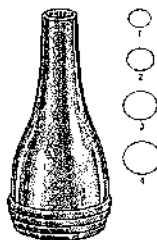
19-2



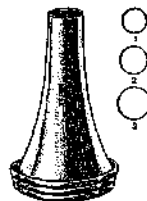
19-10 to 19-20



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

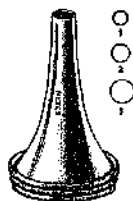
TOYNBEE EAR SPECULA, Round, Chrome

19-30 Set of 3 sizes 1, 2 and 3

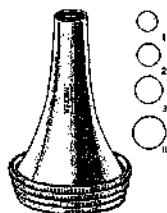
19-32 Single size 1 4 mm

19-34 Single size 2 5 mm

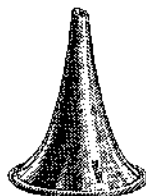
19-36 Single size 3 6 mm



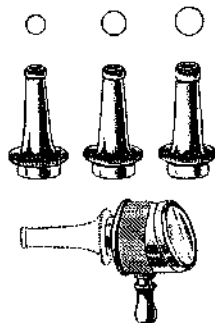
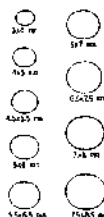
19-40



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

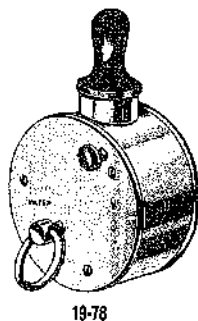
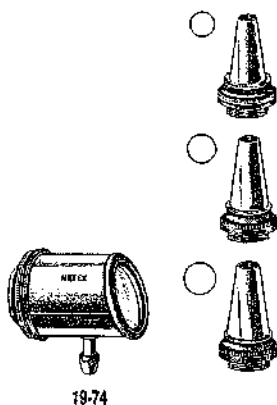
FARRIOR EAR SPECULA, Oval, angled end, nonglare stainless

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

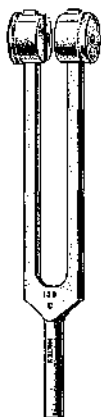
19-71-1	Single speculum, small size, chrome
19-71-2	Single speculum, medium size, chrome
19-71-3	Single speculum, large size, chrome



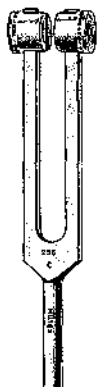
- 19-74** SIEGEL Magnifier Otoscope, chrome, 3.15x magnif., with 3 specula, small, medium and large sizes; complete with inflation bulb and tubing
- 19-75** Rubber Bulb with tubing for Bruening and Siegel Otoscopes
- 19-78** BARANY Noise Apparatus, with hard rubber ear tip



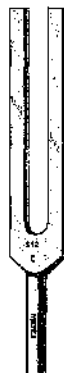
19-100



19-102



19-104



19-106



19-108



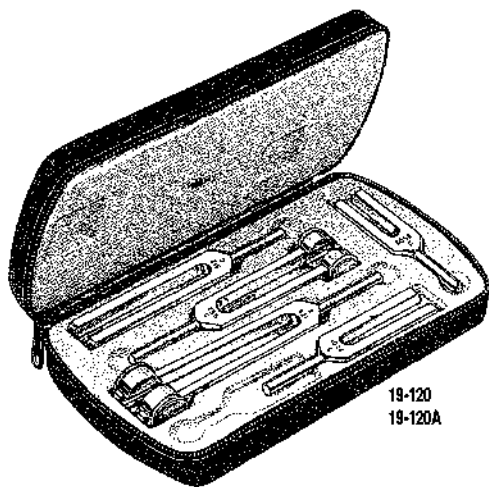
19-110



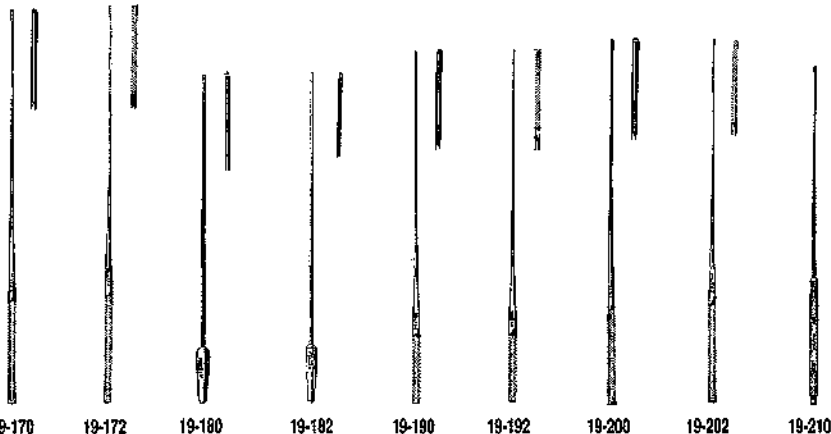
19-112

MILTEX TUNING FORKS, Aluminum Alloy

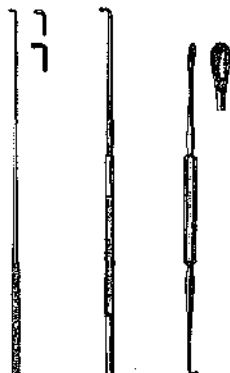
- 19-100 C-64 vibrations
- 19-102 C-128 vibrations
- 19-104 C-256 vibrations
- 19-106 C-512 vibrations
- 19-108 C-1024 vibrations
- 19-110 C-2048 vibrations
- 19-112 C-4096 vibrations
- 19-120 Set of 5 Tuning Forks,
C-128, C-256, C-512,
C-1024 and C-2048 in
fitted molded vinyl
zippered case
- 19-120A Fitted molded vinyl zippered
case only for tuning fork set



19-120
19-120A



- 19-170** 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

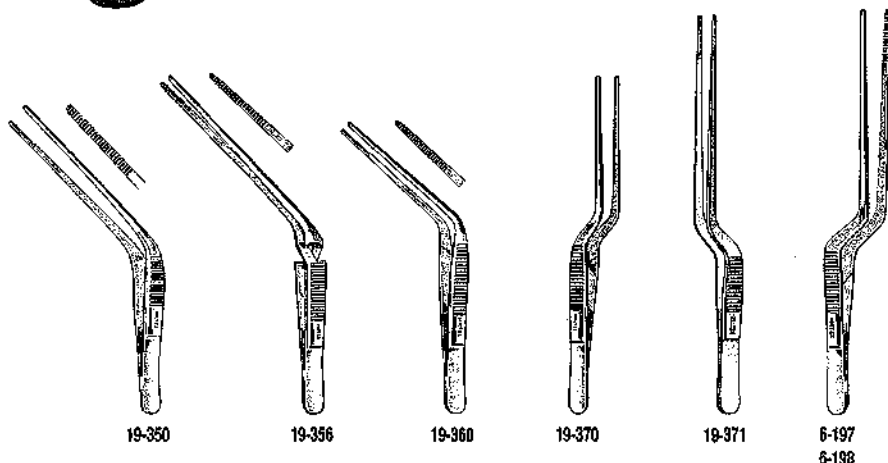
19-300 SHAPLEIGH Ear Curette 6" (15.2 cm), small size, serrated loop

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

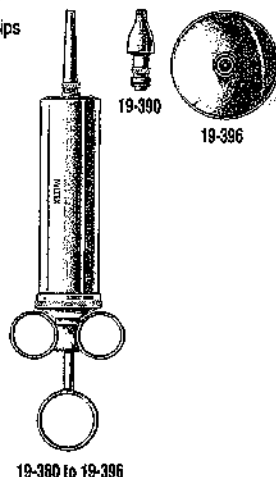


- 19-350** WILDE Ear Forceps 5" (12.7 cm), angular with serrated tips
- 19-356** WILDE Ear Forceps 5¼" (13.3 cm), cross action, angular with serrated tips
- 19-360** BLAKE Ear Forceps 4½" (11.4 cm), very delicate, angular with serrated tips
- 19-370** LUCAS Ear Forceps 5½" (14 cm), bayonet shape with 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.

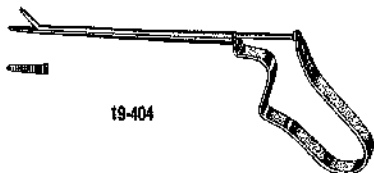
Without Shield	Capacity	With Shield
19-380	2 oz. (.06 liter)	19-381
19-382	3 oz. (.09 liter)	19-383
19-384	4 oz. (.12 liter)	19-385

- 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

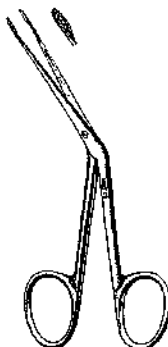




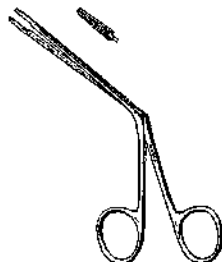
19-400



19-404

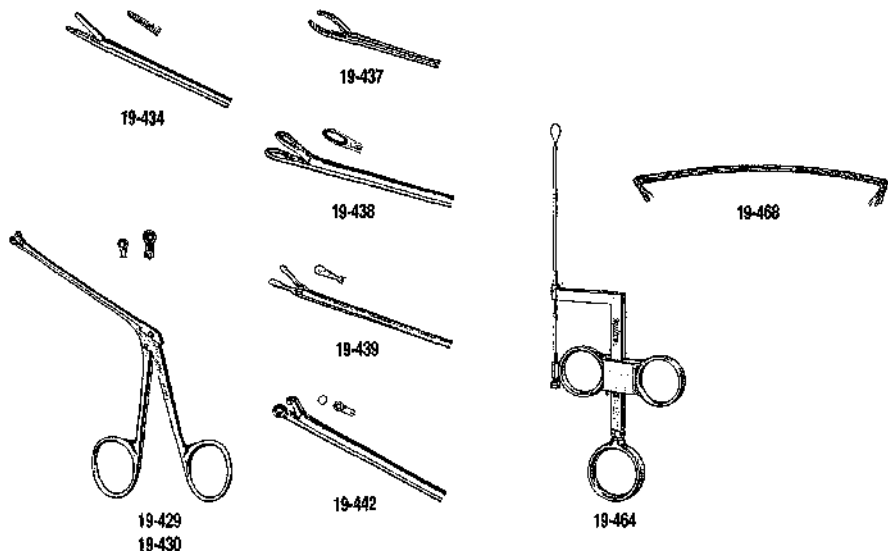


19-410



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, 3 1/4" (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, 2 1/2" (6.4 cm), cannula, delicate pattern
19-465 Stylet only for Bruening Ear Snare
19-466 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

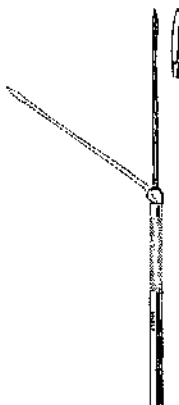


19-510



19-512

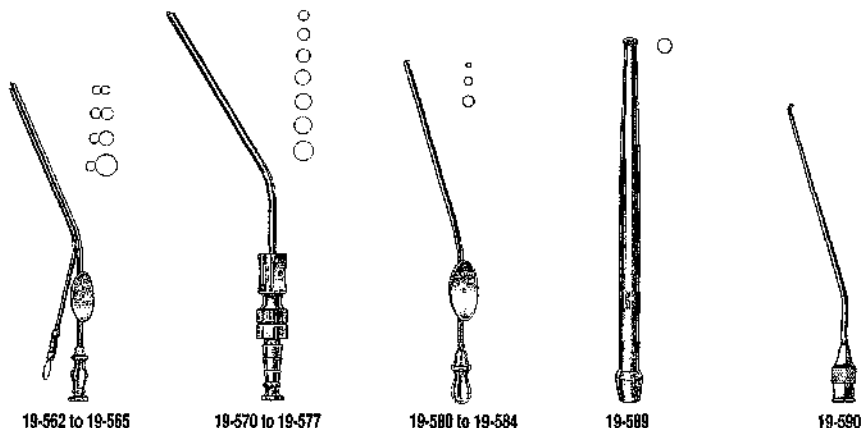
- 19-500 SEXTON Ear Knife 7" (17.8 cm), straight
- 19-502 SEXTON Ear Knife 7" (17.8 cm), bayonet
- 19-504 SEXTON Ear Knife 7" (17.8 cm), angled
- 19-510 POLITZER Ear Knife 7" (17.8 cm), spear blade, bayonet
- 19-512 POLITZER Ear Knife 7" (17.8 cm), spear blade, angled
- 19-520 SEXTON Ear Knife 7½" (19.1 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



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

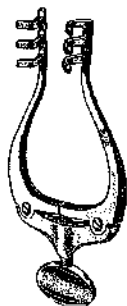
FRAZIER FERGUSON SUCTION TUBES, with finger cut-off, angled

- | | |
|---------------------------------|----------------------------------|
| 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) | |

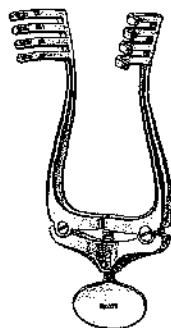
- 19-580** BARON Suction Tube, 3 French (1 mm) with finger cut-off, 7.5 cm tube
- 19-582** BARON Suction Tube, 5 French (1.7 mm) with finger cut-off, 7.5 cm tube
- 19-584** BARON Suction Tube, 7 French (2.3 mm) with finger cut-off, 7.5 cm tube

- 19-589** ANTHONY Suction Tube 6 1/2" (16.5 cm), with 3 mm lumen

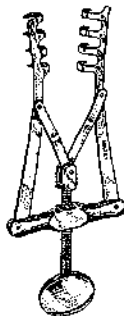
- 19-590** DAY Attic Cannula, 3" (7.6 cm) to bend, very delicate, tapered, with Luer Lock connection, silver



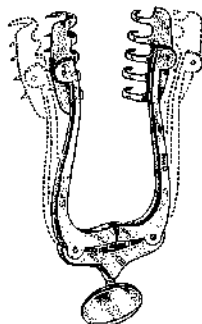
11-2



11-4



11-6



11-8

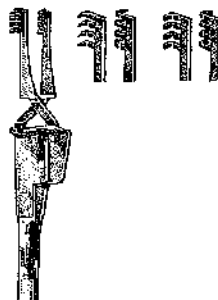
- 11-2 JANSEN Mastoid Retractor 4½" (10.8 cm), spread 3" (7.6 cm), 3 x 3 blunt prongs
10 mm deep, standard model
- 11-4 JANSEN Mastoid Retractor 4½" (11.4 cm), spread 3" (7.6 cm), 4 x 4 blunt prongs
20 mm deep
- 11-6 ALLPORT Mastoid Retractor 4" (10.2 cm), spread 2½" (6.4 cm), 4 x 4 sharp prongs
- 11-8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



11-10

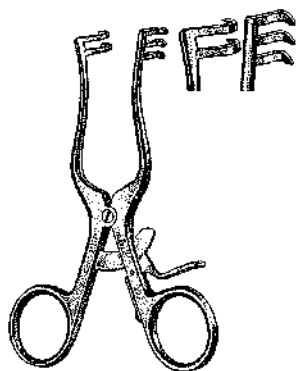


11-12
11-13

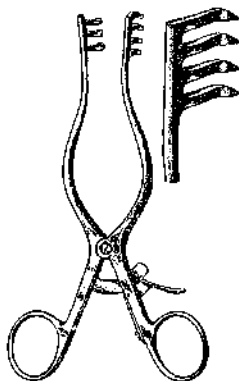


11-14
11-16

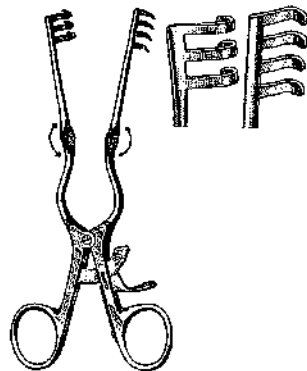
- | | |
|-------|---|
| 11-10 | DAVIS Retractor 4½" (11.4 cm), 3 x 3 blunt prongs |
| 11-12 | ALM Retractor 2¾" (7 cm), spread 2¼" (5.7 cm), prongs ⅛" (.32 cm) deep |
| 11-13 | ALM Retractor 3⅝" (9.8 cm), spread 3" (7.6 cm), prongs ½" (1.3 cm) deep |
| 11-14 | MILTEX Cross Action Retractor 4" (10.2 cm), 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

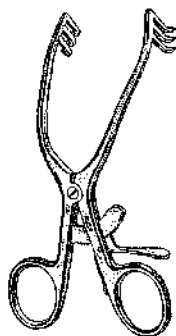
BECKMAN-WEITLANER RETRACTORS, with hinged blades

Sharp

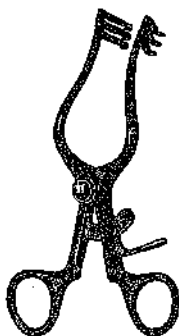
11-630-SH	5½" (14 cm), 3 x 4 teeth
11-634-SH	6½" (16.5 cm), 3 x 4 teeth

Blunt

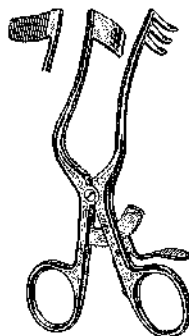
11-630-BL
11-634-BL



19-655



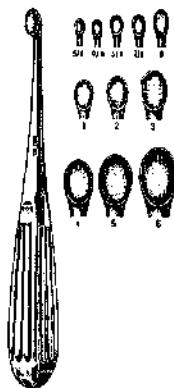
19-660



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 5 1/4" (13.3 cm), left serrated solid blade, right side 3 teeth
- 19-669** PERKINS Endaural Retractor 5 1/4" (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

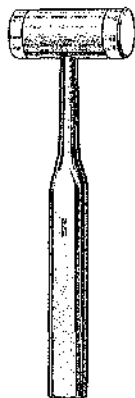
19-784	BISHOP Mastoid Gouge 6¾" (17.1 cm), width 3 mm
19-785	BISHOP Mastoid Gouge 6¾" (17.1 cm), width 4 mm

19-790	GERZOG Mallet 7½" (19.1 cm), head 8 oz. (227 g) lead filled with stainless jacket
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19-792	LUCAS Mallet 7¾" (19.7 cm), head 9 oz. (255 g) solid stainless
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19-792



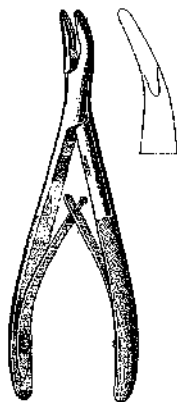
19-793
19-794



19-796

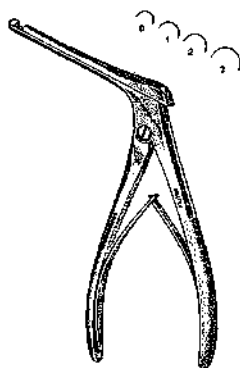


19-804

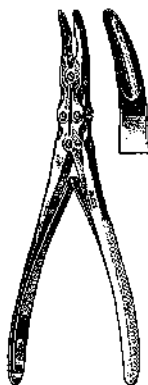


19-808

- 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



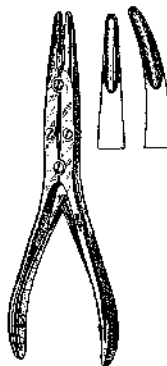
18-1990 to 18-1996



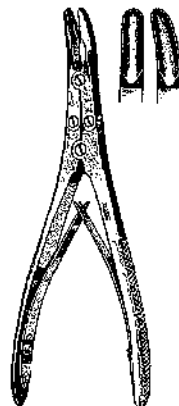
19-840



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 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

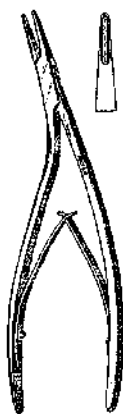
19-856

19-1230 LEMPERT Rongeur 6 1/4" (15.9 cm), straight, delicate, 2.5 mm bite

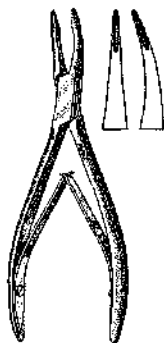
19-1232 LEMPERT Rongeur 6 1/4" (15.9 cm), curved, delicate, 2.5 mm bite



19-1230
19-1232



19-1234



17-4800
17-4801



19-1330



19-1334
19-1336

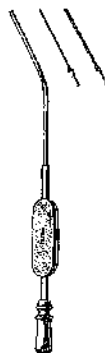


19-1340

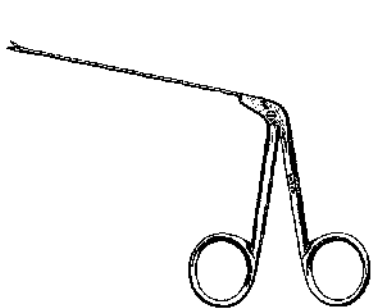
- 19-1234** JUERS-LEMPERT Rongeur 7¼" (18.4 cm), straight jaws on curved handles, delicate, 2.5 mm bite
- 17-4800** Micro Friedman Rongeur 5½" (14 cm), straight 1.3 mm wide jaws, very delicate
- 17-4801** Micro Friedman Rongeur 5½" (14 cm), curved 1.3 mm wide jaws, very delicate
- 19-1330** LEMPert Elevator 7¼" (18.4 cm), straight 2 mm blade, light pattern
- 19-1334** LEMPert Elevator 7¼" (18.4 cm), curved 2 mm blade, light pattern
- 19-1336** LEMPert Elevator 7¼" (18.4 cm), curved 3 mm blade, light pattern
- 19-1340** LEMPert Elevator 7¼" (18.4 cm), curved 4 mm blade, heavy pattern
- 19-1350** LEMPert Endaural Curette 8¼" (21 cm), oval cup size 5/0
- 19-1352** LEMPert Endaural Curette 8¼" (21 cm), oval cup size 4/0
- 19-1354** LEMPert Endaural Curette 8¼" (21 cm), oval cup size 3/0
- 19-1356** LEMPert Endaural Curette 8¼" (21 cm), oval cup size 2/0
- 19-1820** Ear Suction Tube, with 2 interchangeable tips 20 ga. and 22 ga.



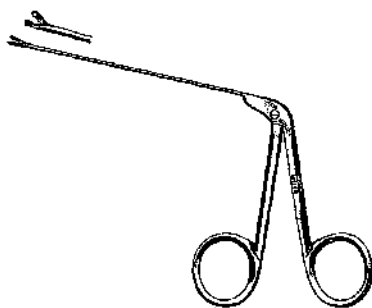
19-1350 to 19-1356



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



19-2100

19-2138
19-2100-B



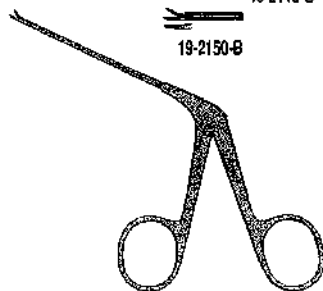
19-2090-B



19-2110

19-2110-B

- 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

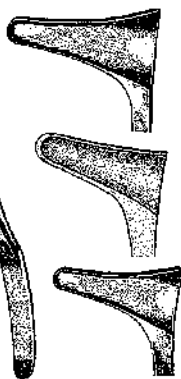


19-2150-B

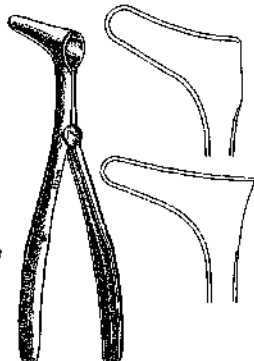
19-2081-B to 19-2150-B



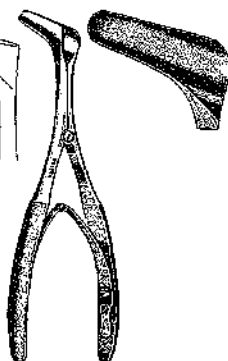
20-2 to 20-4



20-6
20-7

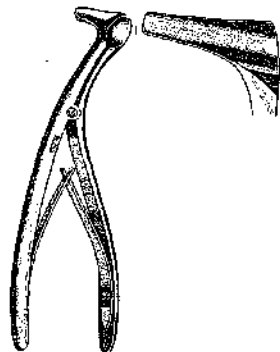


20-12

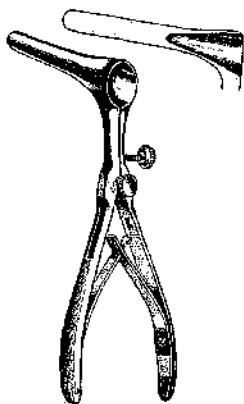


20-20

- 20-2 VIENNA Nasal Speculum 5 3/4" (14.6 cm), standard pattern, large size
- 20-3 VIENNA Nasal Speculum 5 3/4" (14.6 cm), standard pattern, medium size
- 20-4 VIENNA Nasal Speculum 5 3/4" (14.6 cm), standard pattern, small size
- 20-6 VIENNA Lightweight Nasal Speculum 5 3/4" (14.6 cm), adult size
- 20-7 VIENNA Lightweight Nasal Speculum 5 3/4" (14.6 cm), child size
- 20-12 TIECK (HALLE) Infant Nasal Speculum 5 3/4" (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

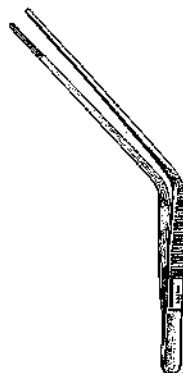
20-120 WILDE Nasal Dressing Forceps 6 1/2" (16.5 cm), angular



20-100



20-102



20-120



6-190



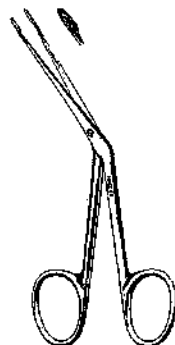
6-192



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

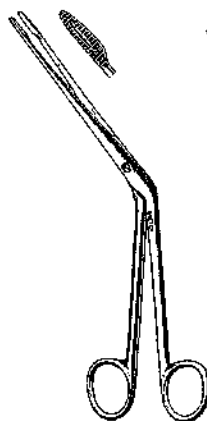
6-197 JANSEN (GRUENWALD) Bayonet Dressing Forceps 6 1/4" (15.9 cm), serrated tips

6-198 ADSON Bayonet Dressing Forceps 8 1/4" (21 cm), serrated tips

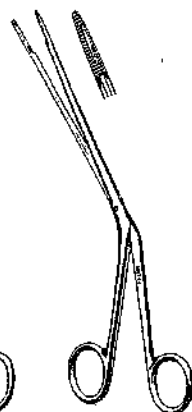
20-124 HARTMAN Nasal Dressing Forceps 7" (17.8 cm), improved delicate pattern, serrated tips

20-126 HARTMAN Nasal Dressing Forceps 7 1/4" (18.4 cm), regular model, serrated tips

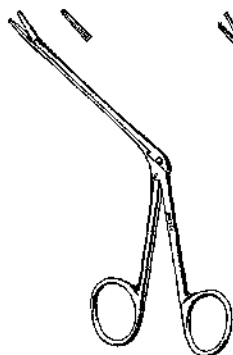
20-130 LITTAUER Nasal Dressing Forceps 6 3/4" (17.1 cm), slender mortised shanks, serrated tips



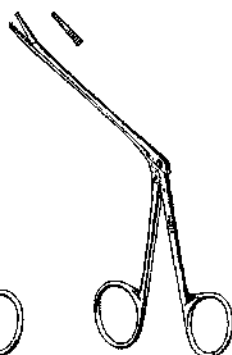
20-126



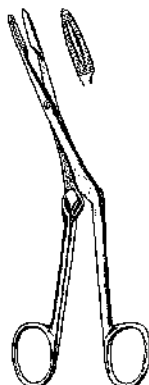
20-130



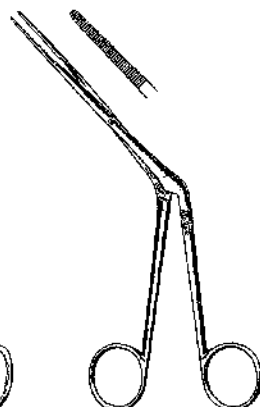
20-140
20-142



20-144

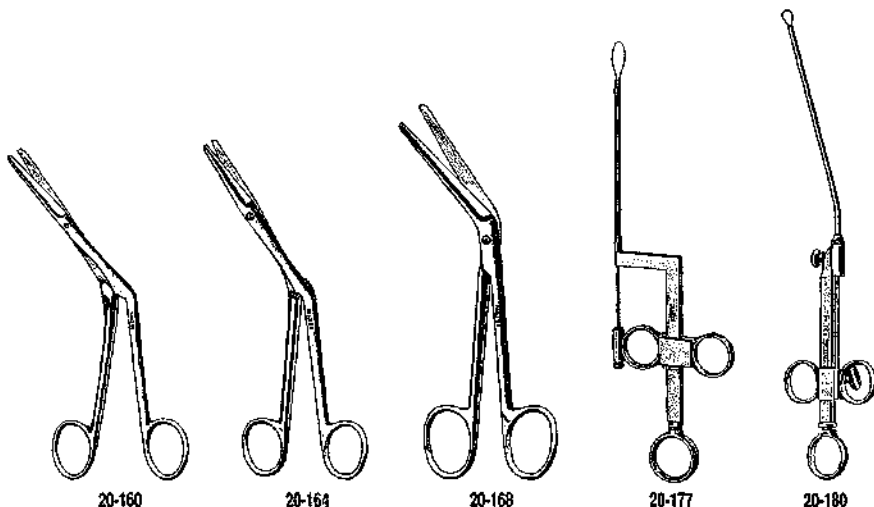


20-148



20-150

- 20-140 NOYES Alligator Forceps 5 1/2" (14 cm) shaft, serrated jaws
- 20-142 NOYES Alligator Forceps 6 1/2" (16.5 cm) shaft, serrated jaws
- 20-144 NOYES Alligator Forceps 5 1/2" (14 cm) shaft, 1 x 2 teeth
- 20-148 KNIGHT Nasal Forceps 6 3/4" (17.1 cm), standard pattern, serrated tips
- 20-150 MUSEHOLDT Nasal Dressing Forceps 7" (17.8 cm), slender long serrated blades

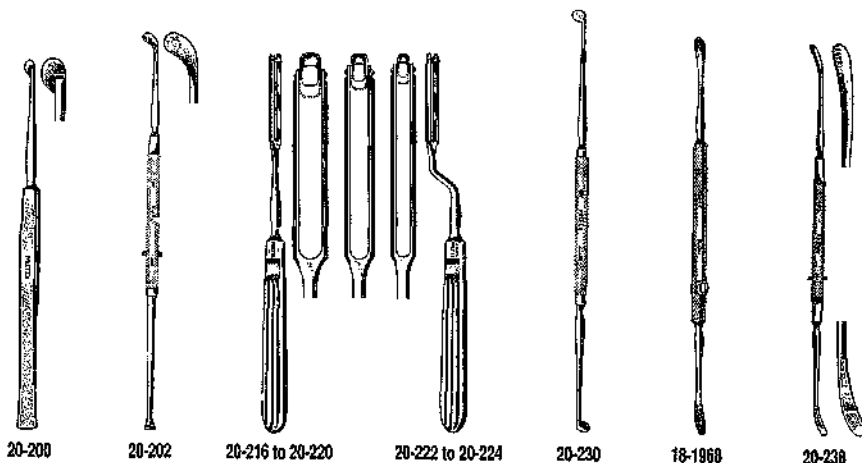


- 20-160** KNIGHT Nasal Scissors 6¾" (17.1 cm), angled on side, standard pattern
- 20-164** HEYMAN Nasal Scissors 6¾" (17.1 cm), angled on side, rounded blades
- 20-168** SEILER Turbinate Scissors 6¼" (15.9 cm), angled on side
- 20-177** BRUENING Nasal Snare 9" (22.9 cm), bayonet shape for unobstructed 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



*For Snare Wire size 1 see page 277

*For Snare Wire sizes 6, 7, 8 and 9 see page 361

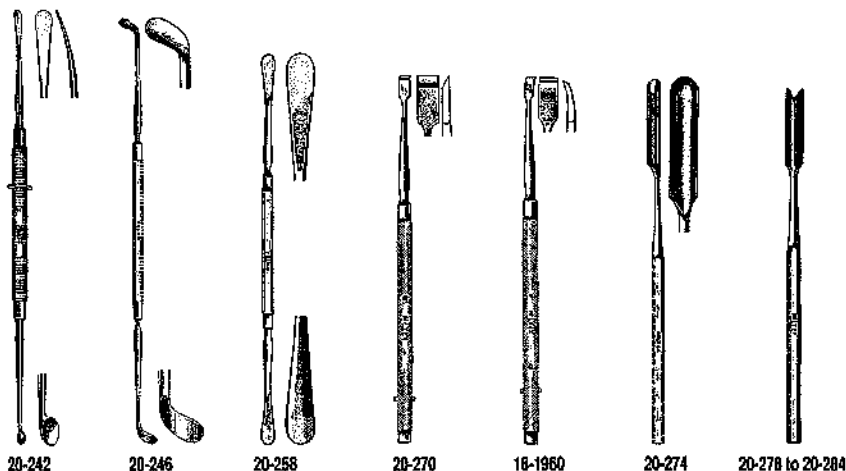


- 20-200** FREER Septum Knife 6¼" (15.9 cm), "D" model blade
20-202 FREER Submucous Knife 7½" (19.1 cm), angled blade

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** DUNNING Elevator and Curette 8 1/4" (21 cm), blunt elevator and sharp small oval curette
- 20-246** PENNINGTON Septum Elevator 8 1/4" (21 cm), double end for right and left side
- 20-258** HAJEK-BALLENGER Septum Elevator 7 1/4" (18.4 cm), double end straight semi-sharp and blunt blades
- 20-270** FREER Submucous Chisel 6 1/2" (16.5 cm), straight, 4 mm wide
- 18-1960** FREER Submucous Chisel 6 1/2" (16.5 cm), curved, 4 mm wide
- 20-274** FREER Septum Gouge 6 1/4" (15.9 cm), straight, 6 mm wide
- 20-278** BALLENGER V-Shaped Chisel 6 1/4" (15.9 cm), 2 mm wide
- 20-280** BALLENGER V-Shaped Chisel 6 1/4" (15.9 cm), 4 mm wide
- 20-282** BALLENGER V-Shaped Chisel 6 1/4" (15.9 cm), 6 mm wide
- 20-284** BALLENGER V-Shaped Chisel 6 1/4" (15.9 cm), 8 mm wide



20-300



20-308



20-312



20-330 to 20-342



20-360

20-300 HALLÉ 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

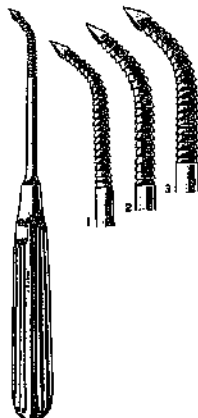
20-342 No. 6 Triangle 30° angle

20-360 FAULKNER Ethmoid Curette 9" (22.9 cm), double end 7 mm and 10 mm rings, sharp on both sides

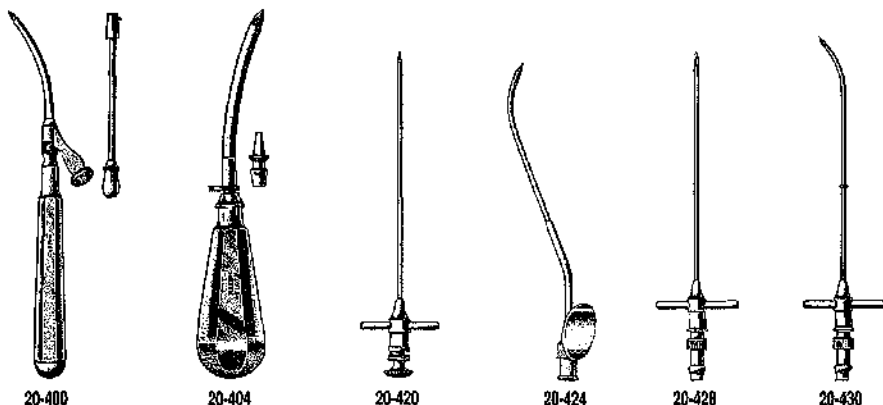
20-378 WIENER Antrum Rasp 8" (20.3 cm), No. 1 small with trocar tip

20-380 WIENER Antrum Rasp 8" (20.3 cm), No. 2 medium with trocar tip

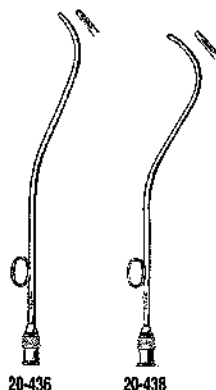
20-382 WIENER Antrum Rasp 8" (20.3 cm), No. 3 large with trocar tip



20-378 to 20-382

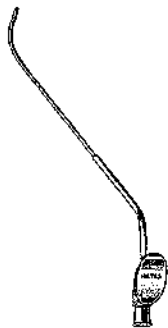


- 20-400** COAKLEY Antrum Trocar 7" (17.8 cm), standard curve with 3 mm dia. cannula and irrigating extension
- 20-404** PIERCE Antrum Trocar 7" (17.8 cm), with 5 mm dia. cannula and tubing connection
- 20-420** LIGHTWICZ Antrum Trocar Needle 4½" (11.4 cm), 16 gauge with beveled stylet and crossbar, 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





20-440



20-442



20-450



20-456

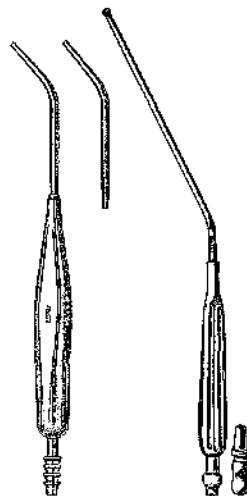


20-460



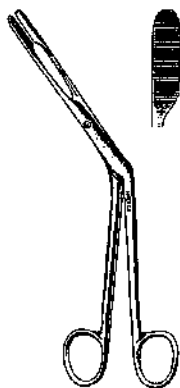
19-574

- 20-440** VAN ALYEA Antrum Cannula 4½" (11.4 cm), long curve, blunt tip, 1.8 mm, Luer lock
- 20-442** VAN ALYEA Frontal Cannula 4½" (11.4 cm), short curve, blunt tip, 1.8 mm, Luer lock
- 20-450** BOWER Sphenoid and Antrum Cannula 6½" (16.5 cm), dia. at tip 2 mm, lateral opening, Luer lock
- 20-456** KILLIAN (VON EICKEN) Antrum Cannula 5¾" (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

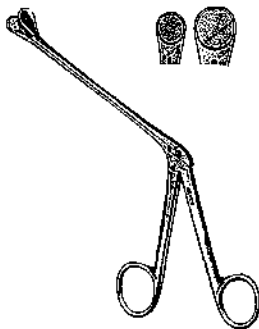


20-466

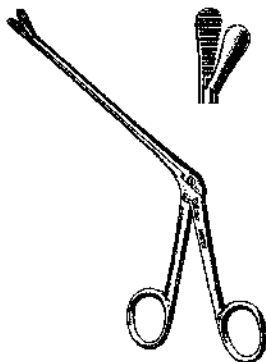
10-220



20-500

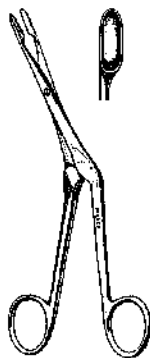


20-504
20-506

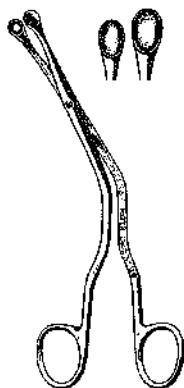


20-510

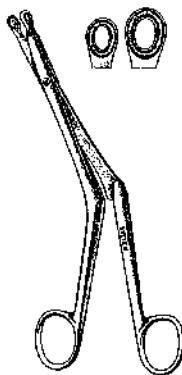
- 20-500 KILLIAN Septum Forceps 6¾" (17.1 cm), flat serrated jaws 25 x 5.5 mm, shaft 3¼" (8.3 cm)
- 20-504 WATSON-WILLIAMS Polyp Forceps 7¾" (19.7 cm), small jaws 6 mm wide, shaft 4¼" (10.8 cm)
- 20-506 WATSON-WILLIAMS Polyp Forceps 7¾" (19.7 cm), large jaws 9 mm wide, shaft 4¼" (10.8 cm)
- 20-510 LEWIS 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)



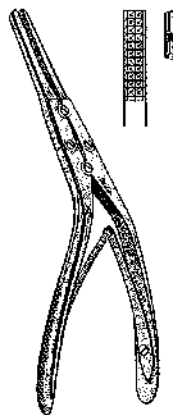
20-522



20-530
20-532

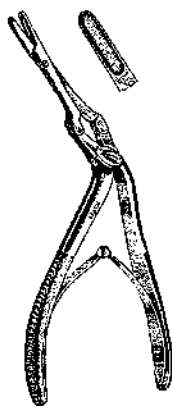


20-544
20-546



20-552
20-553

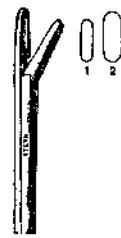
- 20-530 LUC Septum Forceps 7 $\frac{3}{4}$ " (19.7 cm), cup jaws 9 x 5.5 mm
- 20-532 LUC Septum Forceps 7 $\frac{3}{4}$ " (19.7 cm), cup jaws 11 x 6.5 mm
- 20-544 BRUENING Septum Forceps 7 $\frac{1}{2}$ " (19.1 cm), mortised shanks, small fenestrated cup jaws 7 mm wide
- 20-546 BRUENING Septum Forceps 7 $\frac{1}{2}$ " (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



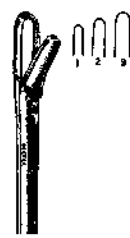
20-556



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

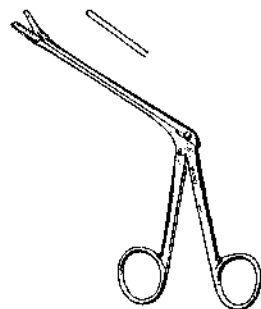
20-584 WILDE (BLAKESLEY) Ethmoid Forceps 5" (12.7 cm) shaft, pointed fenestrated cups 5 x 13 mm

20-594 GRUENWALD Nasal Forceps, 4½" (11.4 cm) shaft, through-cutting 2 x 10 mm bite

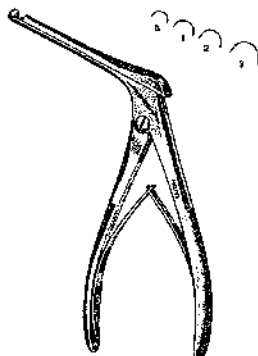
20-596 GRUENWALD Nasal Forceps, 4½" (11.4 cm) shaft, through-cutting 2.5 x 12 mm bite

20-598 GRUENWALD Nasal Forceps, 4½" (11.4 cm) shaft, through-cutting 3 x 12 mm bite

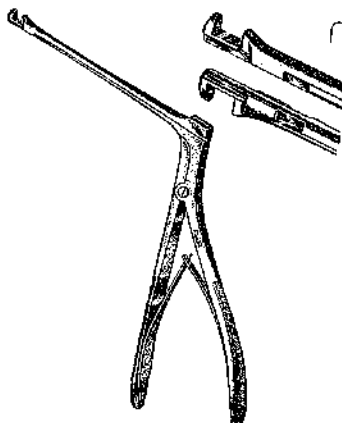
20-630 STRUYKEN Turbinate Forceps, 4½" (11.4 cm) shaft, through-cutting 1 x 15 mm bite



20-630

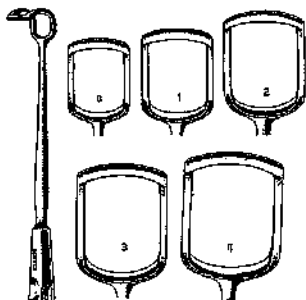


18-1990 to 18-1996



20-660
20-662

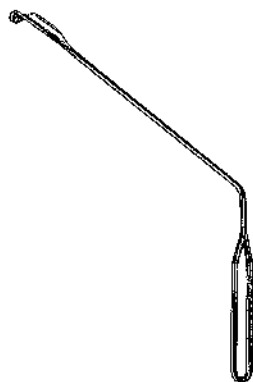
- | | |
|---------|--|
| 18-1990 | KERRISON Rongeur, 3" (7.6 cm) shaft, size 0, 3.5 mm bite |
| 18-1992 | KERRISON Rongeur, 3" (7.6 cm) shaft, size 1, 4 mm bite |
| 18-1994 | KERRISON Rongeur, 3" (7.6 cm) shaft, size 2, 4.5 mm bite |
| 18-1996 | KERRISON Rongeur, 3" (7.6 cm) shaft, size 3, 5 mm bite |
| 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 20-806

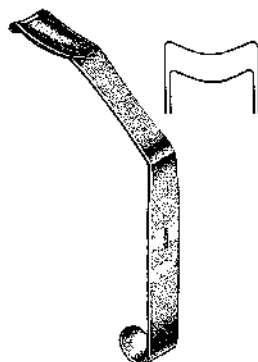


20-809



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

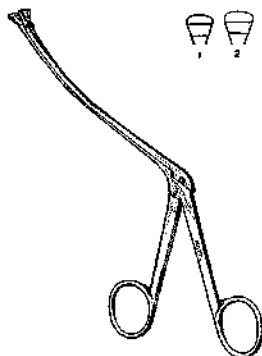


20-872 to 20-876

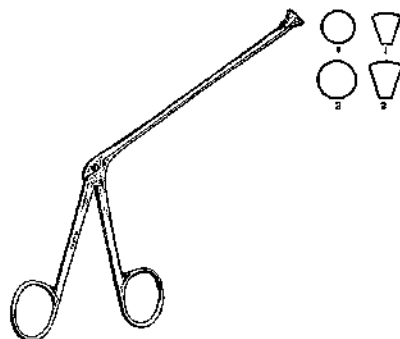


20-890

- 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

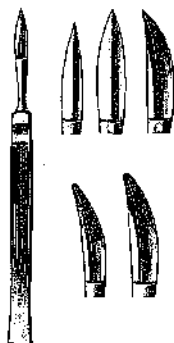


29-922 to 20-928

- | | |
|--------|---|
| 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 |



Plastic Surgery Instruments



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



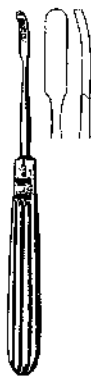
21-60



21-62
21-63



21-64



21-68

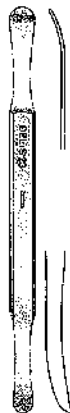


21-72

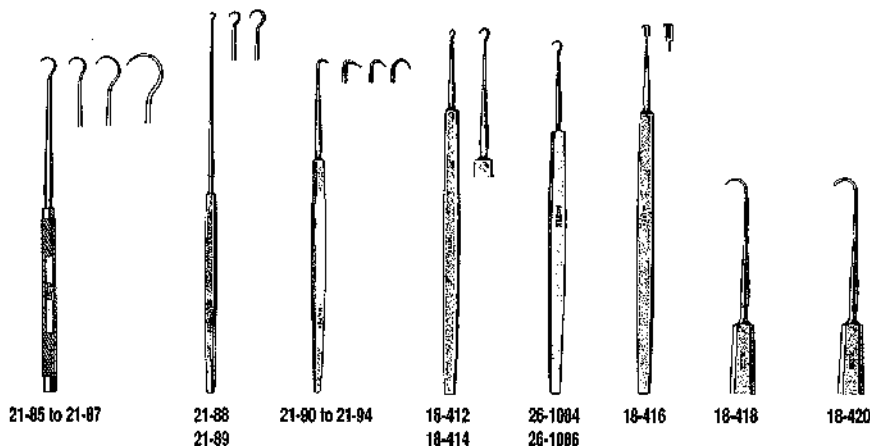


73-62

- 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



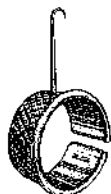
DELS23



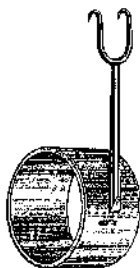
- 21-85 KLEINERT-KUTZ Hook 5" (12.7 cm), small size, 3 mm dia.
 21-86 KLEINERT-KUTZ Hook 5" (12.7 cm), medium size, 5 mm dia.
 21-87 KLEINERT-KUTZ Hook 5" (12.7 cm), large size, 7 mm dia.
 21-88 GILLIES (CONVERSE) Skin Hook 7" (17.8 cm), large size
 21-89 GILLIES (CONVERSE) Skin Hook 7" (17.8 cm), small 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



For additional Hooks see pages 188 - 194



21-107



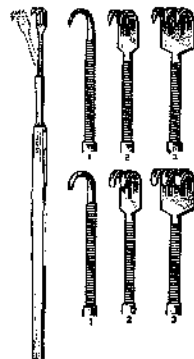
21-108



18-439



11D-27



11-30 to 11-40

21-107 MILLARD Thimble Retractor, $\frac{5}{8}$ " (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

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

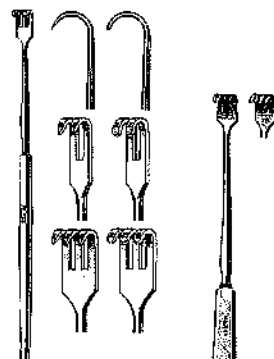
11-56 Rigid Neck Rake Retractor 6" (15.2 cm), 1 blunt prong

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

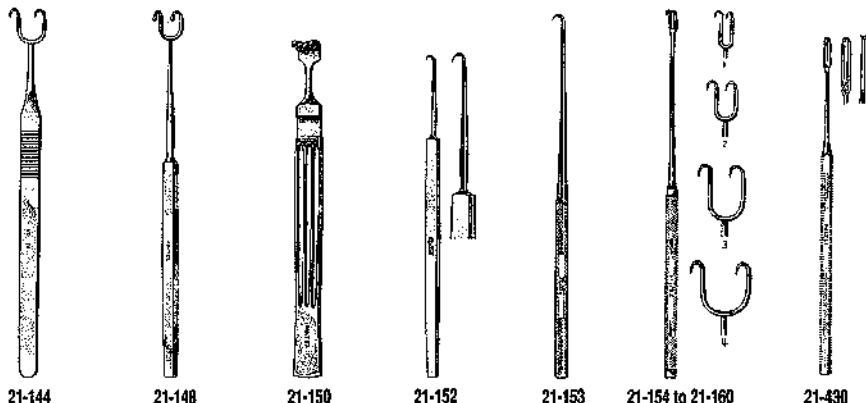
18-100 KNAPP (ROLLET) Retractor $5\frac{1}{4}$ " (13.3 cm) with 4 sharp prongs

18-102 KNAPP Retractor $5\frac{1}{4}$ " (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

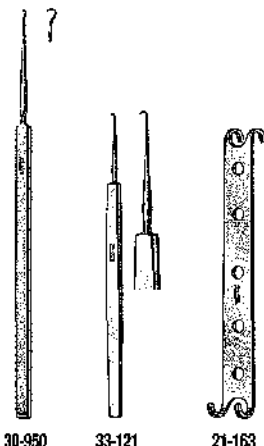
21-160 JOSEPH Double Hook 6¼" (15.9 cm), two sharp prongs 10 mm

21-430 MILTEX Tissue Twist Hook 5½" (14 cm)

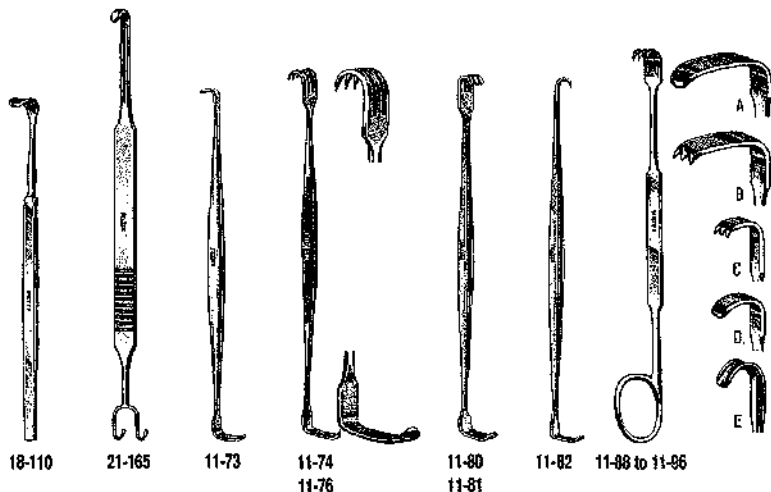
30-950 MILTEX Tenaculum Hook 8" (20.3 cm), extra delicate pointed hook, handle graduated in cm

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

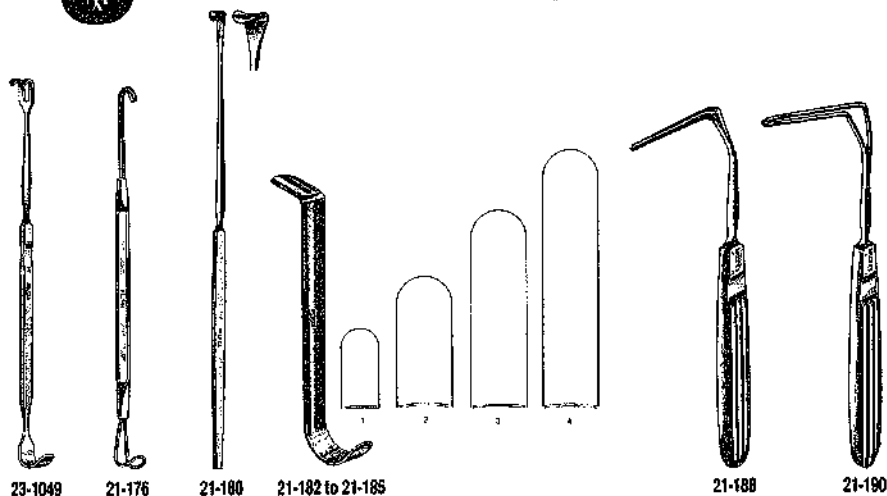


- 18-110** DESMARRES Alar Retractor 5½" (14 cm), 11 mm wide blade
- 21-165** COTTLE Knife Guide and Retractor 8" (20.3 cm), double end, ball tip prongs 10 mm wide, and 5 mm wide slotted hook
- 11-73** RAGNELL Retractor 6" (15.2 cm), double end 3 x 8 mm and 5 x 15 mm blades, delicate
- 11-74** SENN Retractor 6½" (16.2 cm), double end, 3 sharp prongs
- 11-76** SENN Retractor 6½" (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 ⅞" (.48 cm) x ⅝" (1.6 cm)
- 11-92** MEYERDING Finger Retractor 7" (17.8 cm), style C. Blade ⅞" (.32 cm) x ¼" (.64 cm)
- 11-94** MEYERDING Finger Retractor 7" (17.8 cm), style D. Blade ¾" (.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



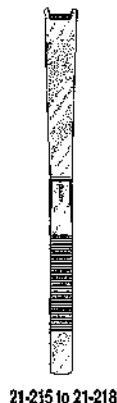
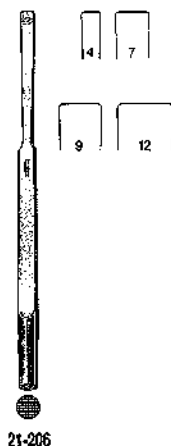
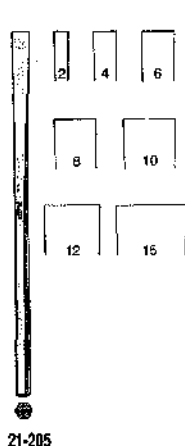
23-1047



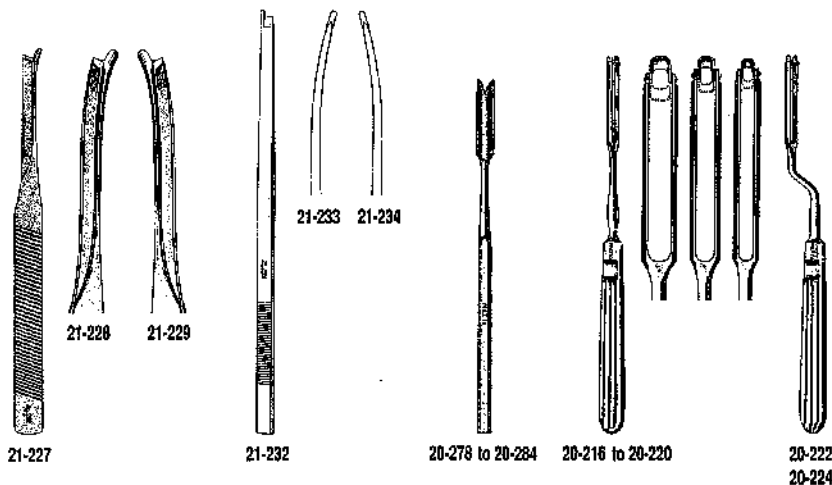
- 23-1049** JACKSON Retractor 7" (17.8 cm), double end, 2 blunt prongs $\frac{5}{16}$ " (2.4 cm) wide, and solid blade $\frac{3}{8}$ " (1 cm) wide
- 21-176** NEIVERT Knife Guide and Retractor 6½" (16.5 cm), double end, open blade 14 mm wide
- 21-180** LOVE Nerve Retractor 8½" (21.6 cm), blade 7 mm wide
- 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



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)

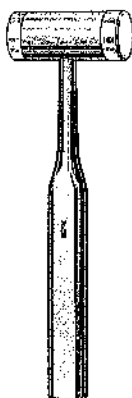
Straight	Width	Bayonet
20-216	3 mm	20-222
20-218	4 mm	20-224
20-220	5 mm	---



19-790



19-792



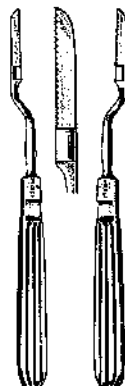
19-793 to 19-795



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

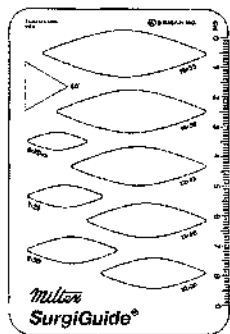
21-282 JOSEPH Nasal Saw 7½" (19.1 cm), bayonet, right

21-284 JOSEPH Nasal Saw 7½" (19.1 cm), bayonet, left

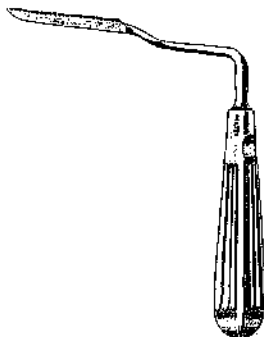
40-2000 MILTEX Nasal Saw 6" (15.2 cm), blade 2" (5.1 cm)



40-2000

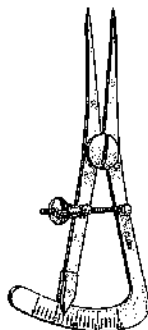


21-278



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

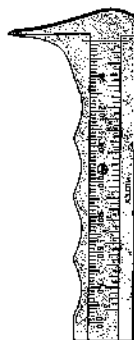
18-650 CASTROVIEJO Caliper 3 1/4" (8.3 cm), a combination measuring and marking caliper, graduated 0-20 mm

18-657 THORPE Caliper 4 1/2" (11.4 cm), graduated in inches and mm

18-658 JAMESON Caliper 3 1/4" (9.5 cm), graduated in inches and mm, with thin tips

18-660 Flexible Stainless Ruler 6" (15.2 cm) x 1/8" (1.3 cm), graduated in 1/32" (.8 mm) fractions and mm

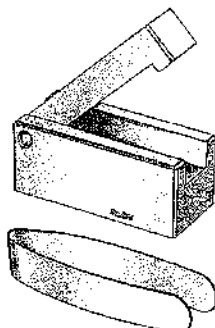
21-300 COTTLE Cartilage Crusher, 16 mm wide anvil, with removing forceps



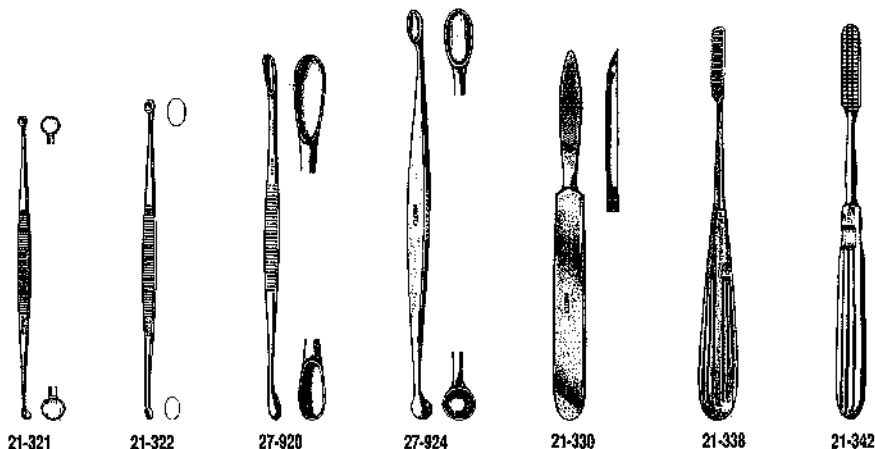
18-658



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



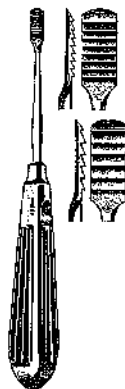
Plastic Surgery Instruments



21-343



21-346
21-348



21-352
21-354



21-360



21-368 to 21-370



21-379

21-343 MALTZ Rasp 8 1/4" (21 cm), improved double end pattern, one end forward other end backward cutting

21-346 AUFRICHT Glabella Rasp 8 1/4" (21 cm), curved blade, forward cutting

21-348 AUFRICHT Glabella Rasp 8 1/4" (21 cm), curved blade, backward cutting

21-352 LEWIS Rasp 7 1/2" (19.1 cm), fine teeth, backward cutting

21-354 LEWIS Rasp 7 1/2" (19.1 cm), coarse teeth, backward cutting

21-360 GALLAHER Rasp 7 1/2" (19.1 cm), coarse teeth, convex

21-368 FOMON Rasp 8 1/4" (21 cm), double end, 4-sided, fine and coarse teeth, both in flat and convex

21-369 FOMON Rasp 8 1/4" (21 cm), double end, coarse teeth flat and convex

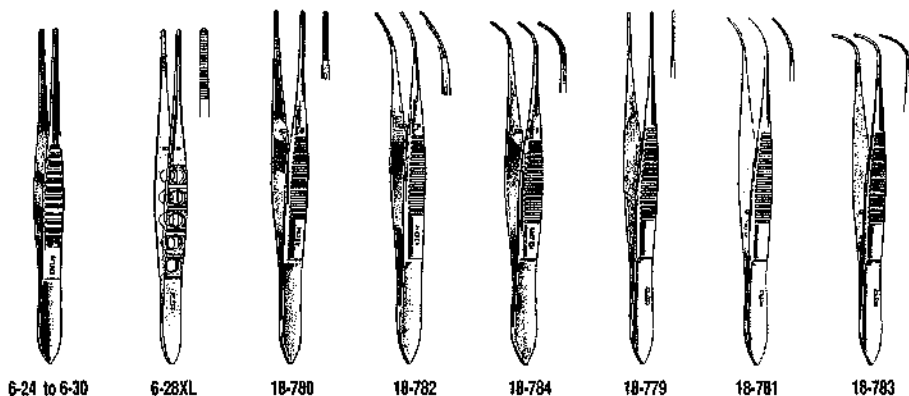
21-370 FOMON Rasp 8 1/4" (21 cm), double end, fine teeth flat and convex

21-379 Stainless Wire Brush 6 1/4", for cleaning rasps and files, Autoclavable

3-1001 MILTEX Instrument Cleaning Brushes 7 1/2" (18.4 cm)
Stainless steel bristles. Designed to clean instrument serrations, rasps, files and burs (set of 3), Autoclavable



3-1001



- 6-24** Dressing Forceps 4½" (11.4 cm), delicate pattern
- 6-26** Dressing Forceps 5" (12.7 cm), delicate pattern
- 6-28** Dressing Forceps 5½" (14 cm), delicate pattern
- 6-28XL** Dressing Forceps 5½" (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



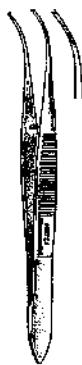
Plastic Surgery Instruments



6-90 to 6-96



18-786
18-787



18-788



18-790



18-785



18-789



18-791



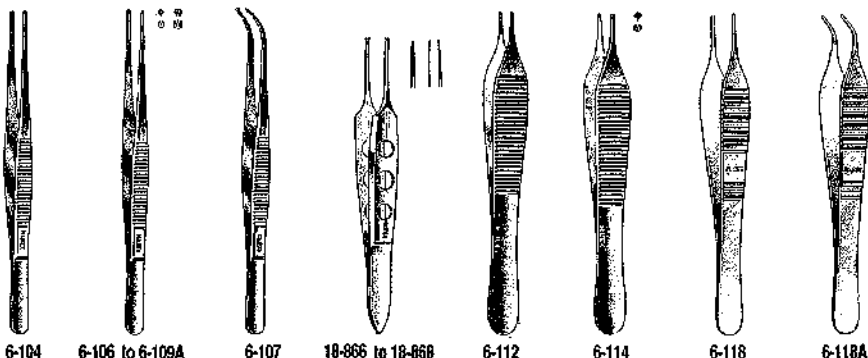
6-100

- 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

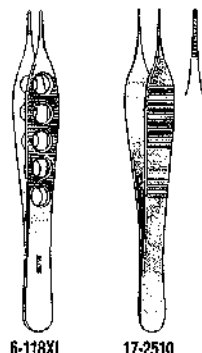
IRIS TISSUE FORCEPS 4" (10.2 cm), 1 x 2 TEETH

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		

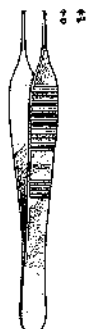
For additional Dressing & Tissue Forceps see pages 64 - 82



- 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 3½" (8.6 cm), fine cross-serrated tips 0.5 mm wide
- 18-867** BISHOP-HARMON Micro Tissue Forceps 3½" (8.6 cm), delicate 0.3 mm 1 x 2 teeth
- 18-868** BISHOP-HARMON Tissue Forceps 3½" (8.6 cm), standard 0.7 mm 1 x 2 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



For additional Dressing & Tissue Forceps see pages 64 - 82



6-120
6-122



6-120A



6-120XL



6-121

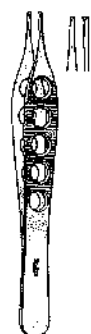


17-2500



6-123

- 6-120** ADSON Tissue Forceps 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 serrated, 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), with platform 1 x 2 teeth, lightweight, fenestrated handles



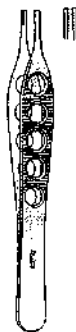
6-123XL

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 1/4" (12.1 cm), 7 x 7 side grasping teeth

6-124XL BROWN-ADSON Tissue Forceps 4 1/4" (12.1 cm), 7 x 7 side grasping teeth, lightweight, fenestrated handles

6-125 DeBAKEY-ADSON Tissue Forceps 4 1/4" (12.1 cm), atraumatic tips 1.5 mm wide

6-126 BROWN-ADSON Tissue Forceps 4 1/4" (12.1 cm), 7 x 7 side grasping teeth, angular

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

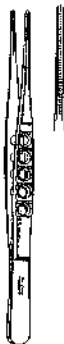
6-138 BROWN Tissue Forceps 6" (15.2 cm), 8 x 8 side grasping teeth

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

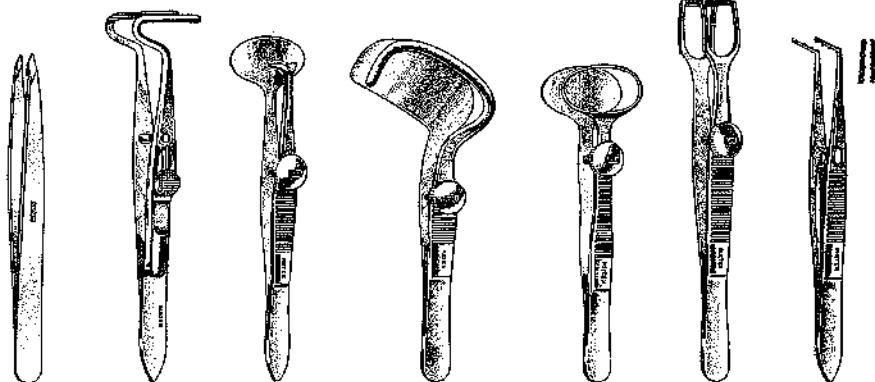
18-850 GRAEFE Fixation Forceps 4 3/8" (11.2 cm), standard jaws 4.5 mm wide, with fine teeth

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



18-1107

18-1136

18-1138

18-1150

18-1160

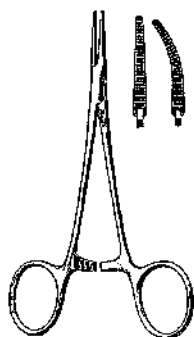
18-1162

18-1202

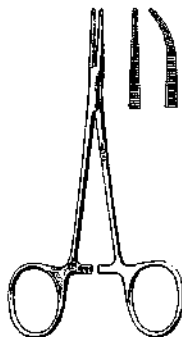
21-440

18-1252

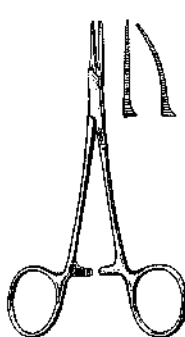
- 18-1107** Swiss Gills and Suture Forceps 3¾" (9.5 cm), precision fitted diagonal jaws 3 mm wide
- 18-1136** BERKE Ptosis Forceps 4" (10.2 cm), blades 20 mm with longitudinal serrations, with slide lock
- 18-1138** BERKE Ptosis Forceps 4" (10.2 cm), blades 27 mm with longitudinal serrations, with slide lock
- 18-1150** ERHARDT Lid Forceps 3½" (8.9 cm), serrated jaws 9.5 mm wide
- 18-1160** SNELLEN Entropion Forceps 3½" (8.9 cm), left, 35 mm wide plate
- 18-1162** SNELLEN Entropion Forceps 3½" (8.9 cm), right, 35 mm wide plate
- 18-1202** DESMARRES Chalazion Forceps 3½" (8.9 cm), inside ring measures 12 x 23 mm
- 21-440** COTTLE Columella Forceps 4½" (11.4 cm), jaws 10 mm wide
- 18-1252** PRINCE Muscle Forceps 3¾" (9.5 cm)



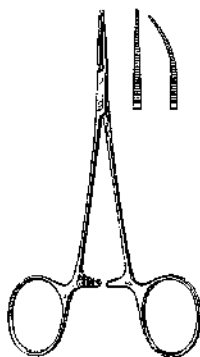
7-2
7-4



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

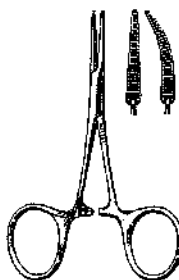
17-2602 JACOBSON Micro Mosquito Forceps 5" (12.7 cm), curved, extremely delicate

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

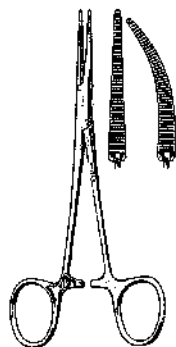
7-32 PROVIDENCE Hospital Forceps 5½" (14 cm), curved



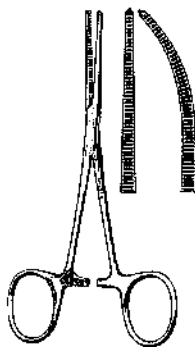
7-24
7-26



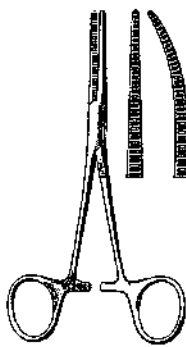
7-30
7-32



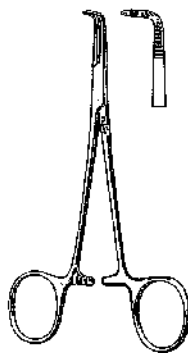
7-50
7-52



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 1/4" (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

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



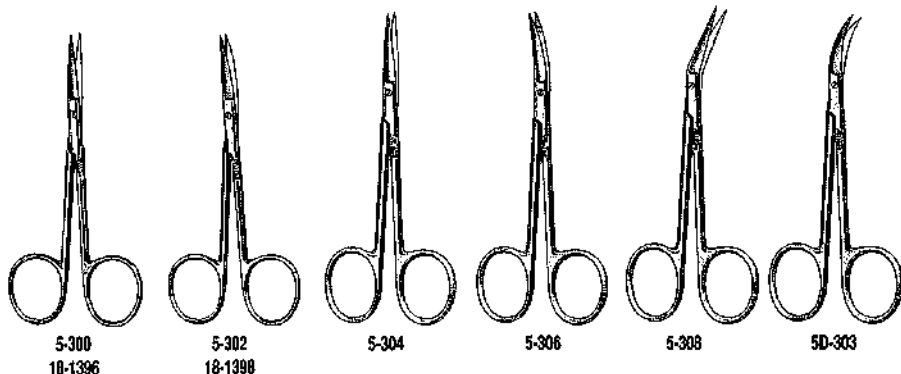
5-280
5-281



5-282
5-282A

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

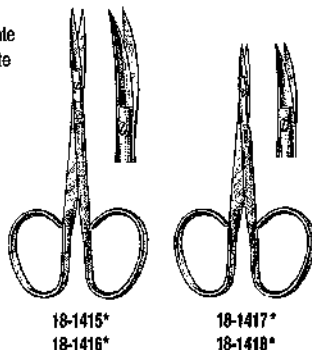
5-300 Iris Scissors 4" (10.2 cm), straight, delicate
5-302 Iris Scissors 4" (10.2 cm), curved, delicate

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.



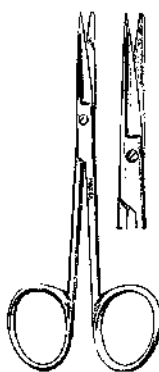
18-1392
18-1394



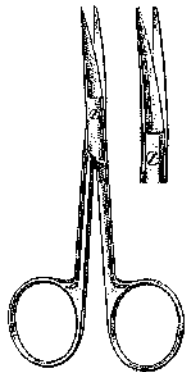
18-1404



18-1405

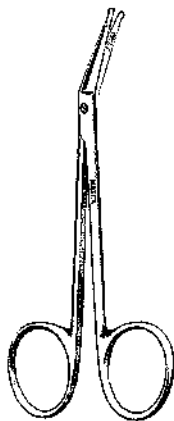


18-1420
18-1422



18-1426
18-1428

- 18-1392** BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, straight
- 18-1394** BONN Miniature Iris Scissors 3½" (8.9 cm), with 15 mm blades, curved
- 18-1404** 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, 4½" (11.4 cm), angled on side



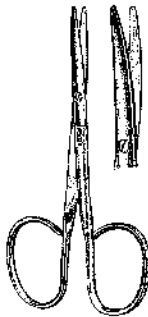
5-310



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

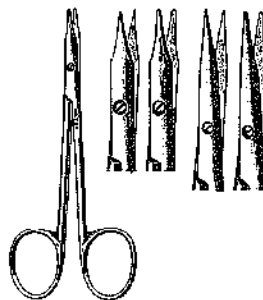
STEVENS TENOTOMY SCISSORS

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

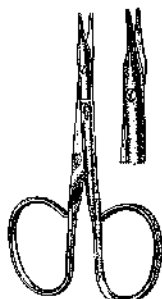
4½" (11.4 cm) With
Long Blades

- 18-1470**
18-1472
18-1474
18-1476

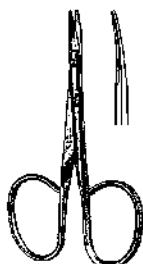


18-1460 to 18-1476

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



18-1477*
18-1478*



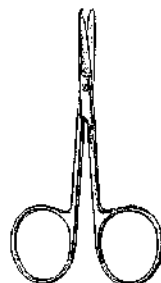
18-1419*



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

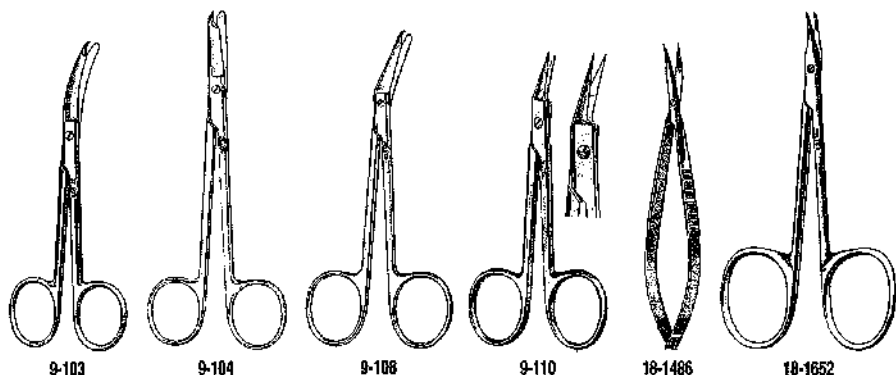


9-102

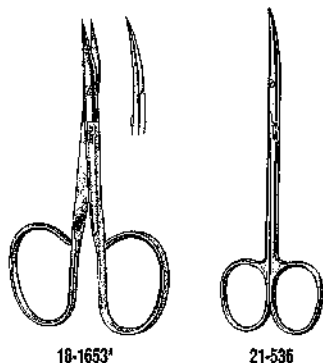
For Carb-N-Sert Scissors with tungsten carbide inserts see pages 55 - 59

For SuperCut Scissors see pages 60 - 63

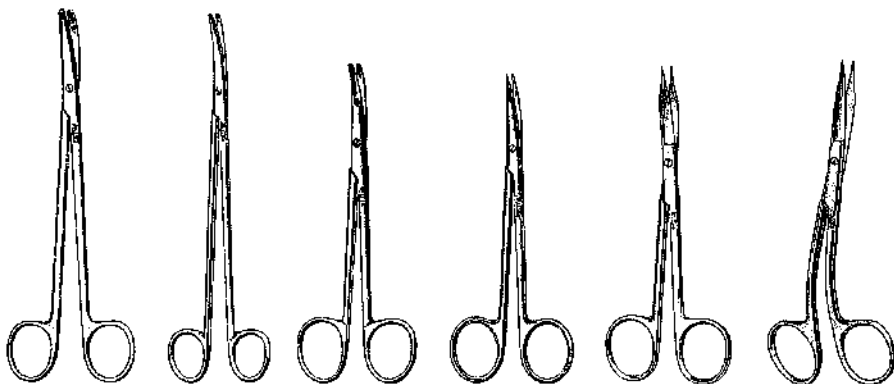
*Ribbon type scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished.



- 9-103** NORTHBENT Stitch Scissors 4¾" (12.1 cm), curved, light pattern
- 9-104** LITTAUER Stitch Scissors 5½" (14 cm), standard pattern
- 9-108** MILTEX Stitch Scissors 4½" (11.4 cm), angled, delicate
- 9-110** O'BRIEN Stitch Scissors 3¾" (9.5 cm), angled to side, sharp points
- 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" (10.4 cm), slightly curved, sharp points, ribbon type
- 21-536** LITTLER Suture Carrying Scissors 4¾" (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 5-286

5-290
5-291

33-242

5-320

5D-322

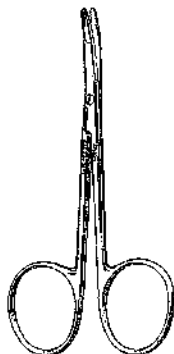
- 5-180 METZENBAUM Scissors 5½" (14 cm), curved, standard
- 5-182 METZENBAUM Scissors 7" (17.8 cm), curved, standard
- 5-284 METZENBAUM Scissors 5" (12.7 cm), curved, delicate
- 5-286 METZENBAUM Scissors 6" (15.2 cm), curved, delicate
- 5-288 METZENBAUM Scissors 7" (17.8 cm), curved, delicate
- 5-290 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 4½" (12.4 cm), curved, rounded dissecting blades

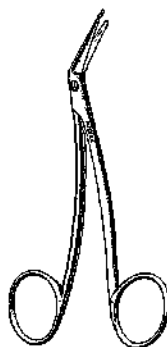
5-172 REYNOLDS Dissecting Scissors 6" (15.2 cm), curved tenotomy type dissecting tips

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

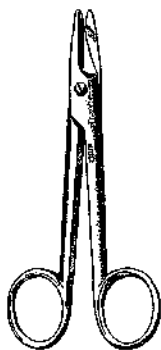
21-560 TAYLOR Dural Scissors 5½" (14 cm), with probe tip



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



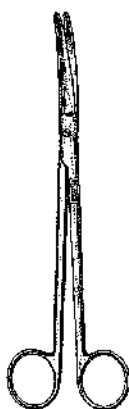
21-606

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



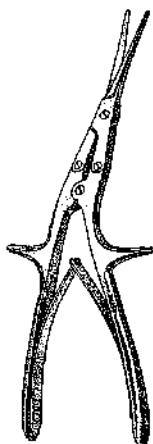
21-612



21-630

21-632

- 21-607 GORNEY Facelift Scissors 7 1/4" (19.7 cm), straight, one serrated blade
- 21-608 GORNEY Facelift Scissors 7 1/4" (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



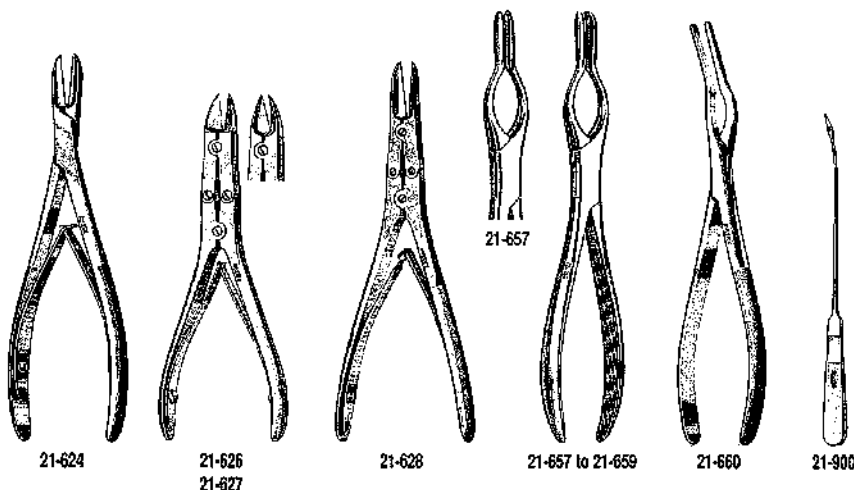
21-621



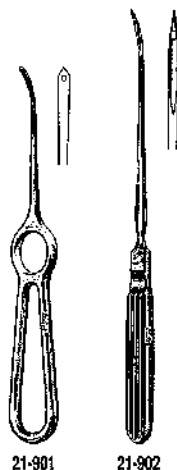
21-622

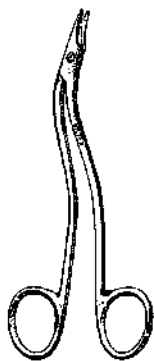
For Carb-N-Sert Scissors with tungsten carbide inserts see pages 55 - 59

For SuperCut Scissors see pages 60 - 63

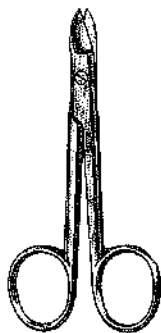


- 21-624** KAZANJIAN Nasal Cutting Forceps 7½" (19.1 cm), light model
- 21-626** KLEINERT-KUTZ (RUSKIN) Bone Cutting Forceps 6" (15.2 cm), straight
- 21-627** KLEINERT-KUTZ (RUSKIN) Bone Cutting Forceps 6" (15.2 cm), curved
- 21-628** RUSKIN (ROWLAND) Nasal Hump Forceps 7" (17.8 cm), double action, narrow 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



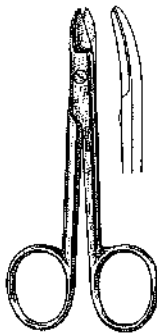


9-96



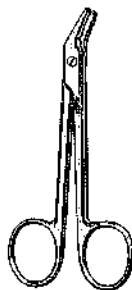
9-120

9D-121

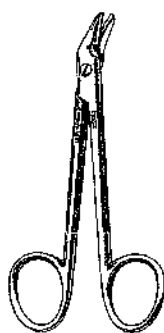


9-122

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 1/4" (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

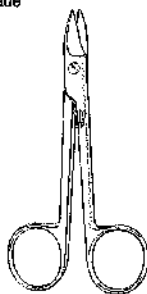
WIRE CUTTING SCISSORS 4 1/8" (10.8 cm)

9D-132 Straight, one serrated blade

9D-133 Straight

9D-134 Curved, one serrated blade

9D-135 Curved



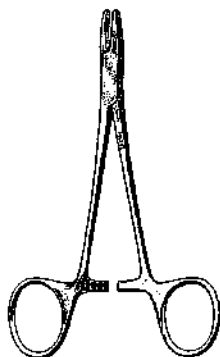
9D-132

9D-133

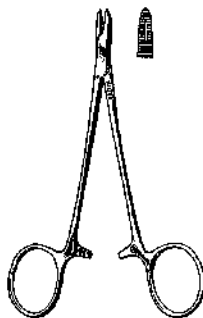


9D-134

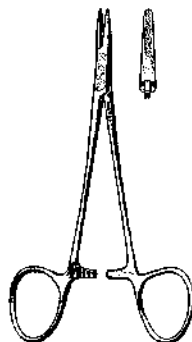
9D-135



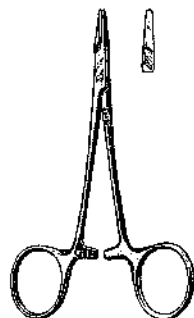
8-2



8-4



8-6



8-7

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

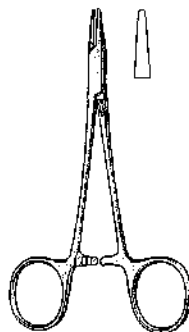
8-4 DERF Needle Holder 4 3/4" (12.1 cm)

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

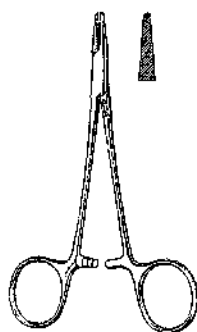
8-7 WEBSTER Needle Holder 4 3/4" (12.1 cm), extra delicate, smooth jaws

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

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

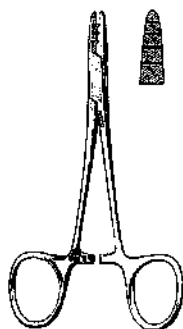


8-8

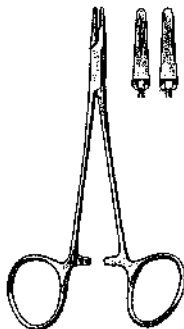


8D-36

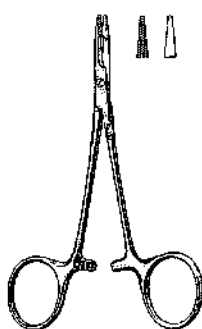
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



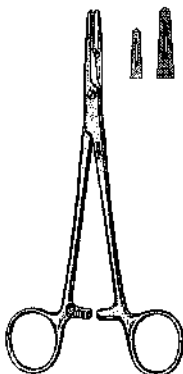
8-10



8-12

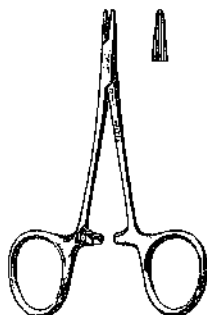


8-14
8-14A



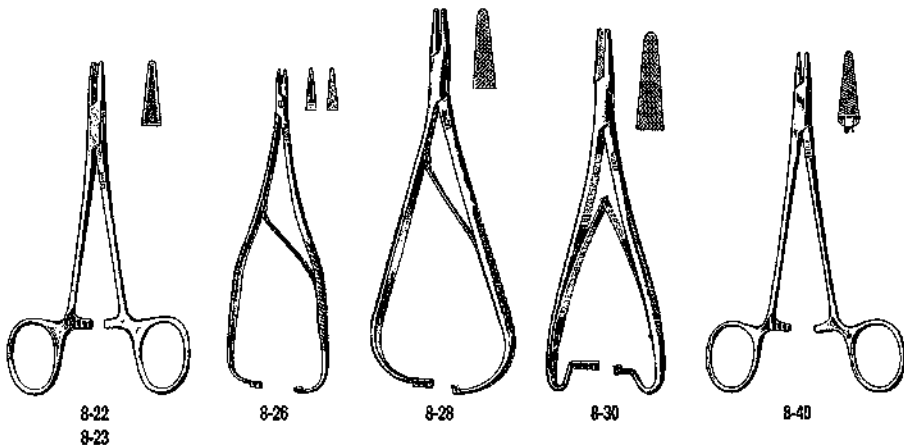
8-15
8-16

- 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** 4¼" (12.1 cm), Extra Delicate Pattern, serrated jaws
- 8-14A** 4¼" (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

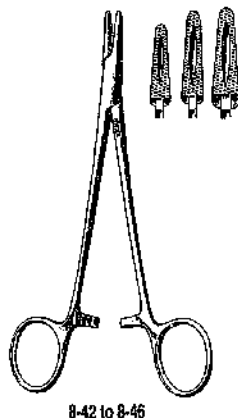


8-20

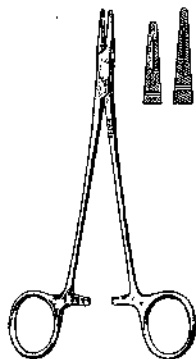
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



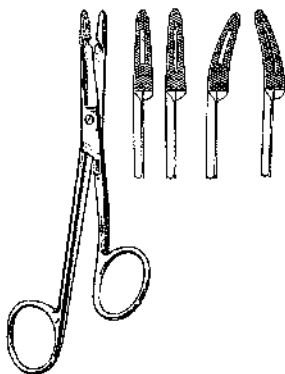
- 8-22 BROWN Needle Holder 5¼" (13.3 cm), convex jaws, fine serrations
- 8-23 BROWN Needle Holder 6¼" (17.1 cm), convex jaws, fine serrations
- 8-26 BOYNTON Needle Holder 5" (12.7 cm), delicate
- 8-28 MATHIEU Needle Holder 5½" (14 cm), with spring handles
- 8-30 MATHIEU Needle Holder 6¼" (15.9 cm), with spring handles
- 8-40 BAUMGARTNER Needle Holder 5½" (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-Sart Needle Holders with tungsten carbide inserts see pages 123 - 130



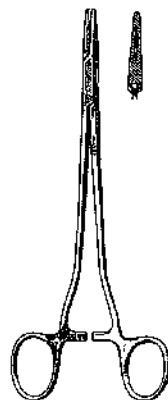
8-50
8-51



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 6 1/2" (16.5 cm), straight

8-59 GILLIES-SHEEHAN Needle Holder, with Suture Scissors 6 1/2" (16.5 cm), curved

8-94 CRILE Needle Holder 6" (15.2 cm)

8-96 SAROT Needle Holder 7 1/8" (18.1 cm), light model



17-1000



17-980
17-1010



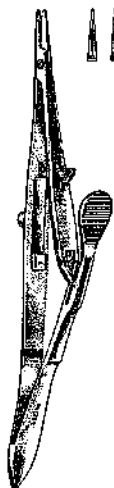
17-1020



17-1024
17-1025

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

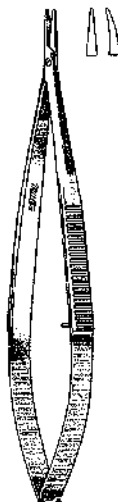
17-1000	5¼" (13.3 cm), curved jaws
17-980	7½" (18.1 cm), straight jaws
17-1010	7½" (18.1 cm), curved jaws
17-1020	5¼" (13.3 cm), curved jaws, with lock
17-1024	7½" (18.1 cm), straight jaws, with lock
17-1025	7½" (18.1 cm), curved jaws, with lock



18-1800



18-1810



18-1820

18-1824



18-1828

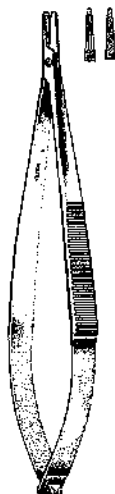
18-1832

- 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



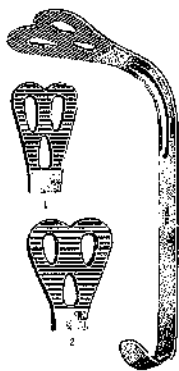
18-1838
18-1839



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

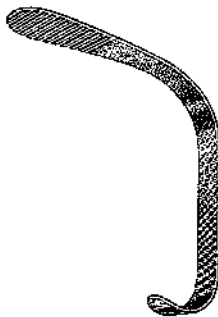
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



22-2
22-4



22-6



22-10



22-16



22-200

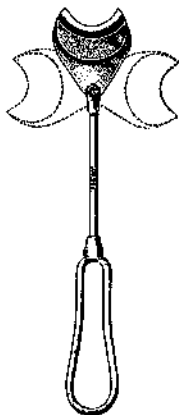
- 22-2** WIEDER Tongue Depressor, small blade 28 mm wide, serrated
- 22-4** WIEDER Tongue Depressor, large blade 36 mm wide, serrated
- 22-6** BOSWORTH Tongue Depressor, fenestrated blade 25 mm wide
- 22-10** ANDREWS Tongue Depressor, serrated blade 21 mm wide
- 22-16** Tongue Depressor 6 1/4" (17.1 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 1/2" (14 cm), double end 35 mm and 50 mm wide
- 22D-209** UNIVERSITY OF MINNESOTA Cheek Retractor 5 1/2" (14 cm), double end 14 mm and 20 mm wide



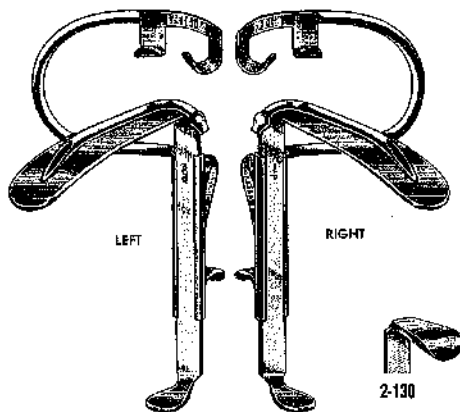
22D-202



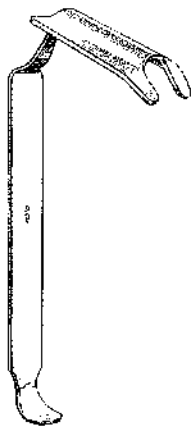
22D-209



22-210



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



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

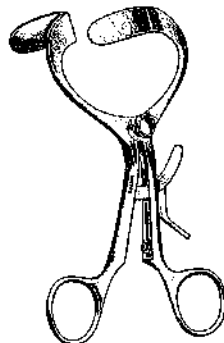
RING TONGUE RETRACTOR BLADES

For use with Davis or McIvor Mouth Gags.

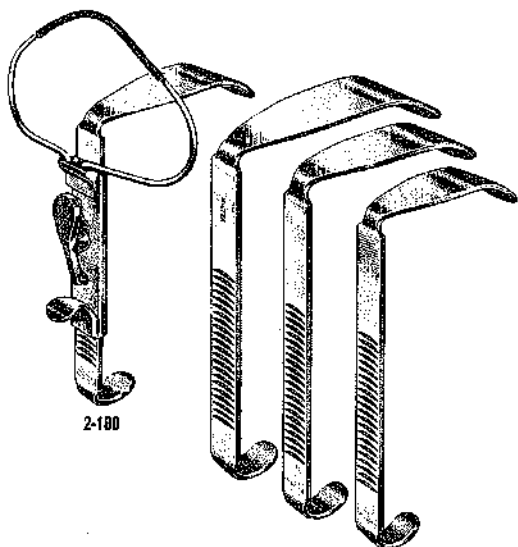
Grooved blade holds endotracheal tube firmly in place.

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 5½" (14.6 cm), complete with 3 tongue blades, one each Nos. 2-132, 2-134 and 2-136.

2-182 McIVOR Mouth Gag 5½" (14.6 cm), frame only

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

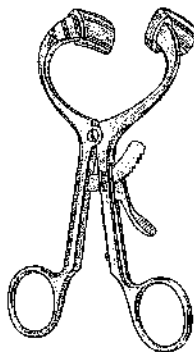
2-154 DENHARDT Mouth Gag 5¾" (14.6 cm), improved model, with grip lock

MOLT Mouth Gags
with silicone guards

63-10 Pediatric 4" (10.2 cm)

63-15 Child 4½" (11.4 cm)

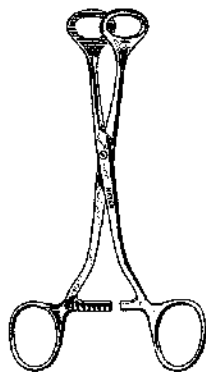
63-20 Adult 5½" (14 cm)



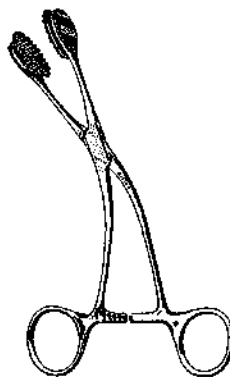
63-10 to 63-20



2-20



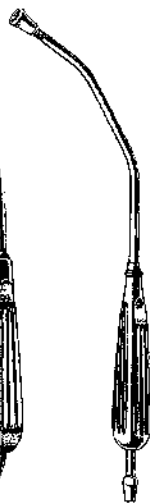
2-50



2-60
2-62



2-100



2-104
2-104SS

- 2-20 MAUNDER Oral Screw, white plastic
- 2-50 COLLIN Tongue Seizing Forceps 6¾" (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 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



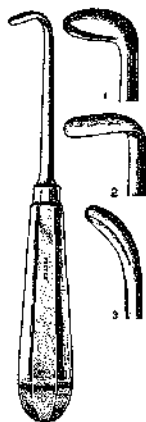
2-106
2-106SS



2-109



2-110
2-110SS



22-300 to 22-304



18-1968



5-316



5-318
5D-326

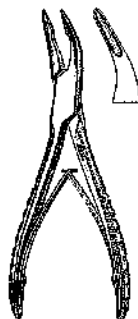
- 2-110** ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern, chrome
2-110SS ANDREWS-PYNCHON Suction Tube 10" (25.4 cm), delicate pattern
- 22-300** BLAIR Cleft Palate Elevator 7 3/4" (19.7 cm), L-Shape, blunt
22-302 BLAIR Cleft Palate Elevator 7 3/4" (19.7 cm), right angle, semi-sharp tip
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 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
- 9-106** LONG Oral Surgery Stitch Scissors 6" (15.2 cm)



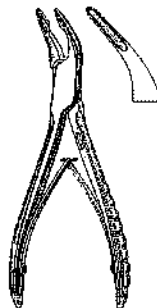
9-106



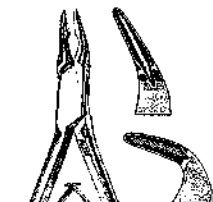
22D-420



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

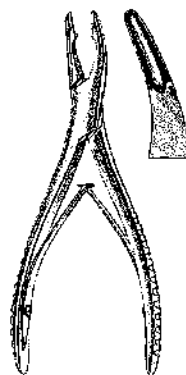
22D-424 Mini-BLUMENTHAL Oral Surgery Rongeur 4½" (11.4 cm), beaks at 45° angle

22-480 BLUMENTHAL Oral Surgery Rongeur 6" (15.2 cm), beaks at 30° angle

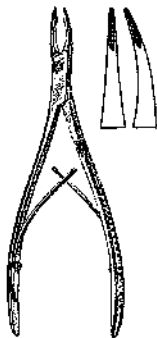
22-481 BLUMENTHAL Oral Surgery Rongeur 7" (17.8 cm), beaks at 30° angle

22-482 BLUMENTHAL Oral Surgery Rongeur 6" (15.2 cm), beaks at 90° angle

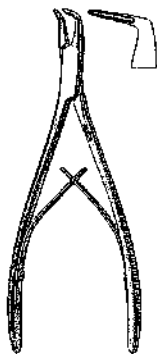
22-484 MEAD Oral Surgery Rongeur 6½" (16.5 cm), No. 1A pattern, slightly angled beaks



22-484



17-4800
17-4801



17D-4802



19-804



19-808

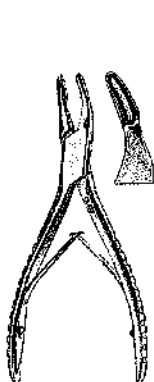
- 17-4800 Micro-FRIEDMAN Rongeur 5 1/2" (14 cm), straight 1.3 mm wide jaws, very delicate
- 17-4801 Micro-FRIEDMAN Rongeur 5 1/2" (14 cm), curved 1.3 mm wide jaws, very delicate
- 17D-4802 Micro-FRIEDMAN Rongeur 5 1/2" (14 cm), 90° angled 1.3 mm wide jaws, very delicate
- 19-804 HARTMAN Rongeur 5 3/4" (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 5 1/2" (14 cm), very delicate, slightly curved beaks



19-844



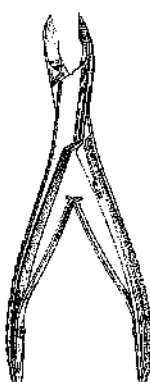
22-494



22-486
22-488



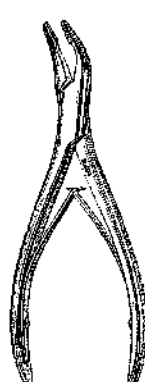
22-490



22D-426



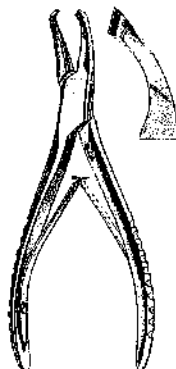
22D-428



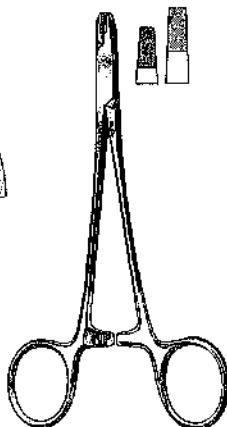
22D-432

- 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 6 1/2" (16.5 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



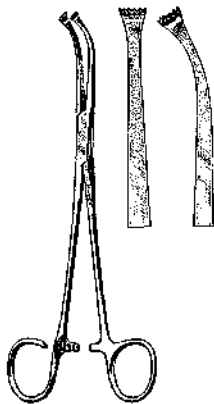
22-492



22-500TC
22-502TC



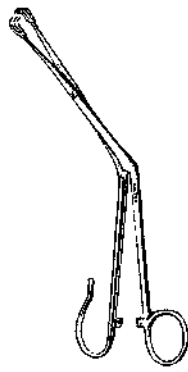
22-550
22-552



22-556
22-558

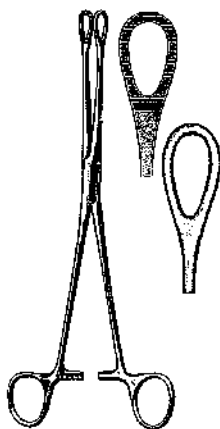


22-560

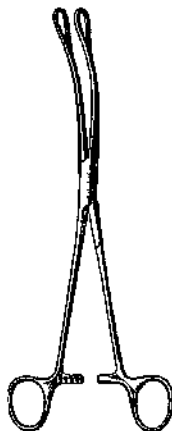


22-586

- 22-550 WHITE Tonsil Seizing Forceps 7 1/2" (19.1 cm), medium curve, open ring
- 22-552 WHITE Tonsil Seizing Forceps 9 1/2" (24.1 cm), medium curve, open ring
- 22-556 COLVER Tonsil Seizing Forceps 7 1/2" (19.1 cm), straight, open ring
- 22-558 COLVER Tonsil Seizing Forceps 7 1/2" (19.1 cm), medium curve, open ring
- 22-560 BALLENGER Tonsil Seizing Forceps 8 1/2" (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

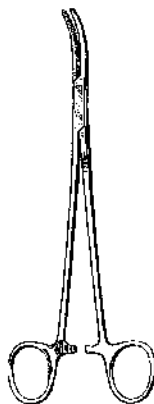


7-190

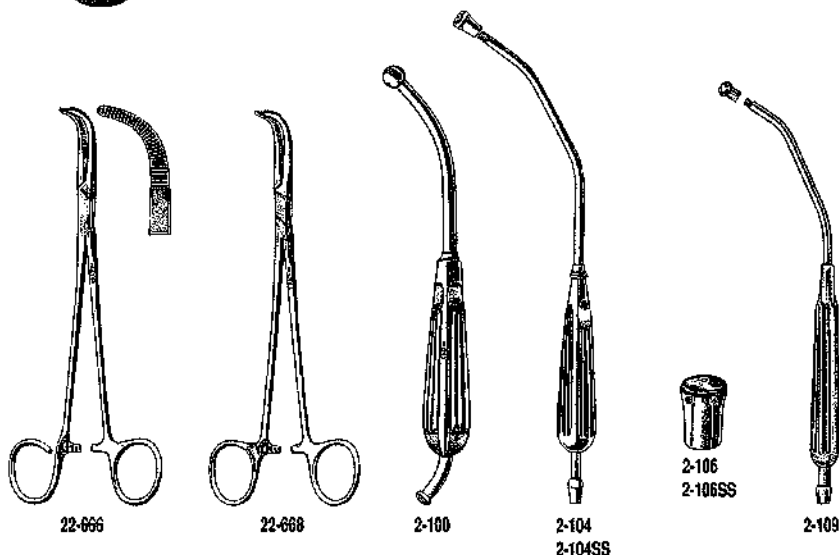


22-660

- 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

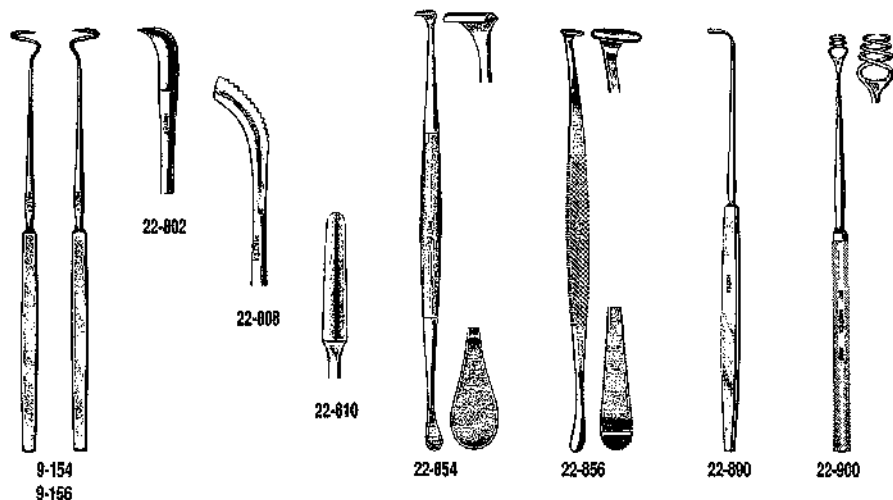


22-662

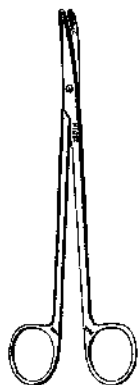


- 22-666** SAWTELL Tonsil Hemostatic Forceps 7½" (19.1 cm), full curve, open ring
- 22-668** SAWTELL Tonsil Hemostatic Forceps 7½" (19.1 cm), full curve, closed rings
- 2-100** PYNCHON Suction Tube 11" (27.9 cm), tip with large openings, with removable tubing connection, chrome
- 2-104** YANKAUER Suction 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



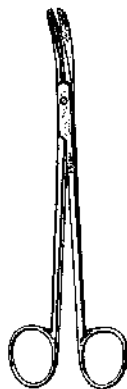
5-182



5-288



22-962



5-256



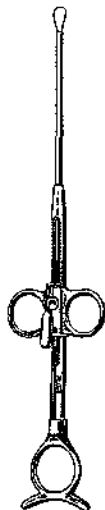
5-264

- 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 7 1/2" (19.1 cm), strong curve
- 5-256 BOETTCHER Tonsil Scissors 7 1/4" (18.4 cm), curved
- 5-264 DEAN Tonsil Scissors 6 3/4" (17.1 cm), blades angled on flat, one serrated blade

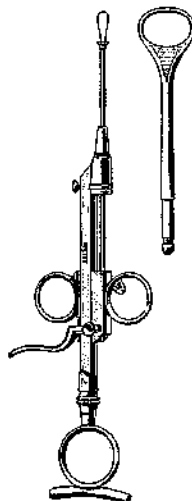
For Carb-N-Sert and SuperCut Metzenbaum Scissors see pages 57 and 61.



22-1000

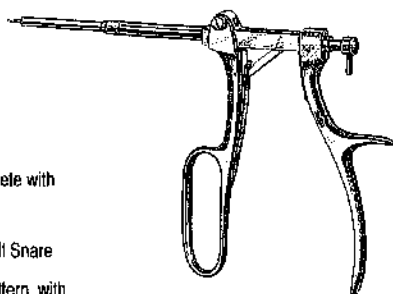


22-1002



22-1010 to 22-1020

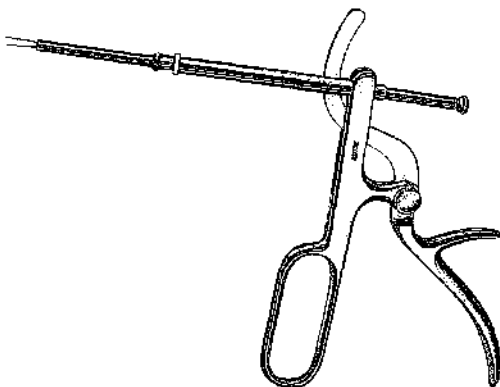
- 22-1000** EVE Tonsil Snare 11" (27.9 cm), standard model, without ratchet
- 22-1002** EVE Tonsil Snare 11" (27.9 cm), with ratchet
- 22-1010** BECK-SCHENCK Tonsil Snare 10" (25.4 cm), complete with one straight and one vedder tip
- 22-1016** Medium Vedder Tip, opening 23 x 19 mm
- 22-1020** Straight Tip 2½" (6.4 cm) for BECK-SCHENCK Tonsil Snare
- 22-1030** SAGE Automatic Ratchet Tonsil Snare, improved pattern, with removable straight tip



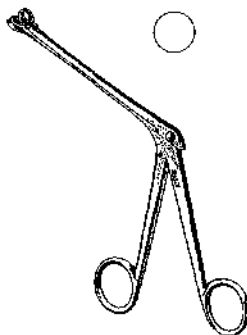
22-1030



Tonsil Instruments



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

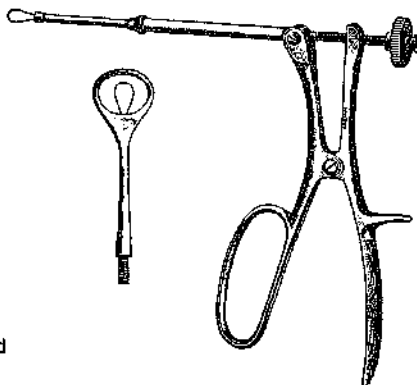
22-1060-6 Size 6 **22-1060-8** size 8

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

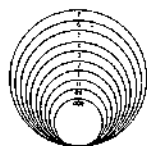


22-1070 to 22-1074

*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

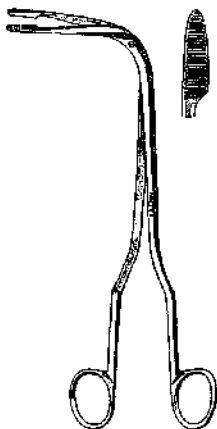
Complete with octagon threaded handle	Size No.	Diameter	Mirror only with threaded stem
23-1-000	000	10 mm	23-29-000
23-2-00	00	12 mm	23-30-00
23-4-0	0	14 mm	23-32-0
23-6-1	1	16 mm	23-34-1
23-8-2	2	18 mm	23-36-2
23-10-3	3	20 mm	23-38-3
23-12-4	4	22 mm	23-40-4
23-14-5	5	24 mm	23-42-5
23-16-6	6	26 mm	23-44-6
23-18-7	7	28 mm	23-46-7

23-60

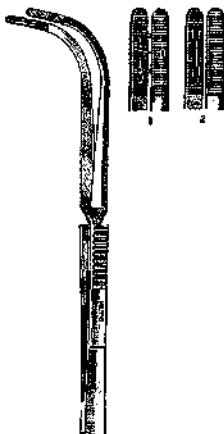
Octagon Threaded Handle for Laryngeal Mirrors

23-62

UNIVERSAL Chuck Handle for Laryngeal Mirrors, round, chrome



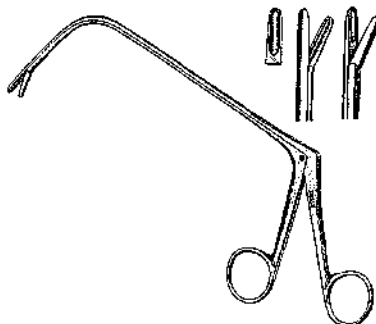
23-150



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



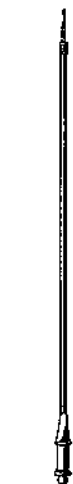
23-286



23-320
23-322



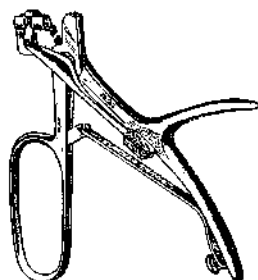
23-324
23-326



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



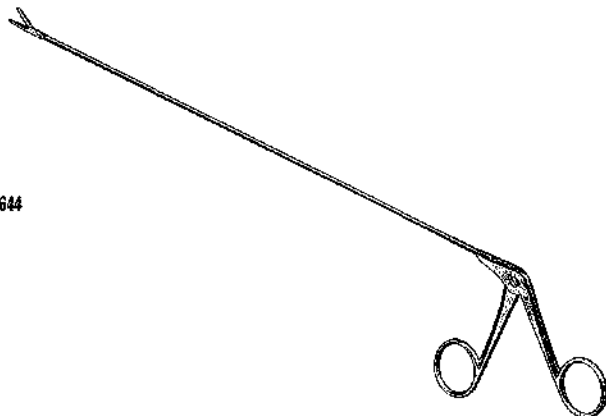
23-650



23-680 to 23-690



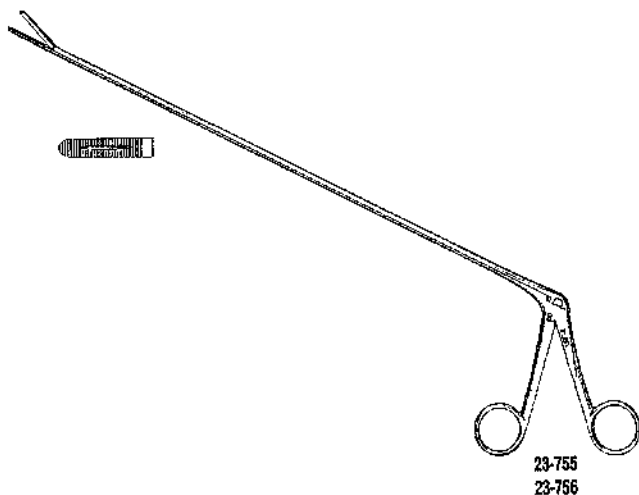
23-720



23-800 to 23-804

BRONCHOSCOPIC FORCEPS Double Articulated Jaws

- | | |
|--------|---|
| 23-600 | Serrated Grasping Jaws, 30 cm shaft, 4 mm pass diameter |
| 23-622 | KÄHLER 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

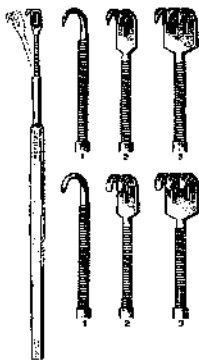


23-1051

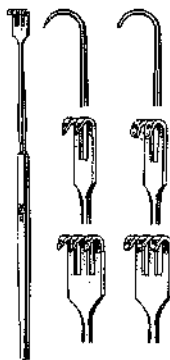
- 23-1047** LUKENS Trachea Retractor 6 $\frac{1}{2}$ " (17.1 cm), 10 mm wide curved and 7 mm wide angular blades
- 23-1048** HUPP Trachea Hook 6 $\frac{1}{2}$ " (16.5 cm), sharp point
- 23-1049** JACKSON Trachea Retractor 7" (17.8 cm), double end, 2 blunt prongs $\frac{5}{16}$ " (2.4 cm) wide, and solid blade $\frac{5}{8}$ " (1 cm) wide
- 23-1050** JACKSON Trachea Tenaculum 5 $\frac{1}{4}$ " (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" (16.2 cm), sharp, double end

11-76 SENN Retractor 6" (16.2 cm), blunt, double end

11-80 MATHIEU Retractor 6½" (16.5 cm), sharp, double end

11-81 MATHIEU Retractor 6½" (16.5 cm), blunt, double end

11-82 MEYERDING Skin Hook and Retractor 6¼" (15.9 cm), double end



11-80
11-81



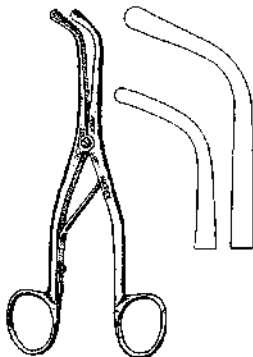
11-82



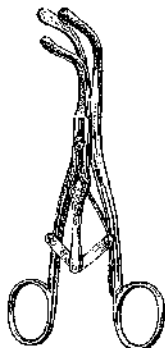
23-1060



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

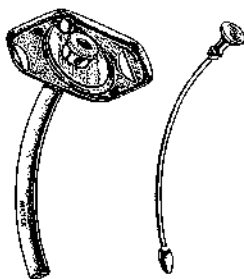
23-1430 LaBORDE Trachea Dilator 5½" (14 cm), three bladed

Tracheal Instruments

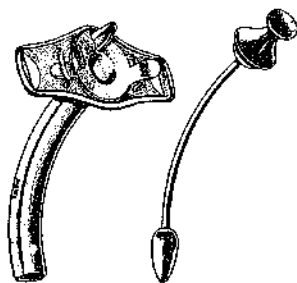


Size	Actual Size	O.D. mm	Cat. No. 23-1139SS to 23-1219SS	Cat. No. 23-1243SS to 23-1251SS	Cat. No. 23-1350SS to 23-1352SS	Cat. No. 23-1360ST and 23-1361ST
00		4	1-5/16" (33mm)			
0		5	1-1/2" (38mm)			
1		5.5	1-3/4" (44mm)			
2		6	2" (51mm)	1-3/4" (44mm)		
3		7	2-9/32" (58mm)	1-7/8" (48mm)		
4		8	2-7/16" (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

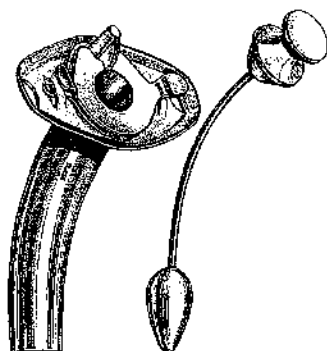
23-1199SS	Size 00	23-1210SS	Size 5
23-1200SS	Size 0	23-1212SS	Size 6
23-1202SS	Size 1	23-1214SS	Size 7
23-1204SS	Size 2	23-1216SS	Size 8
23-1206SS	Size 3	23-1218SS	Size 9
23-1208SS	Size 4	23-1219SS	Size 10

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)



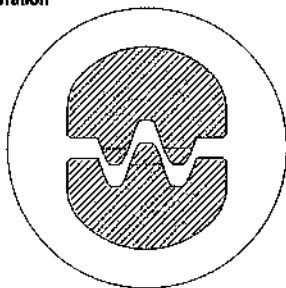
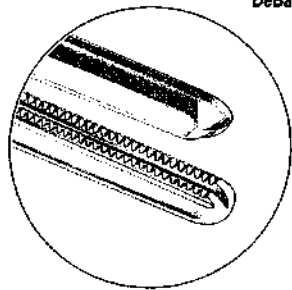
23-1600



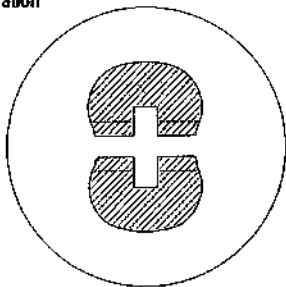
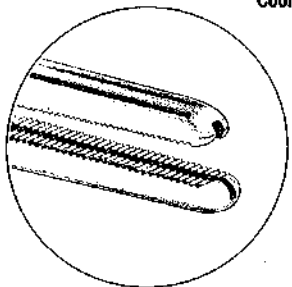
23-1602

Enlarged cross sections of our basic patterns:

DeBaKey type serration



Cooley type serration

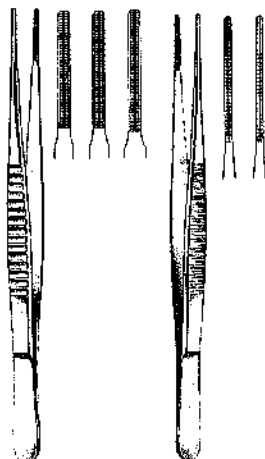


Manufactured in the Miltex tradition, these high quality instruments feature:

- 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

Miltex
XI

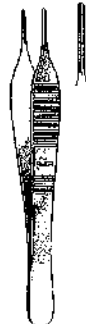


24-550 to 24-556

24-570 to 24-574



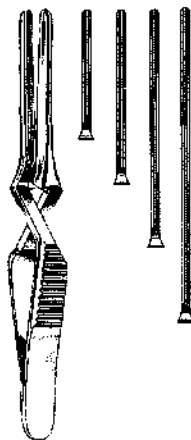
24-570XL



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)

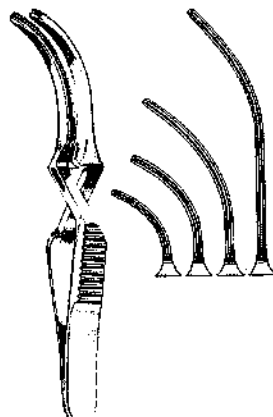
6-125 DeBAKEY-ADSON Tissue Forceps 4¾" (12.1 cm), 1.5 mm wide tips

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

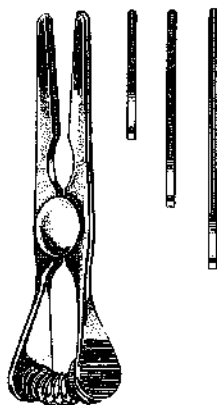
Straight	Size	Tips	Curved
24-600	7.5 cm	2 cm	24-650
24-602	8.5 cm	3 cm	24-652
24-604	10.5 cm	4.5 cm	24-654
24-606	12 cm	6 cm	24-656



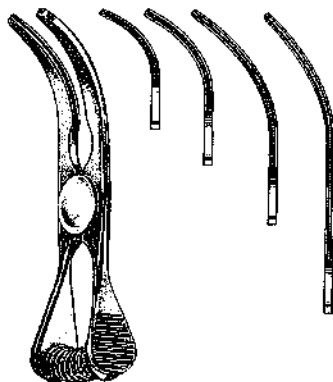
24-650 to 24-656



Atraumatic Forceps



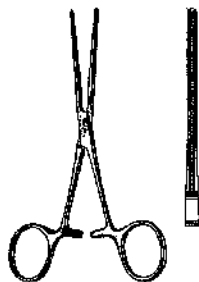
24-700 to 24-704



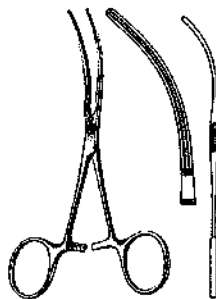
24-750 to 24-756

GLOVER BULLDOG CLAMPS, with Spring Tension Adjusting Screw

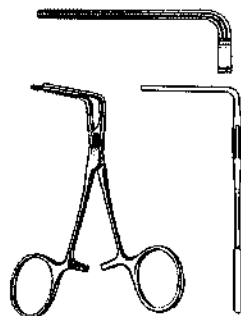
Straight	Size	Jaws	Curved
24-700	7 cm	2 cm	24-750
24-702	8 cm	2.5 cm	24-752
24-704	9 cm	4 cm	24-754
—	11 cm	6 cm	24-756



24-800



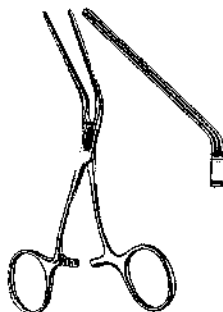
24-802



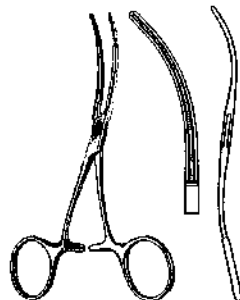
24-804

DeBAKEY RING HANDLED BULLDOG CLAMPS

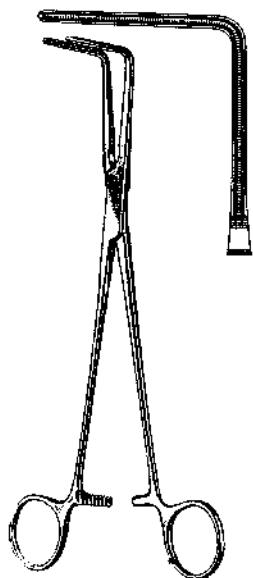
- 24-800 Straight 5" (12.7 cm)
- 24-802 Curved 4¾" (12.1 cm)
- 24-804 90° Angle 4" (10.2 cm)
- 24-806 45° Angle 4⅞" (12.4 cm)
- 24-808 S-Curved 4¾" (12.1 cm)



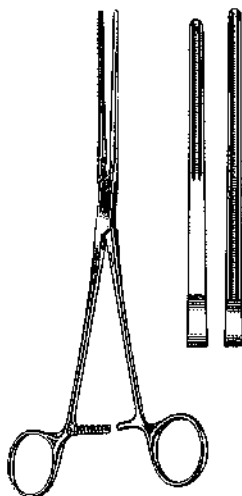
24-806



24-808

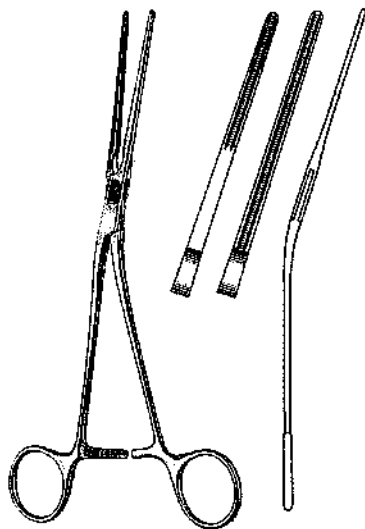


24-900



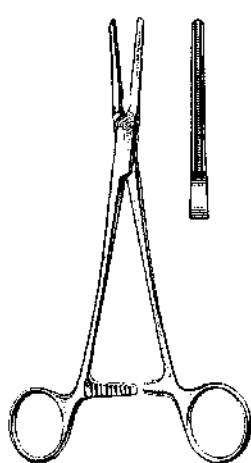
24-1000
24-1100

- 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

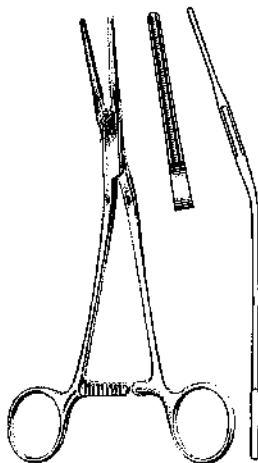


24-1002
24-1102

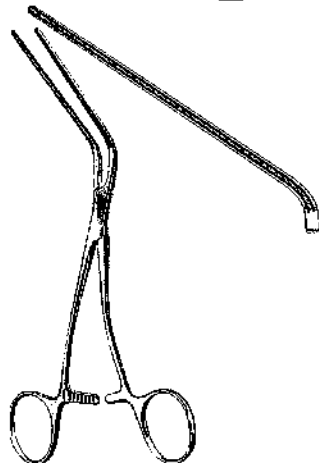
Atraumatic Forceps



24-1150



24-1152



24-1180

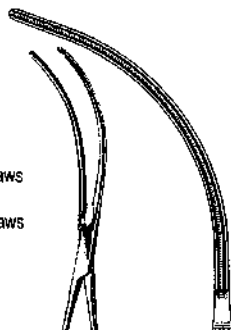
24-1150 DeBAKEY Patent Ductus and Peripheral Vascular Clamp 8" (20.3 cm) straight, 3 cm jaws

24-1152 DeBAKEY Patent Ductus and Peripheral Vascular Clamp 8" (20.3 cm) angular, 3 cm jaws

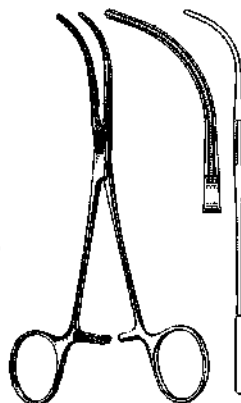
24-1180 DeBAKEY Peripheral Vascular Clamp 7" (17.8 cm), angled jaws 6.5 cm

24-1190 DeBAKEY Peripheral Vascular Clamp 8" (20.3 cm), S-Shaped

24-1200 DeBAKEY Peripheral Vascular Clamp 6" (15.2 cm), curved jaws



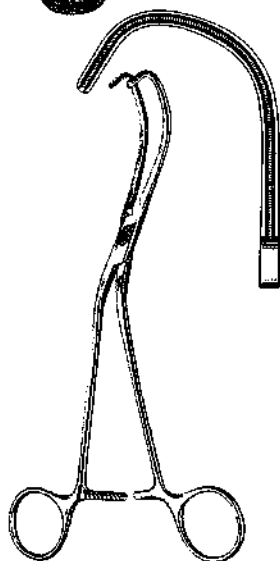
24-1190



24-1200



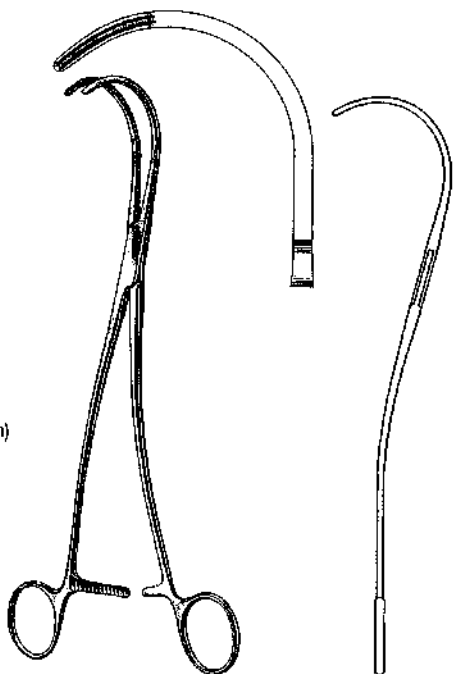
Atraumatic Forceps



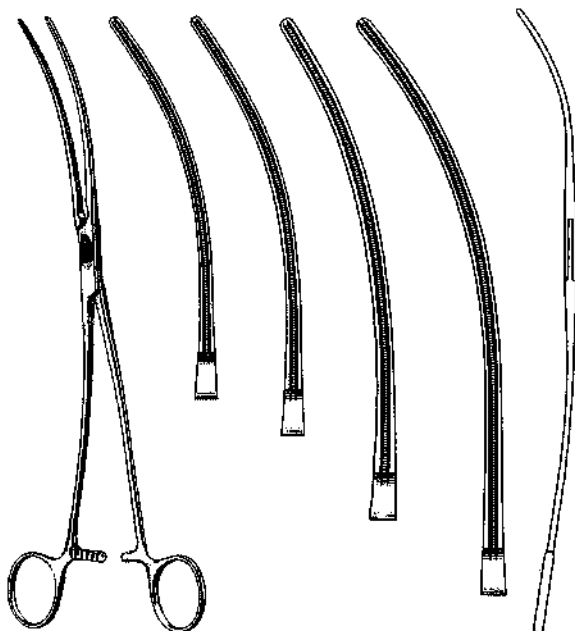
24-1250

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)

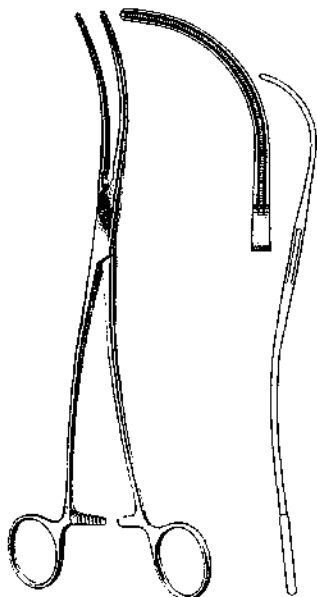


24-1300

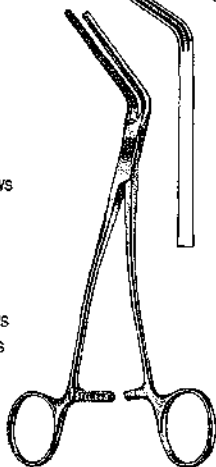
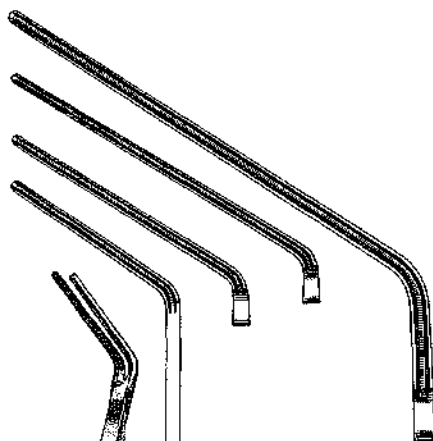


24-1400 to 24-1412

- | | |
|----------------|--|
| 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

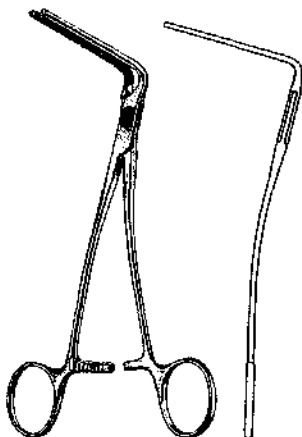
DeBAKEY MULTIPURPOSE CLAMPS,
OBTUSE ANGLE, 60°

24-1600 9½" (24.1 cm) long, 4 cm jaws

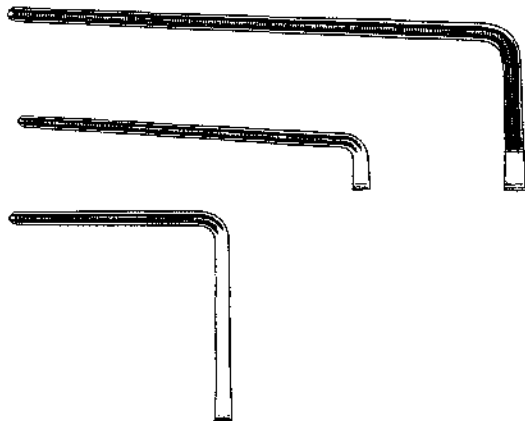
24-1602 8½" (21 cm) long, 5 cm jaws

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

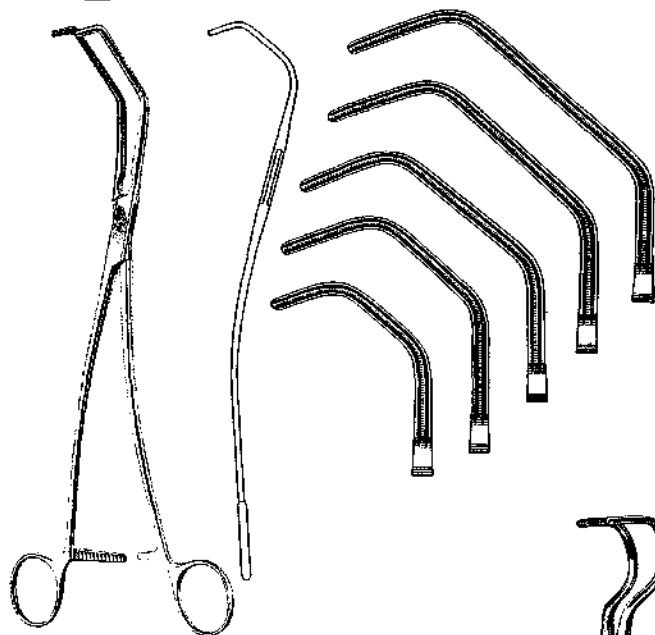


DeBAKEY MULTIPURPOSE CLAMPS, RIGHT ANGLE, 90°

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

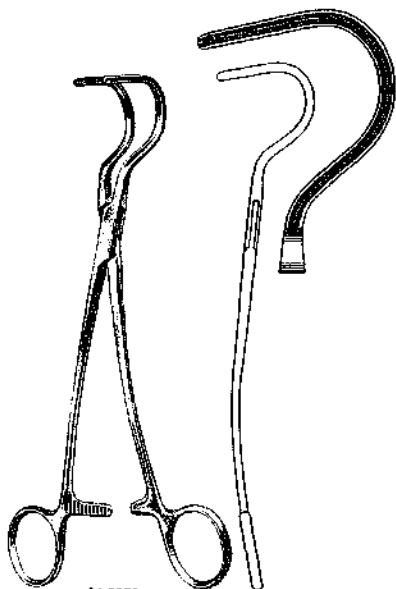


Atraumatic Forceps

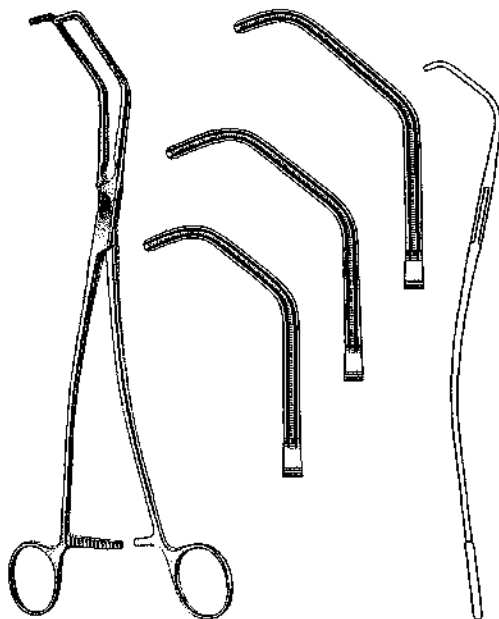


24-2000 to 24-2040

- 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 10 1/4" (26 cm)
- 24-2030 DeBAKEY Tangential Occlusion Clamp 10 1/2" (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



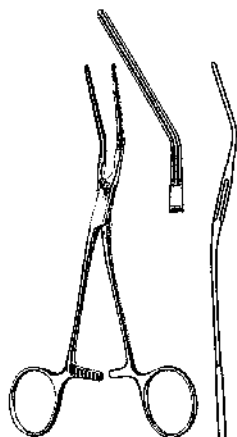
24-2050



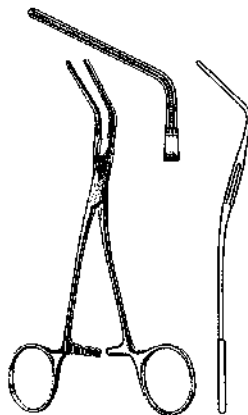
24-2100 to 24-2120

24-2500

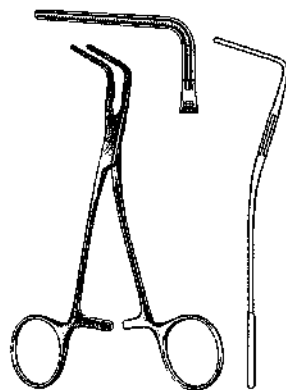
- | | |
|----------------|--|
| 24-2100 | SATINSKY-DeBAKEY Vascular Clamp for Vena Cava 9/4" (24.8 cm), small |
| 24-2110 | SATINSKY-DeBAKEY Vascular Clamp for Vena Cava 9/4" (24.8 cm), medium |
| 24-2120 | SATINSKY-DeBAKEY Vascular Clamp for Vena Cava 9/4" (24.8 cm), large |
| 24-2500 | COOLEY Pediatric Vascular Clamp for Anastomosis 6 1/2" (16.5 cm), with 5mm graduations on jaws |



24-2700

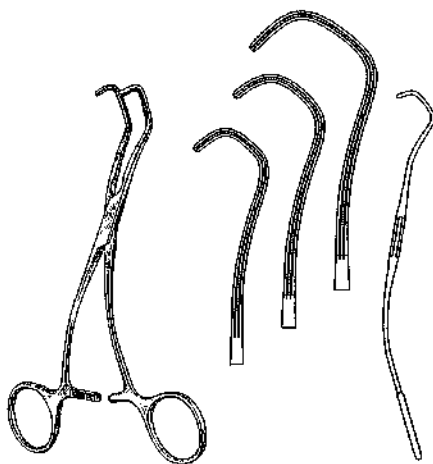


24-2710

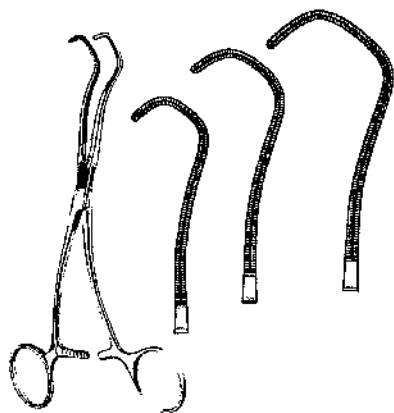


24-2720

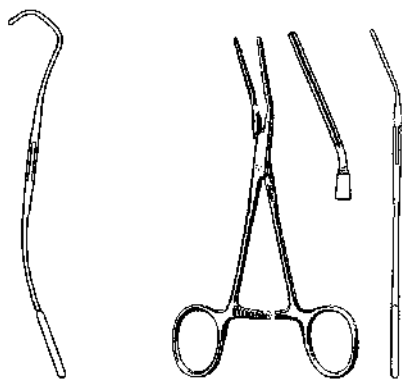
- 24-2700** DeBAKEY Pediatric Multi-Purpose Clamp
6½" (16.5 cm), angled 30°
- 24-2710** DeBAKEY Pediatric Multi-Purpose Clamp
6" (15.2 cm), angled 60°
- 24-2720** DeBAKEY Pediatric Multi-Purpose Clamp
5½" (14 cm), angled 90°
- 24-2960** DeBAKEY-DERRA Vascular Clamp for
Anastomosis 6¼" (15.9 cm), small 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



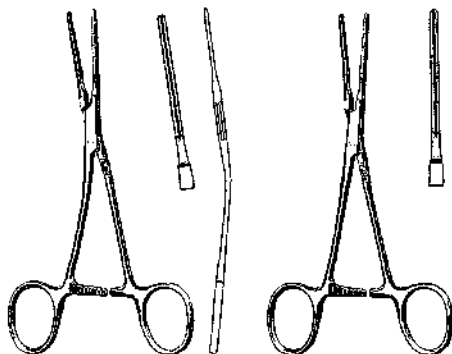
24-3200

COOLEY-DERRA Pediatric Vascular Clamps for Anastomosis 6½" (16.5 cm)

- 24-3000 small
- 24-3010 medium
- 24-3020 large

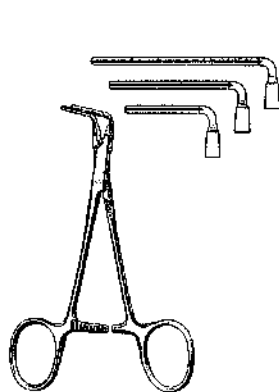
COOLEY Pediatric Vascular Clamps 5½" (14 cm)
5 mm calibrations on outer sides of jaws

- 24-3200 angled jaws 25 mm, straight handles
- 24-3210 straight jaws 25 mm, angled handles
- 24-3220 straight jaws 25 mm, straight handles

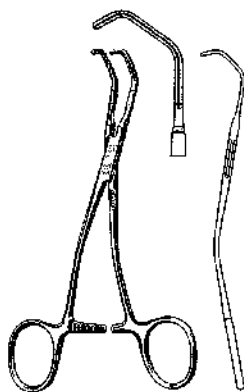


24-3210

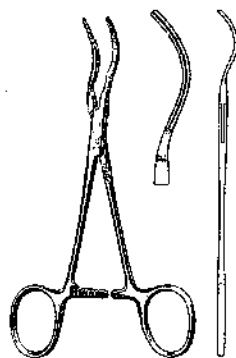
24-3220



24-3230 to 24-3250



24-3260



24-3270

COOLEY CLAMPS Pediatric Vascular Clamps,
5 mm calibrations on outer sides of jaws 4 1/2" (12.1 cm)

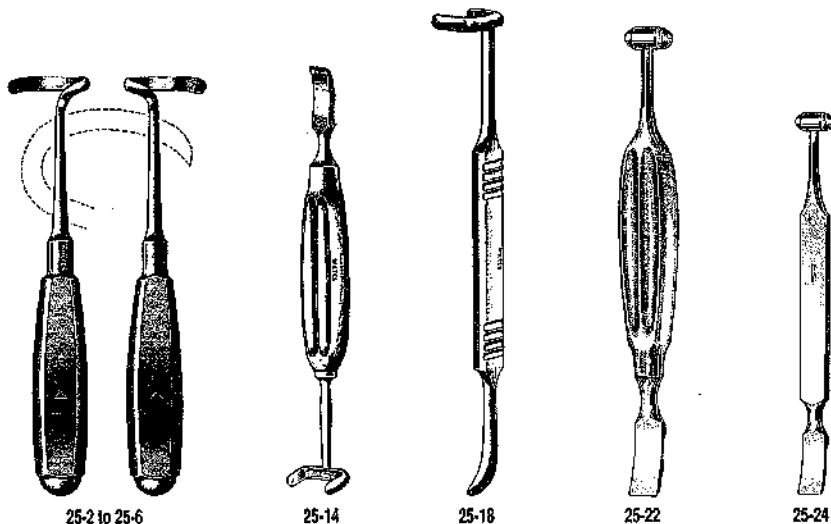
24-3230 right angle jaws 17 mm, straight handles

24-3240 right angle jaws 25 mm, straight handles

24-3250 right angle jaws 35 mm, straight handles

24-3260 COOLEY-SATINSKY Clamp 5 1/2" (14 cm)

24-3270 COOLEY Spoon Shape Clamp 5 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 8 3/4" (22.2 cm)

25-18 MATSON Rib Elevator and Stripper 8 3/4" (22.2 cm)

25-22 ALEXANDER-FARABEUF Periosteotome 8 1/4" (21 cm), standard size, 12 mm and 24 mm wide ends

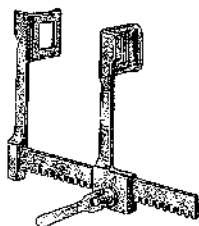
25-24 ALEXANDER-FARABEUF Periosteotome 6" (15.2 cm), pediatric size, 10 mm and 14 mm wide ends



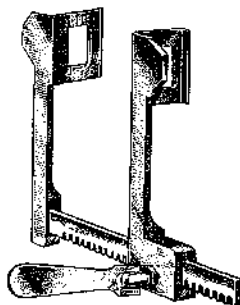
Thoracic and Cardiovascular Instruments



25-28



25-98

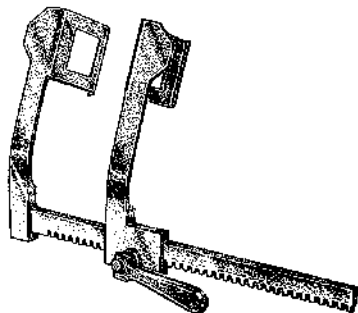


25-100 to 25-106

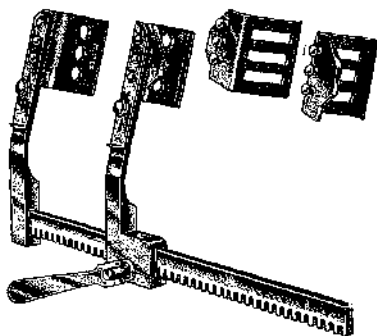
- 25-28** SEDILLOT Periosteal Elevator 7½" (19.1 cm), blade 17 mm wide
- 25-98** FINOCHIETTO-DeBAKEY Infant Rib Spreader, blades 19 mm deep x 21 mm wide, 85 mm spread, light construction

FINOCHIETTO RIB SPREADERS, Original Model

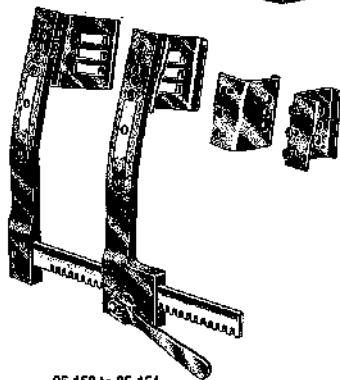
- 25-100** Child Size, blades 38 mm deep x 45 mm wide, 6" (15.2 cm) spread, straight arms
- 25-102** Standard Size, blades 48 mm deep x 65 mm wide, 8" (20.3 cm) spread, straight arms
- 25-104** Standard Size, blades 48 mm deep x 65 mm wide, 10" (25.4 cm) spread, straight arms
- 25-106** Standard Size, 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



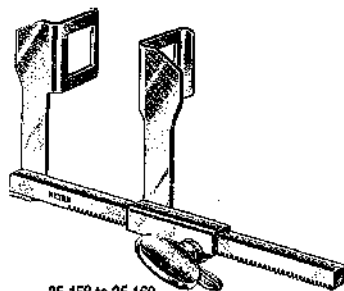
25-130 to 25-134



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
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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

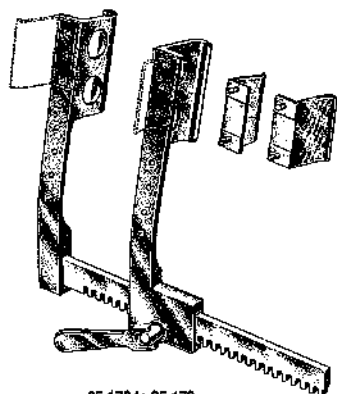
25-150	8" (20.3 cm) Spread	25-152	10" (25.4 cm) Spread	25-154	12" (30.5 cm) Spread
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25-158	HAIGHT Baby Rib Spreader, 6.5 cm arms, 32 x 32 mm blades, 11 cm spread
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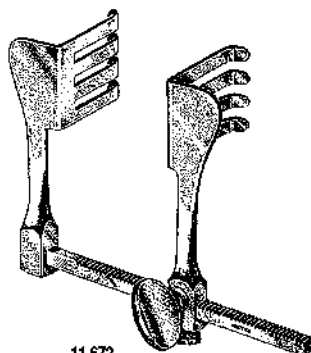
25-160	HAIGHT Baby Rib Spreader, 9 cm arms, 32 x 32 mm blades, 11 cm spread
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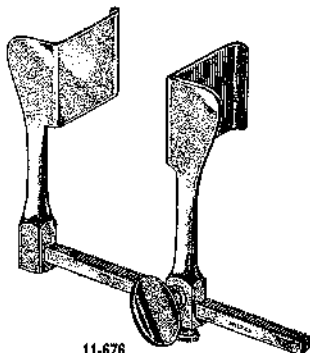
Thoracic and Cardiovascular Instruments



25-170 to 25-172



11-672



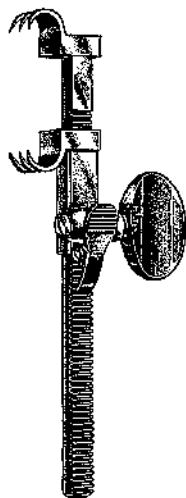
11-676

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

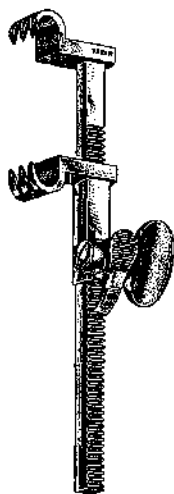
25-170 8" (20.3 cm) Spread **25-172** 10" (25.4 cm) Spread

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

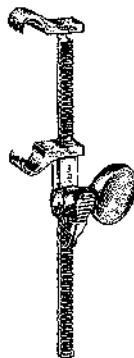
11-676 **TUFFIER** Rib Spreader, 2" (5.1 cm) x 1 1/4" (4.4 cm), grooved
blades, 6 1/2" (16.5 cm) spread



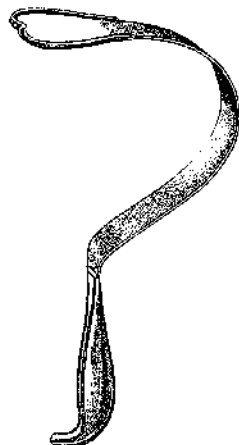
25-200



25-202



25-204

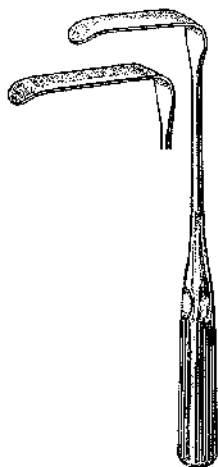


11-314 to 11-318

- 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



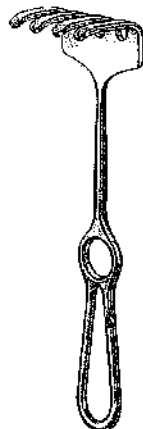
25-272
25-274



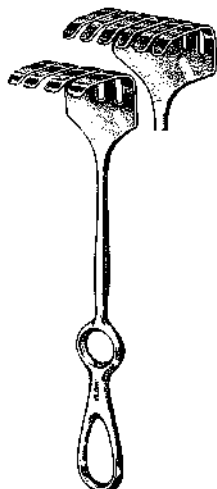
11-246 to 11-249



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

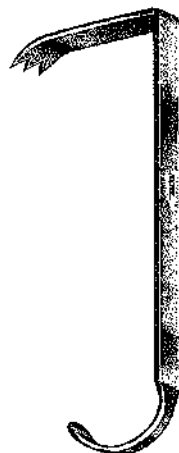
11-246	1" (2.5 cm) x $\frac{3}{4}$ " (1.9 cm)	11-250
11-247	1 $\frac{1}{4}$ " (3.2 cm) x 1" (2.5 cm)	11-252
11-248	1 $\frac{1}{2}$ " (3.8 cm) x 1 $\frac{1}{2}$ " (3.8 cm)	11-254
11-249	2" (5.1 cm) x $\frac{3}{4}$ " (1.9 cm)	11-256

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 $1\frac{1}{4}$ " (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

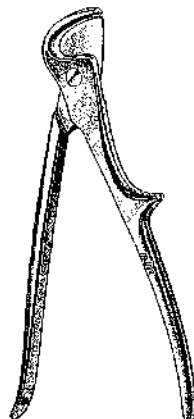
25-302 ALLISON Lung Retractor 12¾" (32.4 cm), standard size 2" (5.1 cm) wide blade

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)

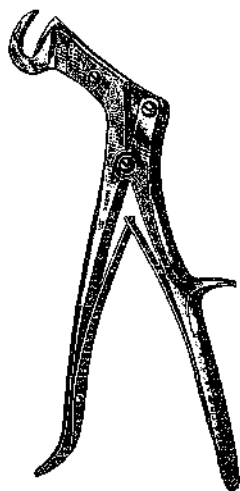
25-362 STILLE Pattern Rib Shears 8½" (21.6 cm)



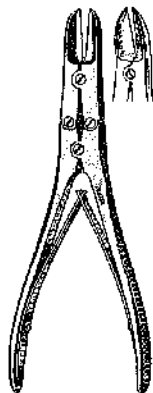
25-362



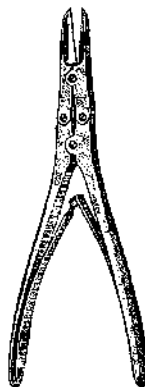
Thoracic and Cardiovascular Instruments



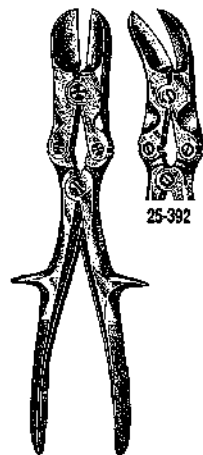
25-378



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 7 1/2" (19.1 cm), straight standard blades

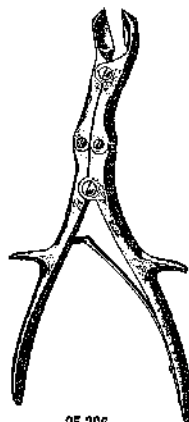
25-385 RUSKIN Bone Cutting Forceps 7 1/2" (19.1 cm), slightly angled standard blades

21-628 RUSKIN Bone Cutting Forceps 7 1/2" (19.1 cm), straight delicate blades

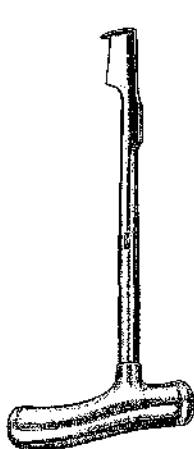
25-390 STILLE-LISTON Bone Cutting Forceps 10 3/4" (27.3 cm), straight

25-392 STILLE-LISTON Bone Cutting Forceps 10 3/4" (27.3 cm), curved

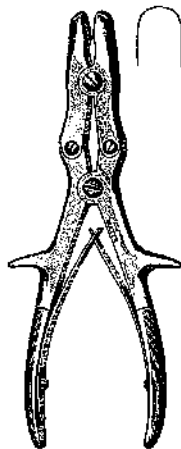
25-396 STILLE-HORSLEY Bone Cutting Forceps 10 1/2" (26.7 cm), angled blades



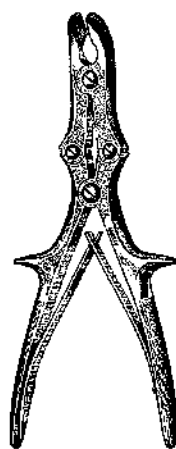
25-396



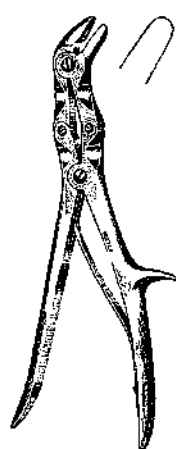
25-440



25-454



25-456



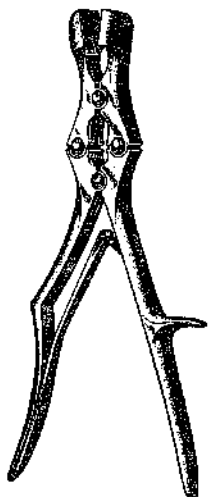
25-458

25-440 LEBSCHKE Sternum Knife 10" (25.4 cm)

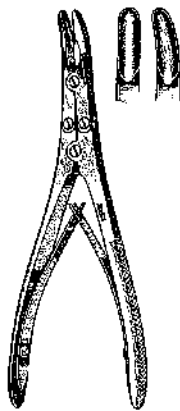
25-454 STILLE-LUER Rongeur, 8 3/4" (22.2 cm), straight jaws 9 x 15 mm

25-456 STILLE-LUER Rongeur, 8 3/4" (22.2 cm), curved jaws 9 x 15 mm

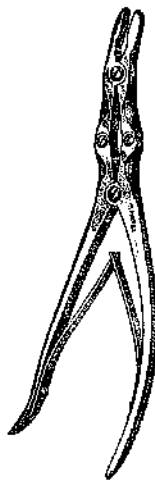
25-458 STILLE-LUER Duckbill Rongeur, 9" (22.9 cm), angled on side jaws 6 x 12 mm



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

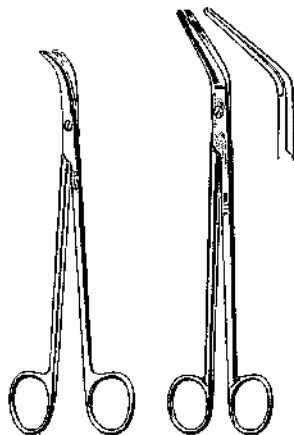
- 5-202 HARRINGTON (WILLAUER) Lobectomy Scissors 11 1/2" (29.2 cm), curved

- 5-243 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

- 5-260 SWEET Esophageal Scissors 8 1/2" (21.6 cm), angled on flat

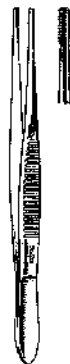


5-244
5-245

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

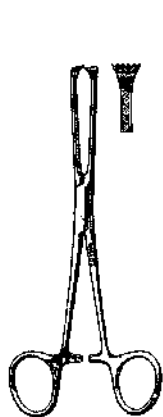
6-204 KELLY Tissue Forceps 9" (22.9 cm), 3 x 4 teeth, slotted Gutch handle

6-210 MAYO-RUSSIAN Tissue Forceps 9" (22.9 cm), fenestrated jaws, slotted grooved handles

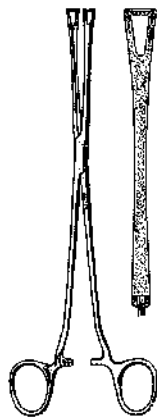
6-212 DAVIS Tissue Forceps 10" (25.4 cm), Russian type jaws

6-214 SINGLEY (TUTTLE) Tissue Forceps 9" (22.9 cm), fenestrated serrated jaws

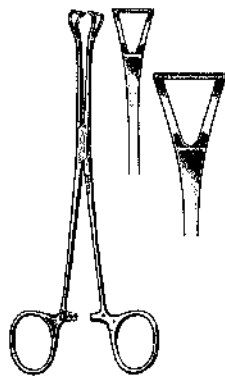
16-80 WANGENSTEEN Tissue Forceps 9" (22.9 cm), rounded jaws with fine cross serrations



16-12



16-40



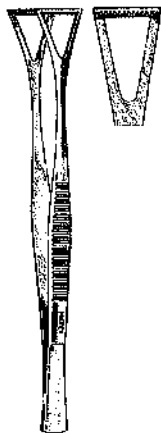
16-46

16-48

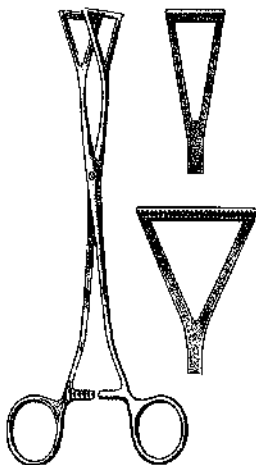


16-56

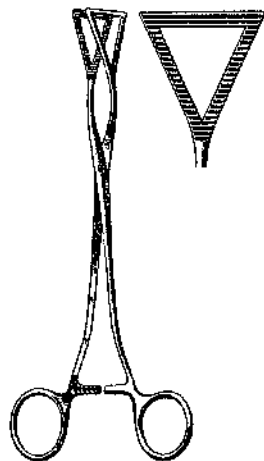
- | | |
|-------|--|
| 16-12 | ALLIS Tissue Forceps 10" (25.4 cm), 5 x 6 teeth |
| 16-40 | LOCKWOOD Tissue Forceps 7¾" (19.7 cm) |
| 16-46 | BABCOCK Tissue Forceps 8¼" (21 cm) |
| 16-48 | BABCOCK Tissue Forceps 9½" (24.1 cm) |
| 16-56 | WILLIAMS Tissue Forceps 6½" (16.5 cm), fenestrated jaws with cross serrated tips |



16-72

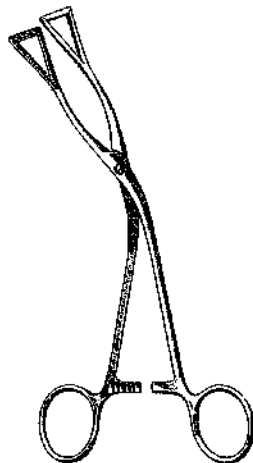


16-52
16-54
25-754

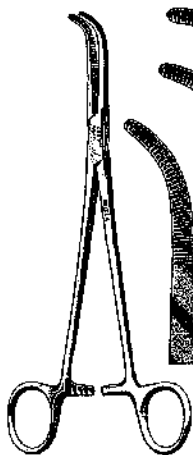


25-760

- 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



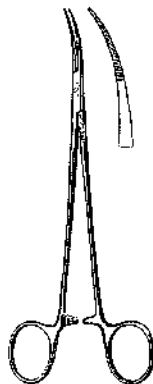
14-66



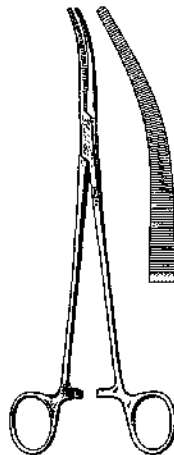
25-782 to 25-786



7-250 to 7-254



17-2603



25-800

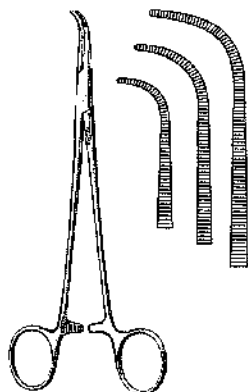
- 25-782 RUMEL Thoracic Forceps 9" (22.9 cm), medium curve, 2 $\frac{3}{8}$ " (6.1 cm) long jaws
- 25-784 RUMEL Thoracic Forceps 9" (22.9 cm), full curve, 2 $\frac{3}{8}$ " (6.1 cm) long jaws
- 25-786 RUMEL Thoracic Forceps 9" (22.9 cm), angular, 2 $\frac{3}{8}$ " (6.1 cm) long jaws

- 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

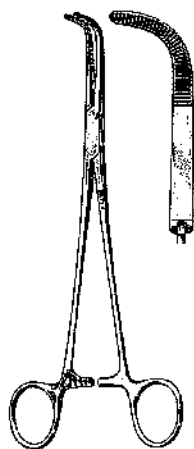
- 17-2603 JACOBSON Forceps 7" (17.8 cm), curved, extremely delicate

- 25-800 SAROT Intra-Thoracic Artery Forceps 9 $\frac{1}{2}$ " (24.1 cm), with 2 $\frac{1}{2}$ " (6.4 cm) long jaws

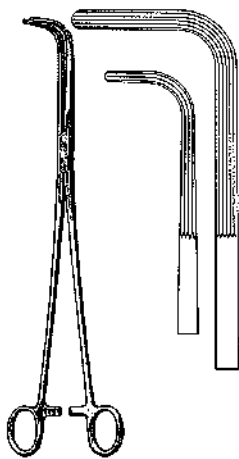
- 7-255 GEMINI-MIXTER Thoracic Forceps 5 $\frac{1}{2}$ " (14 cm), delicate full curved jaws
- 7-256 GEMINI-MIXTER Thoracic Forceps 7" (17.8 cm), delicate full curved jaws
- 7-257 GEMINI-MIXTER Thoracic Forceps 8" (20.3 cm), delicate full curved jaws
- 7-258 GEMINI-MIXTER Thoracic Forceps 9" (22.9 cm), delicate full curved jaws
- 7-259 GEMINI-MIXTER Thoracic Forceps 11" (27.9 cm), delicate full curved jaws



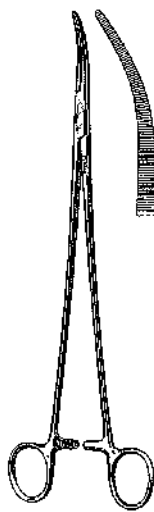
7-255 to 7-259



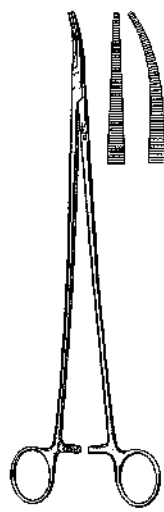
7-206



25-812
25-814

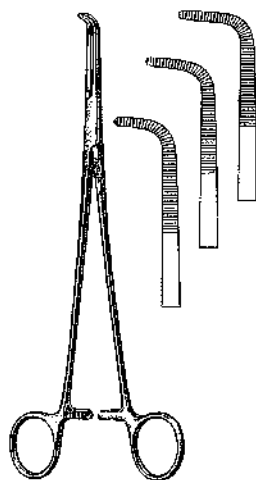


25-821

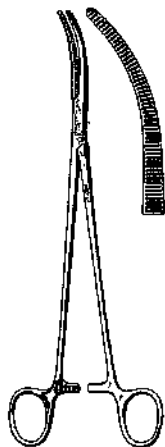


25-834
25-835

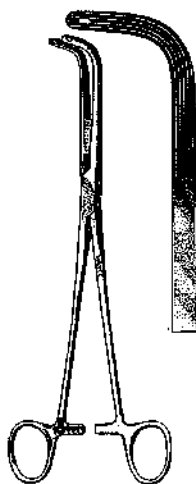
- 7-206** MIXTER Thoracic Forceps 9" (22.9 cm), full curved jaws, horizontal serrations
- 25-812** MIXTER Thoracic Forceps 9" (22.9 cm), right angle jaws, longitudinal serrations
- 25-814** MIXTER Thoracic Forceps 11" (27.9 cm), right angle jaws, longitudinal serrations
- 25-821** MILTEX Artery and Undermining 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



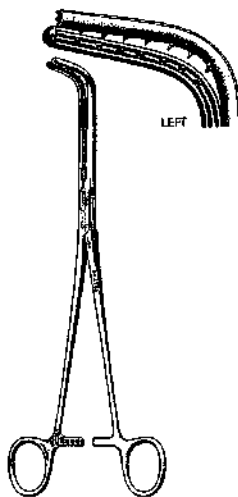
25-836 to 25-838



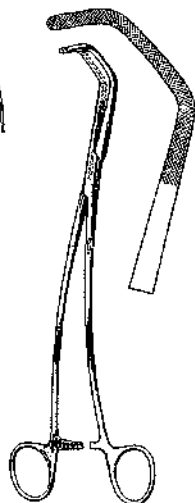
25-840



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 9½" (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 10¾" (27.3 cm), inside jaw length 32 mm x 9 mm depth

25-1104 SATINSKY Vascular Clamp for Vena Cava 10¾" (27.3 cm), inside jaw length 50 mm x 13 mm depth

25-1108 SATINSKY Vascular Clamp for Vena Cava 6½" (27.3 cm), pediatric size, inside jaw length 32 mm x 7 mm depth

25-1160 CRAFOORD Coarctation Clamp 9½" (24.1 cm), slightly curved jaws 65 mm with longitudinal serrations



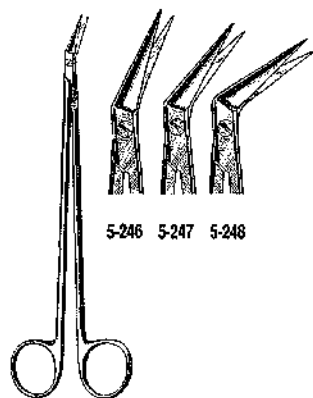
25-1104
25-1108



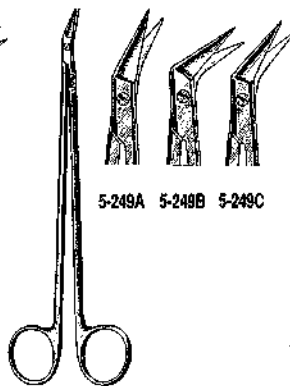
25-1160



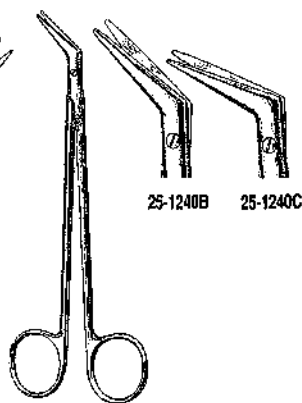
Thoracic and Cardiovascular Instruments



5-246 5-247 5-248

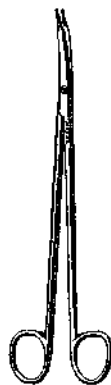


5-249A 5-249B 5-249C



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



25-1280



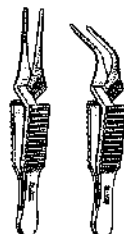
6-154 to 6-159



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 8 1/4" (21 cm), serrated
- 6-158 POTTS-SMITH Dressing Forceps 9 1/2" (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 lips
- 6-162 POTTS-SMITH Tissue Forceps 8 1/4" (21 cm), 1 x 2 teeth and serrated lips
- 6-164 POTTS-SMITH Tissue Forceps 9 1/2" (24.1 cm), 1 x 2 teeth and serrated lips
- 6-164A POTTS-SMITH Tissue Forceps 12" (30.5 cm), 1 x 2 teeth and serrated lips

JOHNS HOPKINS BULLDOG CLAMPS

Straight	Size	Curved
7-280	1 1/2" (3.8 cm)	7-290
7-282	2" (5.1 cm)	7-292
7-284	2 1/2" (6.4 cm)	7-294
7-286	3" (7.6 cm)	7-296
7-288	3 1/2" (8.9 cm)	7-298

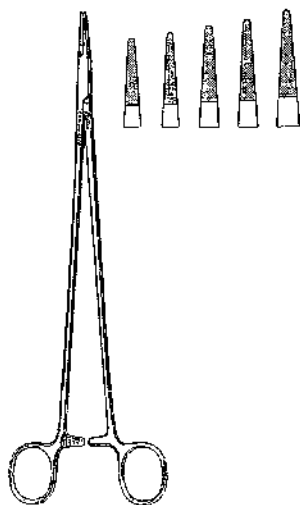
- 7-310 DIETHRICH Micro Bulldog Clamp 1 1/8" (4.7 cm), straight jaws 8 mm x 1.2 mm
- 7-315 DIETHRICH Micro Bulldog Clamp 1 1/8" (4.7 cm), angled jaws 8 mm x 1.2 mm
- 25-1420 Bulldog Clamp Applying Forceps 9 1/2" (24.1 cm)



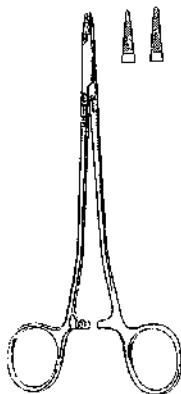
25-1420



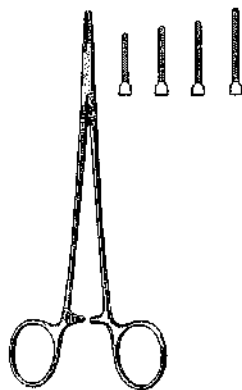
Thoracic and Cardiovascular Instruments



8-51TC to 8-57TC

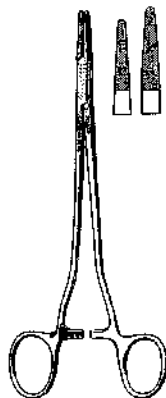


8-62TC
8-63TC

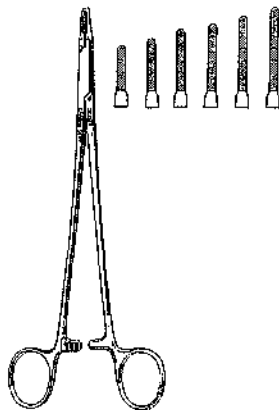


8-65TC to 8-69TC

- | | |
|---------------|--|
| 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

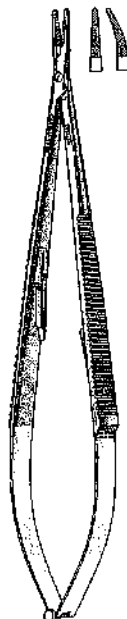


8-101TC to 8-107TC



8-134TC

- 8-96TC** SAROT Needle Holder 7 1/4" (18.4 cm), serrated Carb-N-Sert jaws 2600 teeth p. sq. inch
- 8-114TC** SAROT Needle Holder 10 1/2" (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 10 1/4" (26 cm), serrated Carb-N-Sert jaws 4000 teeth p. sq. inch
- 8-134TC** WANGENSTEEN Needle Holder 10 3/4" (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 8 1/2" (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

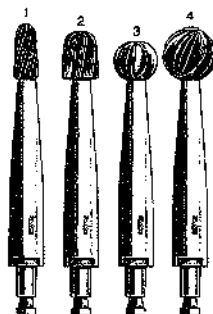
26-16 McKENZIE Perforator Drill, 13 mm diameter

26-18 McKENZIE Enlarging Bur, 16 mm diameter

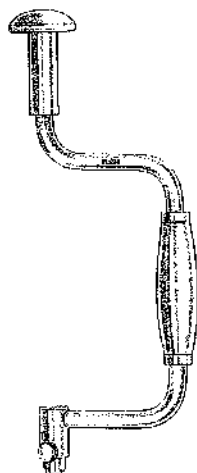
26-20 D'ERRICO Perforator and Enlarging Bur, 16 mm diameter

Above Burs and Drills will fit Hudson Braces

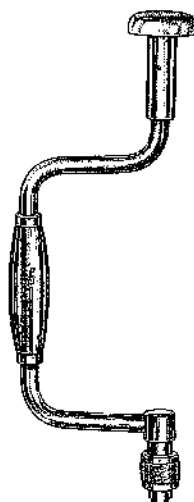
26-24 HUDSON Cerebellar Extension 4" (10.2 cm), for use with Hudson Braces



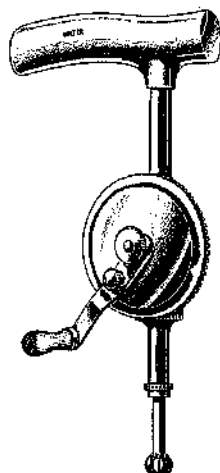
26-33-1 to 26-33-4



26-30
26-32



26-35



26-40
26-42

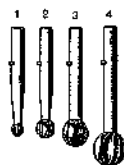
- 26-33-1 HUDSON Bur, 9 mm diameter
 26-33-2 HUDSON Bur, 14 mm diameter
 26-33-3 HUDSON Bur, 16 mm diameter
 26-33-4 HUDSON Bur, 22 mm diameter
- 26-30 HUDSON Brace Set, standard thumbscrew chuck, complete with 4 Burs (1 ea. Nos. 26-33-1 through 4)
 26-32 HUDSON Brace 10½" (26.7 cm), with standard thumbscrew 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

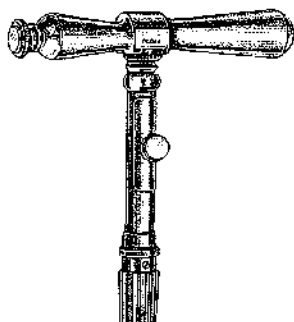
Replacement Points for Stille Pattern Drills

Twist Drills

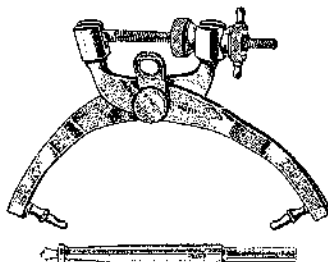
- 26-44-1 2.5 mm
 26-44-2 3 mm
 26-44-3 3.5 mm
 26-44-4 4 mm
 26-48 Trephine 10 mm dia.

Round Burs

- 26-46-1 4 mm
 26-46-2 6 mm
 26-46-3 11 mm
 26-46-4 16 mm



26-28A to 26-28E



26-60
26-62



11-2

GALT SKULL TREPHINES, with Removable Handle For Use With Hudson Brace (26-60), 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.		

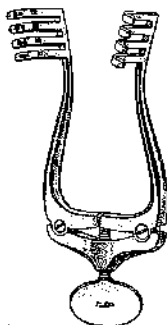
26-60 RANEY-CRUTCHFIELD Skull Traction Tong 120 mm spread, incl. 2 drill points

26-62 RANEY-CRUTCHFIELD Drill Point

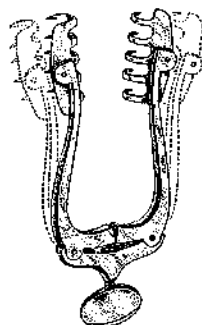
11-2 JANSEN Retractor 4 1/4" (10.8 cm), spread 3" (7.6 cm), 3 x 3 blunt prongs, 10 mm deep

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



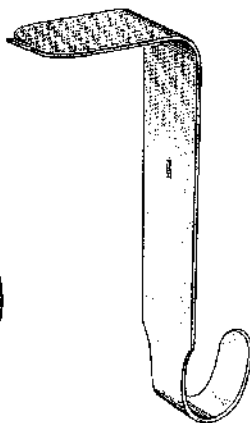
11-4



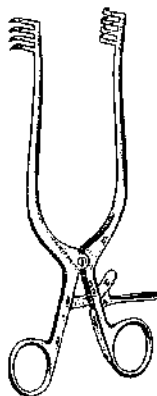
11-8



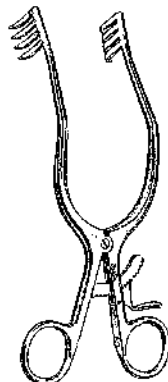
11-10



26-91
26-92



11-700

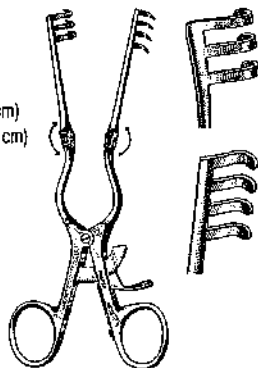


11-702

- 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

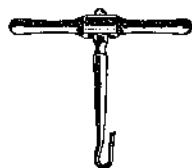
Sharp	Size	Blunt
11-630-SH	5½" (14 cm)	11-630-BL (Cone Scalp Retr.)
11-634-SH (Cone Lamin. Retr.)	6½" (16.5 cm)	11-634-BL
11-642-SH (Cone Lamin. Retr.)	9" (22.9 cm)	11-642-BL



11-630 to 11-642



Neurosurgical Instruments



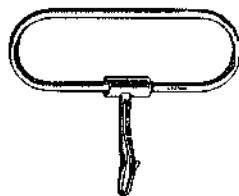
26-119



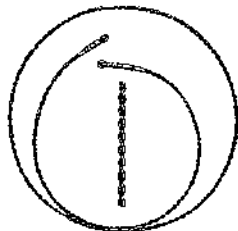
26-120



26-122



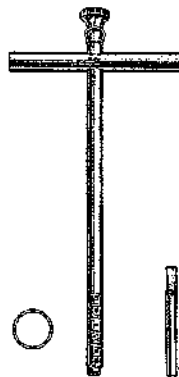
26-124



26-130 to 26-134



26-138

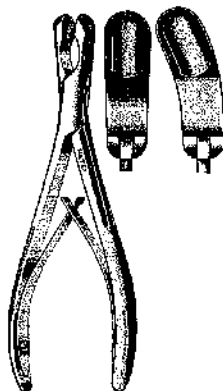


26-140 to 26-143

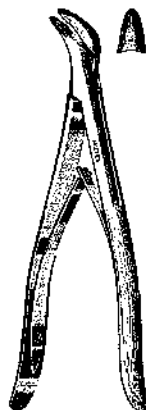
- 26-119 GIGLI Saw Handle, Standard Pattern, T-Shaped, turnable
26-120 GIGLI-STRULLY Saw Handle, Standard Pattern, T-Shape, rigid, with snap-lock
26-122 GIGLI-STRULLY Saw Handle, Standard Pattern, T-Shape, turnable, with snap-lock
26-124 GIGLI-STRULLY Saw Handle, Standard Pattern, Loop Grip, rigid, with 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, 3/16" (.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



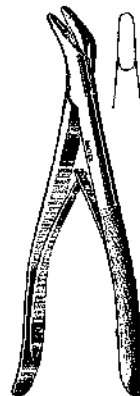
19-808



26-190
26-192

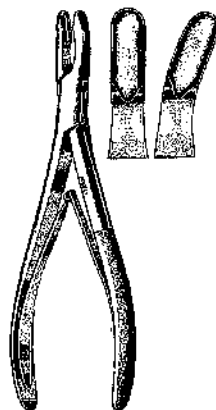


26-198

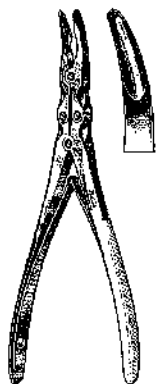


26-200

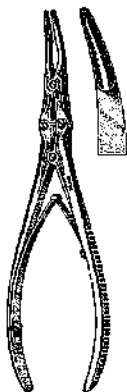
- 19-808 BANE Rongeur 7" (17.8 cm), curved
- 26-190 LUER Rongeur 7" (17.8 cm), straight jaws 8 mm bite
- 26-192 LUER Rongeur 7" (17.8 cm), curved jaws 8 mm bite
- 26-198 BACON Rongeur 8 1/4" (21 cm), angled on side, 5 mm bite
- 26-200 STOOKEY Rongeur 7 1/2" (19.7 cm), angled on side, 3 mm bite
- 26-220 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



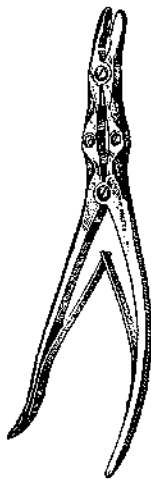
26-220
26-222



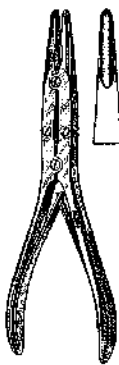
19-840



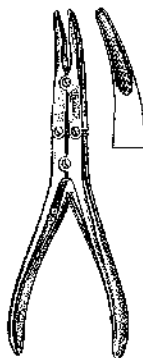
19-844



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

19-848

19-850

19-854

Size

6" (15.2 cm) long, 3 mm bite

7 1/4" (18.4 cm) long, 5 mm bite

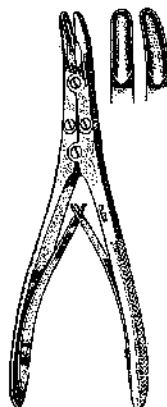
7 1/2" (18.4 cm) long, 7 mm bite

Curved Jaws

19-849

19-852

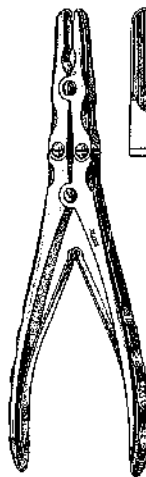
19-856



19-850 to 19-856



26-255 to 26-258

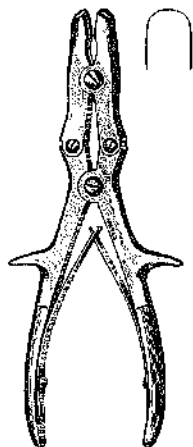


26-261
26-262

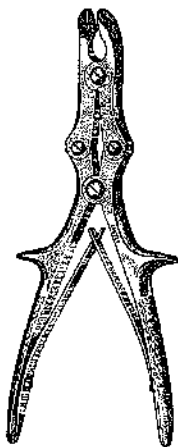


26-264 to 26-266

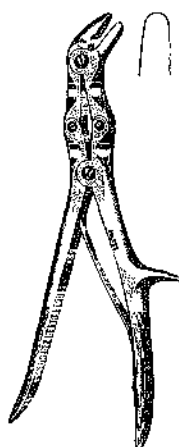
- | | |
|--------|---|
| 26-255 | SMITH-PETERSEN Laminectomy Rongeur 7½" (19.1 cm), straight jaws, 3 mm bite |
| 26-256 | SMITH-PETERSEN Laminectomy Rongeur 7½" (19.1 cm), slightly curved jaws, 3 mm bite |
| 26-258 | SMITH-PETERSEN Laminectomy Rongeur 9½" (24.1 cm), straight jaws, 3 mm bite |
| 26-261 | 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

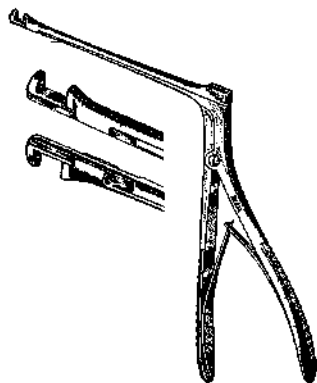


25-458

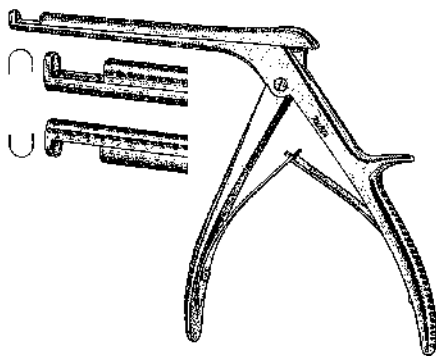


26-270

- 25-454 STILLE-LUER Rongeur 8 3/4" (22.2 cm), straight jaws 9 x 15 mm
25-456 STILLE-LUER Rongeur 8 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 1/4" (21 cm), with 2 blades



20-660
20-662

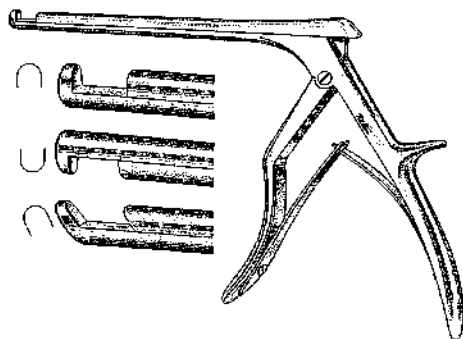


26-326 to 26-329

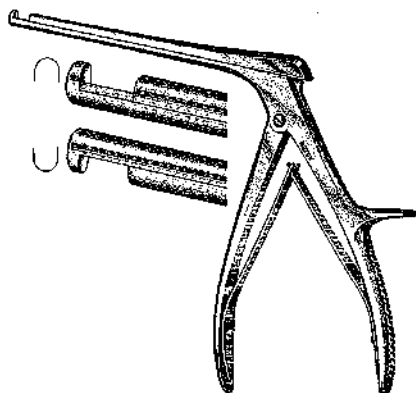
- 20-660 HAJEK-KOFLER Laminectomy Rongeur 5" (12.7 cm) shaft, up-bite, 4 x 5 mm
20-662 HAJEK-KOFLER Laminectomy Rongeur 5" (12.7 cm) shaft, down-bite, 4 x 5 mm

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



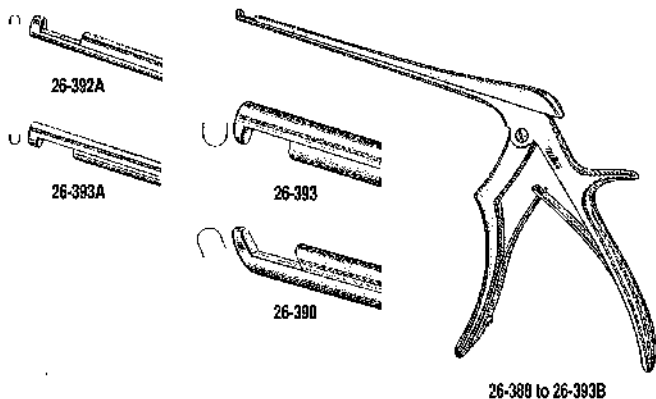
26-340 to 26-370

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

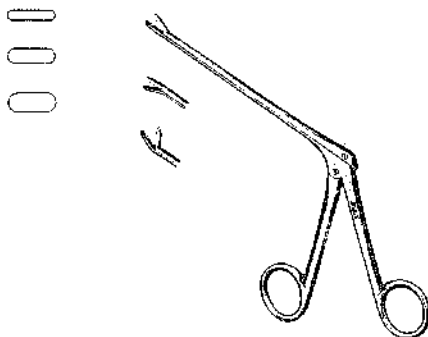
LOVE-KERRISON CERVICAL RONGEURS

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

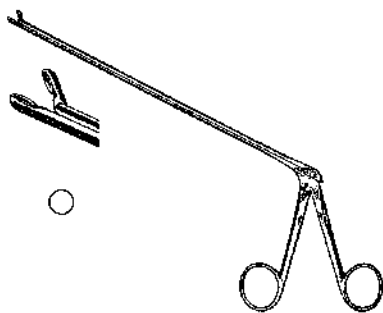
	Straight	Curved-Up	Curved-Down
5" (12.7 cm) Shank	26-394	26-395	26-396
7" (17.8 cm) Shank	26-397	26-398	26-399

LOVE-GRUENWALD PITUITARY RONGEURS 3 x 10 mm CUP JAWS

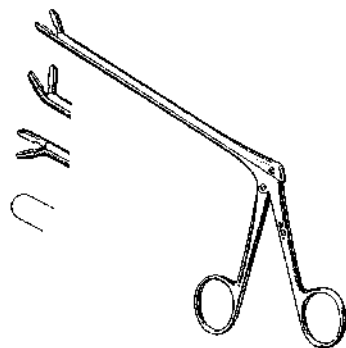
	Straight	Curved-Up	Curved-Down
5" (12.7 cm) Shank	26-400	26-410	26-420
7" (17.8 cm) Shank	26-402	26-412	26-422

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

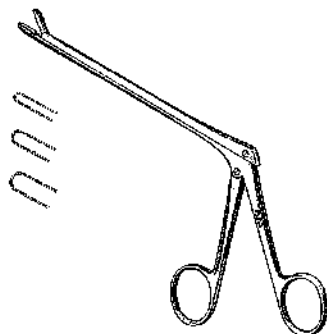
26-440 OLDBERG Pituitary Rongeur 7" (17.8 cm) Shank, round cup jaws 6 mm dia.

CLOWARD PITUITARY RONGEURS 6 x 10 mm CUP JAWS, 6" (15.2 cm) SHANKS

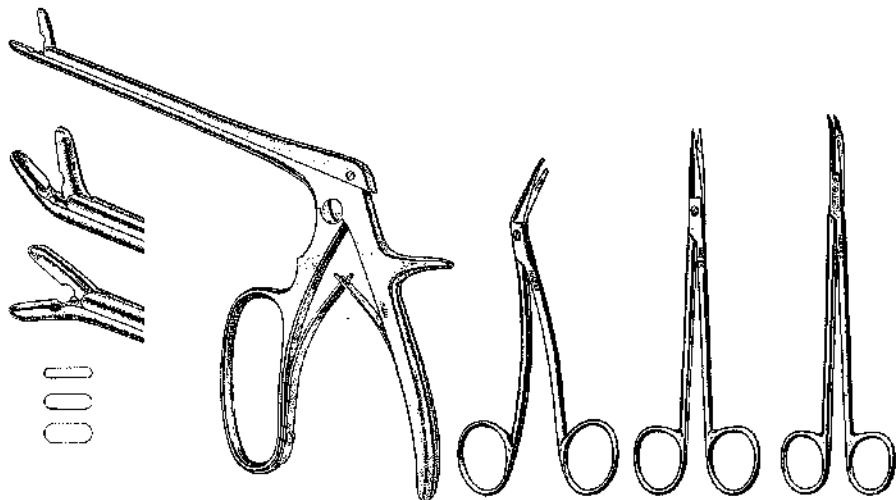
Straight	Curved-Up	Curved-Down
26-480	26-481	26-482

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



26-461 to 26-474

21-560

5-250
5D-251

5-252
5D-253

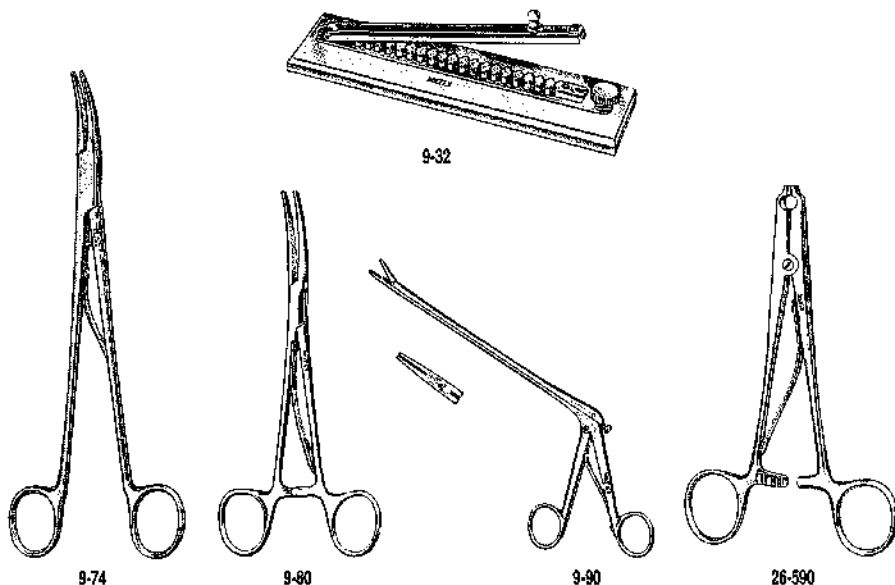
FERRIS-SMITH PITUITARY CUP JAW RONGEURS, 7" (17.8 cm) SHANK

	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



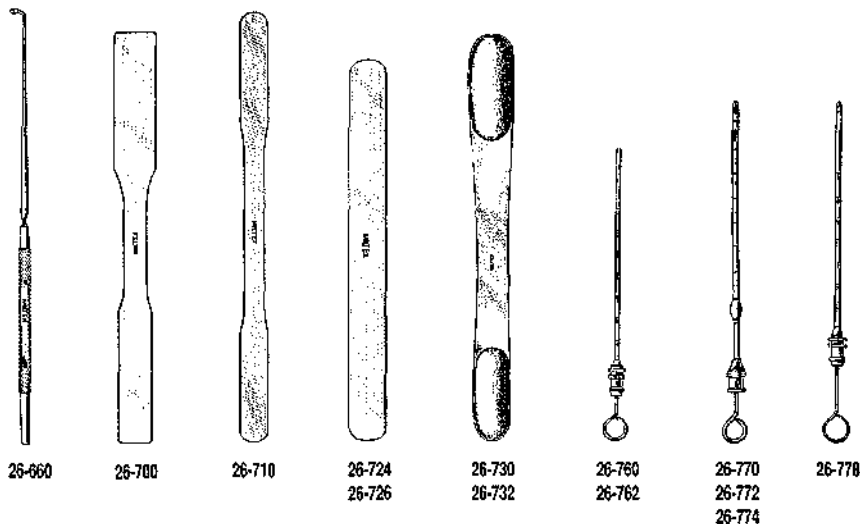
5-262



- 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 $\frac{3}{8}$ " (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 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

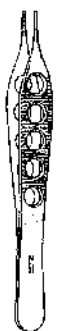
BARON Suction Tube, 3 French (1 mm), with finger cut-off
BARON Suction Tube, 5 French (1.7 mm), with finger cut-off
BARON Suction Tube, 7 French (2.3 mm), with finger cut-off



6-118



6-118A



6-118XL



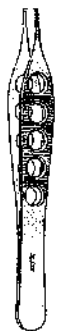
17-2510



6-120
6-122



6-120A

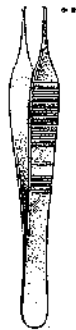


6-120XL



6-121

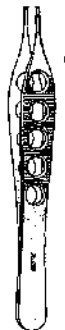
- 6-118** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate
- 6-118A** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, delicate, angled
- 6-118XL** ADSON Dressing Forceps 4 3/4" (12.1 cm), serrated, lightweight, fenestrated handles
- 17-2510** Micro ADSON Dressing Forceps 4 3/4" (12.1 cm), 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 lying platform
- 6-123XL** ADSON Tissue Forceps 4 3/4" (12.1 cm), w/platform, 1 x 2 teeth, lightweight, fenestrated handles



17-2500



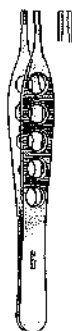
6-123



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 1/4" (12.1 cm), 7 x 7 side grasping teeth

6-124XL

BROWN-ADSON Tissue Forceps 4 1/4" (12.1 cm), 7 x 7 side grasping teeth, lightweight, fenestrated handles

6-126

BROWN-ADSON Tissue Forceps 4 1/4" (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



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

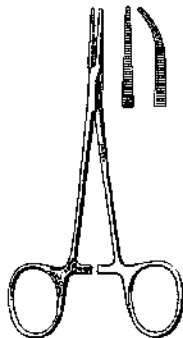
FERRIS SMITH Tissue Forceps 7" (17.8 cm), serrated platform tips with 1 x 2 teeth

26-958

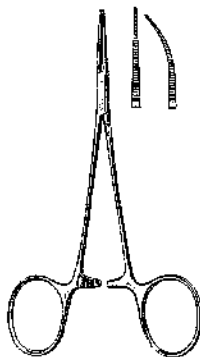
FERRIS SMITH Tissue Forceps 7" (17.8 cm), serrated platform tips with 2 x 3 teeth



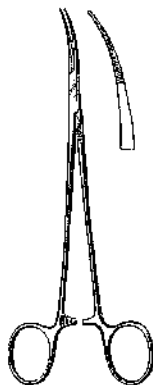
26-956
26-958



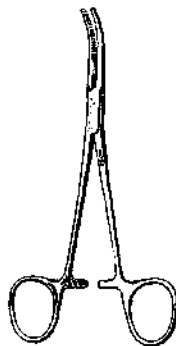
7-8
7-10



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 5 1/2" (14 cm), curved sideways, serrated

7-240 ADSON Hemostatic Forceps 7 1/4" (18.4 cm), straight

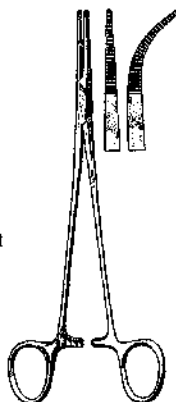
7-242 ADSON Hemostatic Forceps 7 1/4" (18.4 cm), curved

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

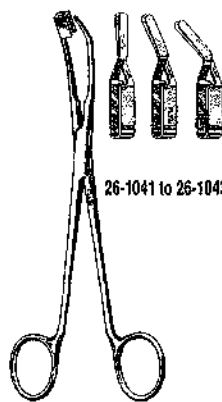
26-1041 SCHWARTZ Vessel Clip 1" (2.5 cm), straight jaws 1.7 x 8 mm

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



26-1040

26-1041 to 26-1043

For Micro Vessel Clips see page 223



26-1054



26-1080



26-1084
26-1086



26-1090
26-1092



21-430



26-1150

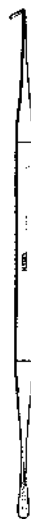
- 26-1054** FRAZIER Dura Separator 6½" (16.5 cm), angled blade ½" (1.3 cm) long, from ⅛" (.32 cm) to ¼" (.64 cm) wide
- 26-1080** CUSHING Dura Hook 6½" (16.5 cm), blunt
- 26-1084** FRAZIER Dura Hook 5" (12.7 cm), sharp point
- 26-1086** FRAZIER Dura Hook 5" (12.7 cm), blunt point
- 26-1090** ADSON Dura 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

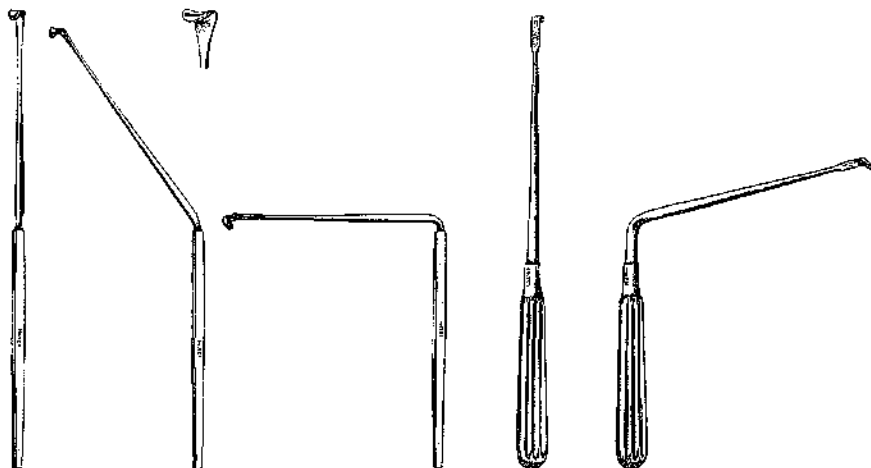


11-102



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, 8 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



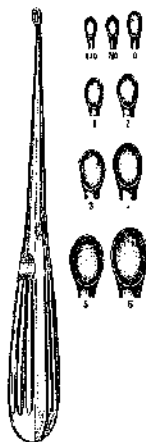
26-1454

PENFIELD DISSECTORS

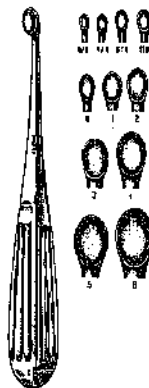
- | | | |
|----------------|-------------|--|
| 26-1450 | Style No. 1 | 7½" (18.4 cm), double end, 6 mm sharp cup and 6 mm blunt dissector |
| 26-1451 | Style No. 2 | 7¾" (19.7 cm), double end, wax packer and 6 mm blunt dissector, slightly curved |
| 26-1452 | Style No. 3 | 7½" (19.1 cm), double end, 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 |



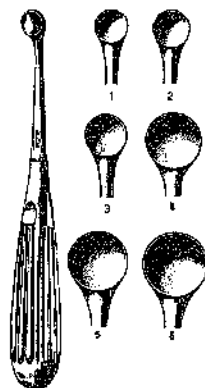
26-1620
26-1624



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

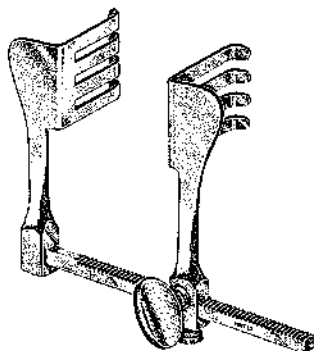
26-1627	Size 3/0	26-1634	Size 3
26-1628	Size 2/0	26-1636	Size 4
26-1629	Size 0	26-1638	Size 5
26-1630	Size 1	26-1640	Size 6
26-1632	Size 2		

SPRATT (BRUN) BONE CURETTES 6 1/2" (16.5 cm), Oval Cups

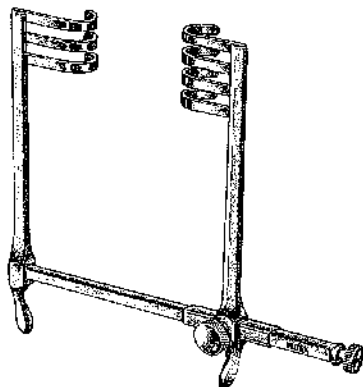
19-700	Size 5/0	19-712	Size 2
19-702	Size 4/0	19-714	Size 3
19-704	Size 3/0	19-716	Size 4
19-706	Size 2/0	19-718	Size 5
19-708	Size 0	19-720	Size 6
19-710	Size 1		

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

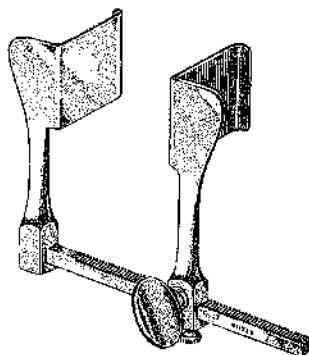


11-660

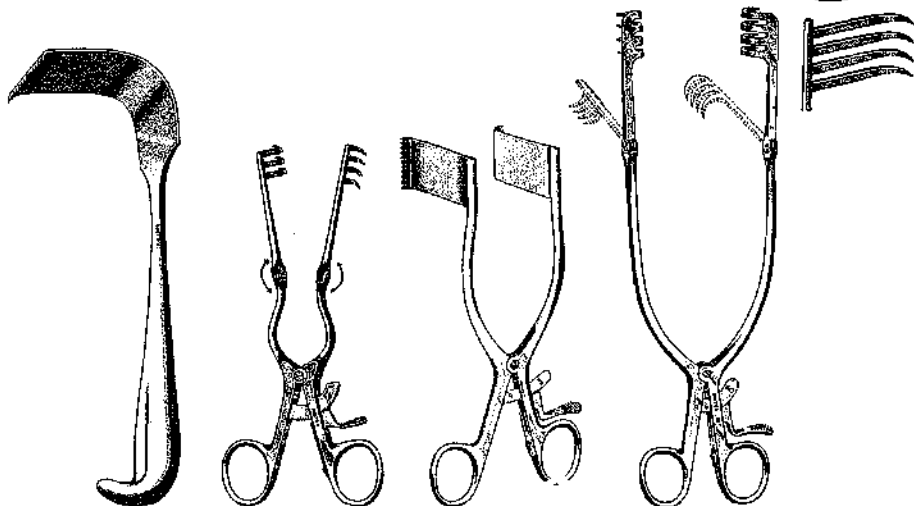
11-672 BADGLEY Laminectomy Retractor, $6\frac{1}{2}$ " (16.5 cm) spread, 4 x 4 blunt teeth 2" (5.1 cm) x $1\frac{1}{4}$ " (4.4 cm)

11-660 FRAZIER Laminectomy Retractor, $3\frac{1}{4}$ " (8.3 cm) spread, 3 x 4 blunt teeth

11-676 TUFFIER Retractor, $6\frac{1}{2}$ " (16.5 cm) spread, 2" (5.1 cm) x $1\frac{1}{4}$ " (4.4 cm) grooved blades



11-676



11-240 to 11-244

11-642-SH
11-642-BL

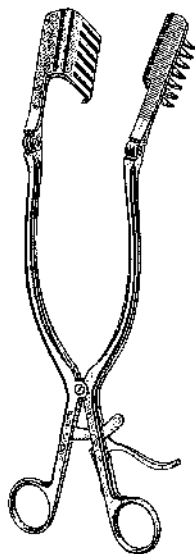
11-650 to 11-656

11-684
11-686

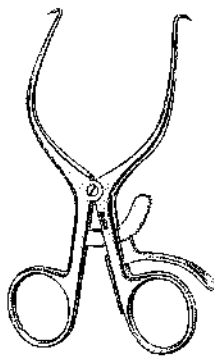
- 11-240 MEYERDING Laminectomy Retractor 9½" (24.1 cm), large blade 3½" (8.9 cm) x 2" (5.1 cm)
 11-242 MEYERDING Laminectomy Retractor 9½" (24.1 cm), medium blade 3" (7.6 cm) x 1" (2.5 cm)
 11-244 MEYERDING Laminectomy Retractor 9½" (24.1 cm), small blade 2" (5.1 cm) x ¾" (1.9 cm)
 11-642-SH BECKMAN-WEITLANER 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

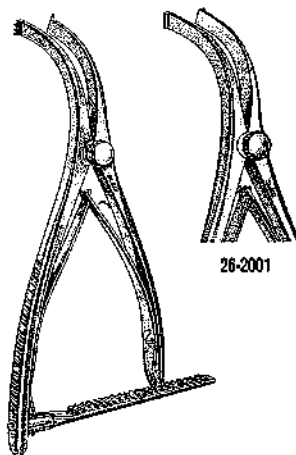
- 11-650 1" (2.5 cm) x 2¾" (6.1 cm) blades
 11-652 1" (2.5 cm) x 2½" (5.4 cm) blades
 11-654 1" (2.5 cm) x 1¾" (4.4 cm) blades
 11-656 ¾" (1.9 cm) x 2¾" (6.1 cm) blades
 11-684 BECKMAN-ADSON Laminectomy Retractor 12½" (31.8 cm), hinged, sharp 4 x 4 teeth 1" (2.5 cm) wide x ¾" (1.9 cm) deep
 11-686 BECKMAN-ADSON Laminectomy Retractor 12½" (31.8 cm), hinged, sharp 4 x 4 teeth 1½" (3.2 cm) wide x 1¾" (4.4 cm) deep



26-1973



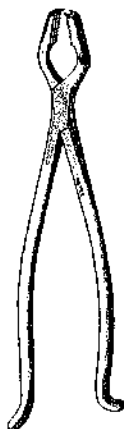
11-365
11-366



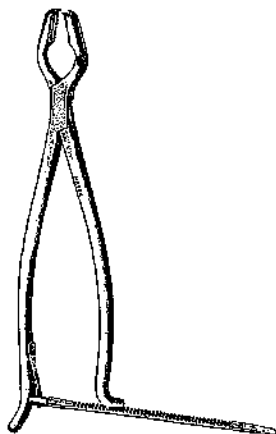
26-2000
26-2005

26-2001

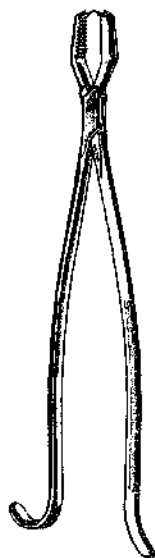
- 26-1973** BECKMAN-EATON Laminectomy Retractor 12 $\frac{3}{4}$ " (32.4 cm), hinged, sharp
7 x 7 teeth 1 $\frac{3}{4}$ " (4.4 cm) wide x 2" (5.1 cm) deep
- 11-365** Pediatric GELPI Retractor 5 $\frac{1}{2}$ " (14 cm), with grip lock
- 11-366** GELPI Retractor 6 $\frac{3}{4}$ " (17.1 cm), with grip lock
- 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)



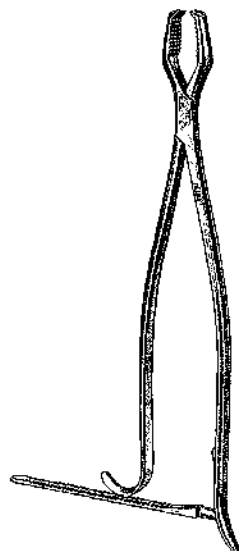
27-2
27-6



27-4
27-7

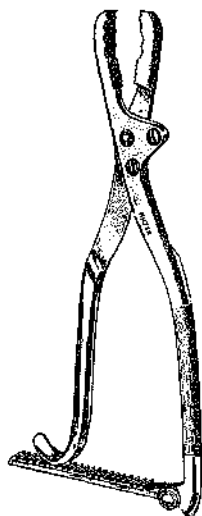


27-20
27-22

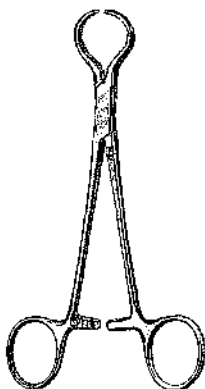


27-21
27-23

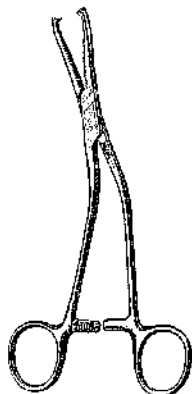
- | | |
|-------|--|
| 27-2 | KERN Bone Holding Forceps 9½" (24.1 cm), standard size, plain |
| 27-4 | KERN Bone Holding Forceps 9½" (24.1 cm), standard size, with ratchet |
| 27-6 | KERN Bone Holding Forceps 6" (15.2 cm), pediatric size, plain |
| 27-7 | KERN Bone Holding Forceps 6" (15.2 cm), pediatric 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

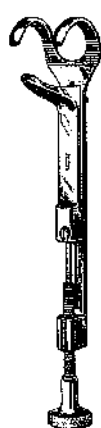


27-16

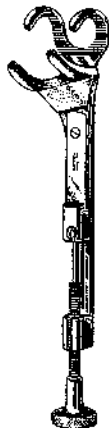


27-24

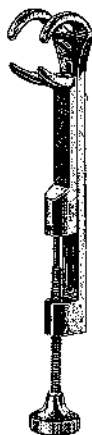
- 27-14 FARABEUF-LAMBOTTE Bone Holding Forceps, 10 1/4" (26 cm)
- 27-16 LEWIN Bone Holding Forceps 7" (17.8 cm), serrated jaws
- 27-24 DINGMAN Small Bone and Cartilage Clamp 7 1/2" (19.1 cm), serrated jaws, 2 x 2 teeth, 4 mm wide



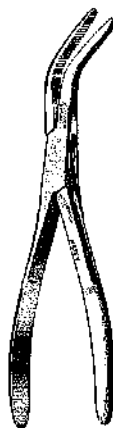
27-30 to 27-34



27-42
27-44



27-46
27-47

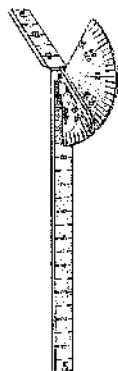


27-60

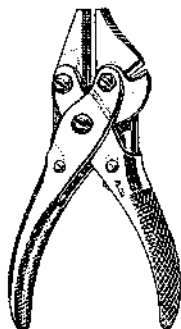


27-110

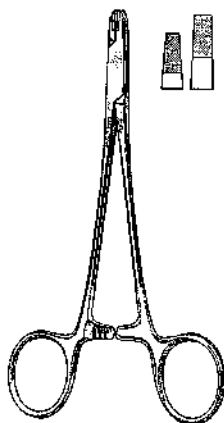
- 27-30 LOWMAN Bone Clamp 5" (12.7 cm), calibrated in $\frac{1}{8}$ " (.32 cm), 1 x 2 prong jaws $\frac{3}{4}$ " (1.9 cm) wide
- 27-32 LOWMAN Bone Clamp 7" (17.8 cm), calibrated in $\frac{1}{8}$ " (.32 cm), 1 x 2 prong jaws 1" (2.5 cm) wide
- 27-34 LOWMAN Bone Clamp 8" (20.3 cm), calibrated in $\frac{1}{8}$ " (.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 $1\frac{1}{8}$ " (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 $1\frac{1}{8}$ " (3.5 cm) wide
- 27-60 VAN BUREN Sequester 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



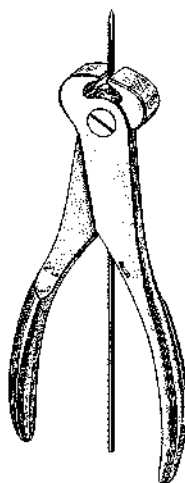
27-144



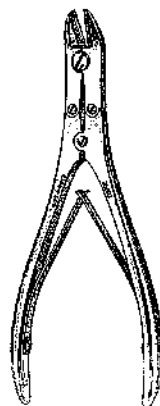
9-128



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

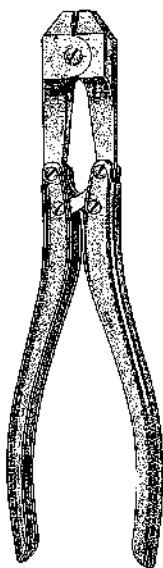
27-158 MILTEX Cannulated Pin and Wire Cutter 7 1/2" (19.1 cm), end cutting up to 3.2 mm (1/8") soft wire or 1.6 mm (1/16") hard wire

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

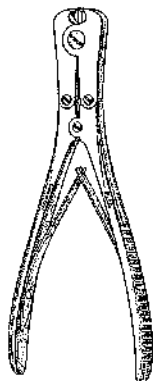
27-160 DIAMOND Pin and Wire Cutter 6 1/2" (16.5 cm), cuts up to 2 mm (3/16") diameter hard wire, stainless



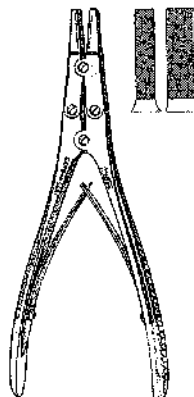
27-160



27-161TC



27-163TC



27-164TC

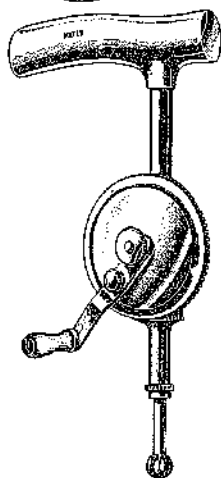
27-165TC



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.



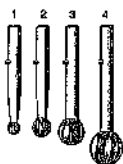
26-40
26-42



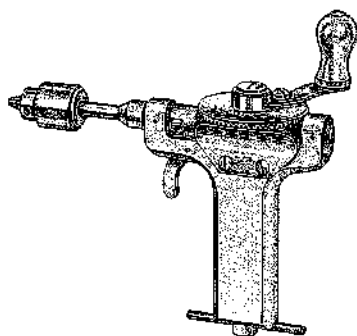
26-44



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 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



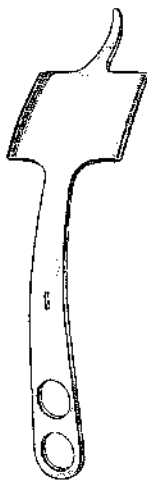
27-208 to 27-212



27-213
27-214



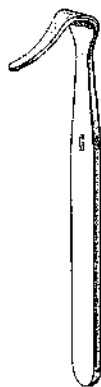
27-215 to 27-218



27-219



11-580
11-582



27-223

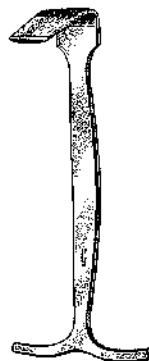
- 27-213** MINI-HOHMANN Retractor 6¼" (15.9 cm), blade 6 mm wide
27-214 MINI-HOHMANN Retractor 6¼" (15.9 cm), blade 8 mm wide

- 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

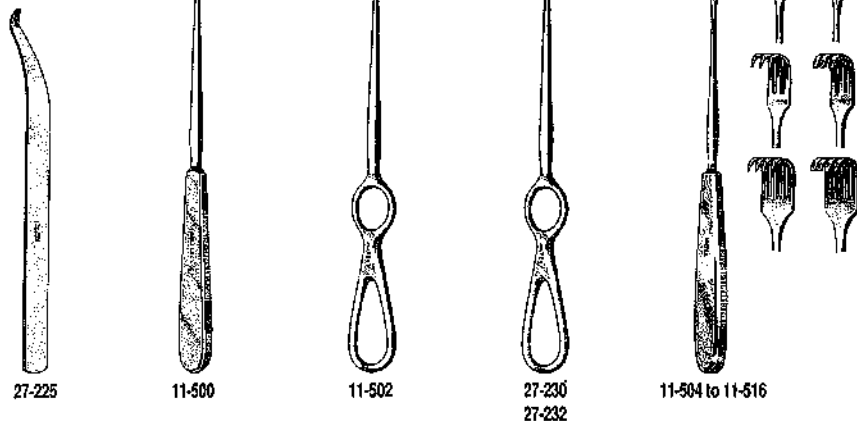
- 27-223** BLOUNT Knee Retractor 7" (17.8 cm), blade 1¾" (4.4 cm) deep, ¾" (1.6 cm) wide tapering to ¾" (.48 cm)

- 27-224** SMILLIE Meniscus Hook Retractor 5¾" (14.6 cm), blade ¾" (1.9 cm) x 1¾" (3.5 cm)



27-224

For additional Retractors see pages 151 - 187



27-225 HAYS Hand and Finger Retractor 6" (15.2 cm), angled blade 1½" (3.8 cm) long, ⅝" (1 cm) wide tapering to ⅜" (.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

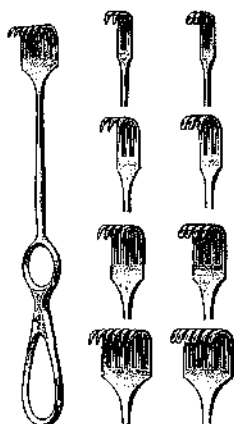
11-514

11-508

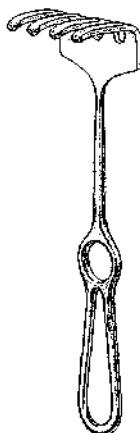
4 prongs

11-516

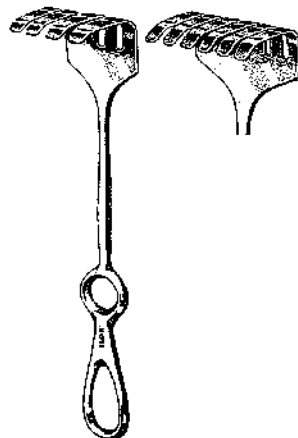
For additional Retractors see pages 151 - 187



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 1½" (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 1½" (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 ⅜" (.32 cm)
27-332	HOKE Osteotome 5½" (14 cm) straight ⅝" (.40 cm)
27-333	HOKE Osteotome 5½" (14 cm) straight ¾" (.64 cm)
27-334	HOKE Osteotome 5½" (14 cm) straight ⅞" (.79 cm)
27-335	HOKE Osteotome 5½" (14 cm) straight 1" (.95 cm)
27-336	HOKE Osteotome 5½" (14 cm) straight 1½" (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	1½" (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
—	3/4" (1.6 cm)	27-464C
27-466	1" (1.9 cm)	27-466C
27-468	1 1/4" (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)

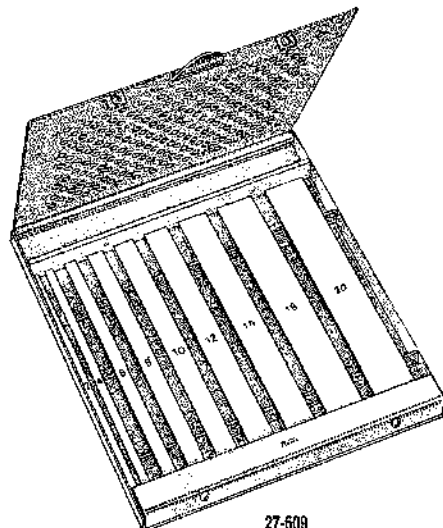
Straight	Width	Curved
27-510	1/4" (.64 cm)	27-530
27-512	3/8" (.95 cm)	27-532
27-514	1/2" (1.3 cm)	27-534
27-516	3/4" (1.6 cm)	27-536
27-518	1" (1.9 cm)	27-538
27-520	1 1/4" (2.5 cm)	27-540
27-522	1 3/4" (3.2 cm)	27-542



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	1/8" (.64 cm)
27-550	3/16" (.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 1/2" (3.8 cm), fitted to hold 9 Swiss Pattern Osteotomes 2 mm to 20 mm

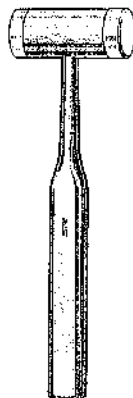
27-610 Set of 9 Swiss Pattern Osteotomes 2 mm to 20 mm, complete in fitted Sterilizer Case



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

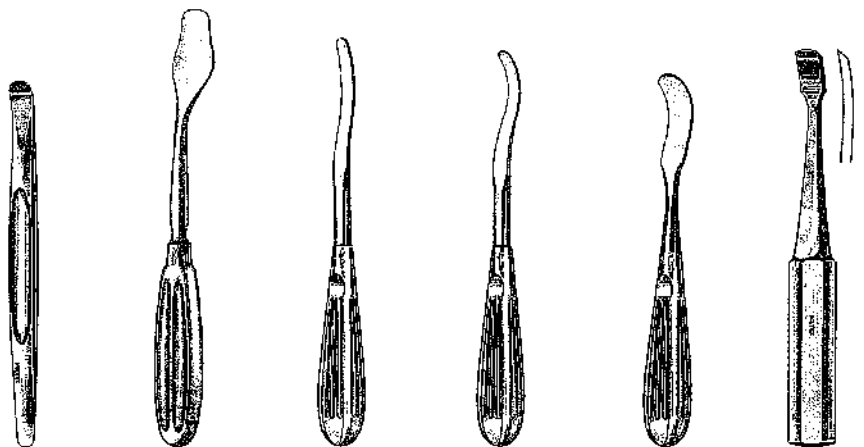


26-1412

- 27-680 MURPHY-LANE Bone Skid 12" (30.5 cm)
- 27-700 PUTTI Bone Rasp 10 1/2" (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 9 3/4" (24.8 cm), bayonet shank, half-round blade 3 1/2" (8.9 cm) x 1/2" (1.3 cm)
- 26-1410 LANGENBECK Periosteal Elevator 7 1/2" (19.1 cm), narrow model, 7 mm wide blunt blade
- 26-1412 LANGENBECK Periosteal Elevator 7 1/2" (19.1 cm), wide model, 17 mm wide sharp blade
- 25-28 SEDILLOT Periosteal Elevator 7 1/2" (19.1 cm), blade 17 mm wide



25-28



27-744
27-746

27-747 to 27-750

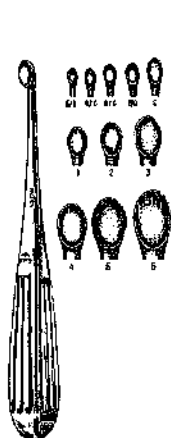
27-752

27-753

27-754

27-820 to 27-826

- 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 $\frac{1}{8}$ " (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



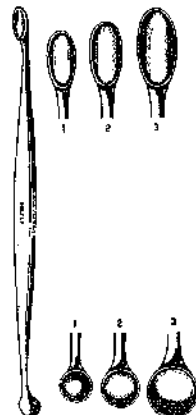
19-700 to 19-720



26-1627 to 26-1640



27-920



27-924
27-926
27-928

SPRATT (BRUN) BONE CURETTES, Oval Cups

6½" (16.5 cm) Long		9" Long (22.9 cm)	
19-700	Size 5/0	26-1627	Size 3/0
19-702	Size 4/0	26-1628	Size 2/0
19-704	Size 3/0	26-1629	Size 0
19-706	Size 2/0	26-1630	Size 1
19-708	Size 0	26-1632	Size 2
19-710	Size 1	26-1634	Size 3
19-712	Size 2	26-1636	Size 4
19-714	Size 3	26-1638	Size 5
19-716	Size 4	26-1640	Size 6
19-718	Size 5		
19-720	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

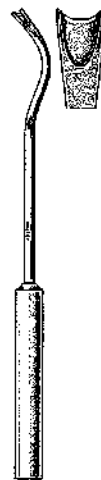
27-970 SMILLIE Meniscus Knife 7¼" (18.4 cm), straight chisel blade

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



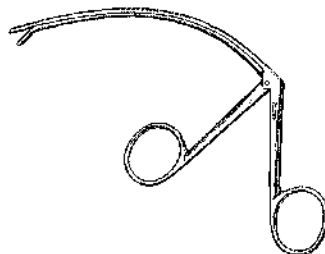
27-984



27-990
27-992



27-1000

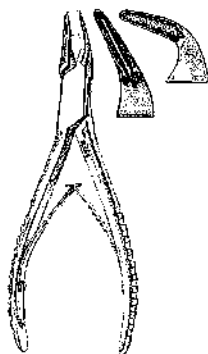


27-1016

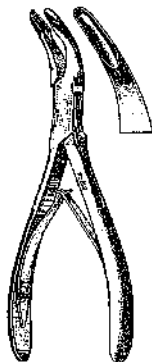


27-1020 to 27-1028

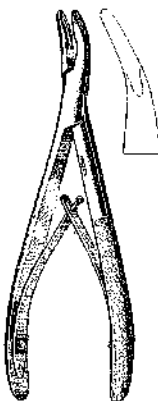
- 27-990 MARTIN Cartilage Clamp 7" (17.8 cm)
- 27-992 MARTIN Cartilage Clamp 8" (20.3 cm)
- 27-1000 MARTIN Cartilage Scissors 8" (20.3 cm), serrated non-slip cutting edges
- 27-1016 MILTEX Tendon Pulling Forceps, 5" (12.7 cm) curved shaft, alligator type
- 27-1020 BUNNELL Tendon Stripper 6" (15.2 cm), 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



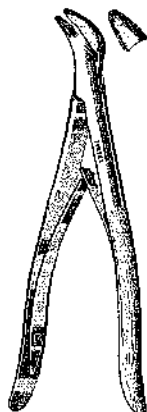
22-480 to 22-482



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 CICHIRELLI (REINER) Rongeur 7" (17.8 cm),
slightly curved jaws 3 x 8 mm bite tapered to 4 mm

19-804 HARTMAN Rongeur 5 3/4" (14.6 cm), strong curve,
4 x 12 mm bite

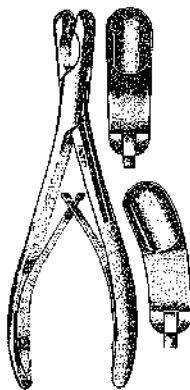
19-808 BANE Rongeur 7" (17.8 cm), curved jaws,
5 x 15 mm bite tapered to 7 mm

26-198 BACON Rongeur 8 1/4" (21 cm), angled on side,
5 mm bite

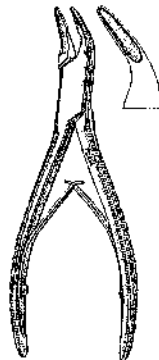
26-190 LUER Rongeur 7" (17.8 cm), straight jaws 8 mm bite

26-192 LUER Rongeur 7" (17.8 cm), curved jaws 8 mm bite

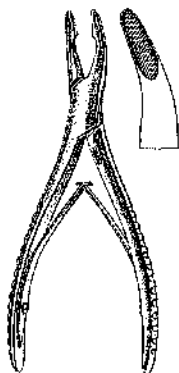
22D-420 BLUMENTHAL Rongeur 6" (15.2 cm), 45° angled jaws
3 x 12 mm bite



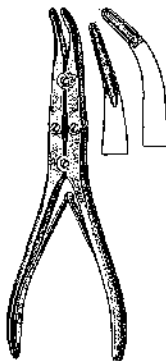
26-190 to 26-192



22D-420



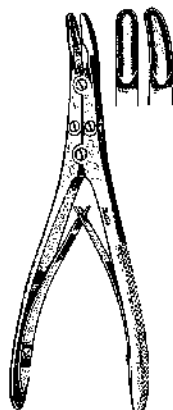
22-484



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

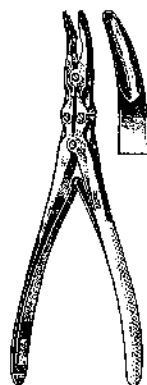
27-1295 KLEINERT-KUTZ Bone Rongeur 6" (15.2 cm), slightly curved jaws 2 x 13 mm

27-1297 KLEINERT-KUTZ Synovectomy Rongeur 6" (15.2 cm), full curved jaws 3 x 8 mm

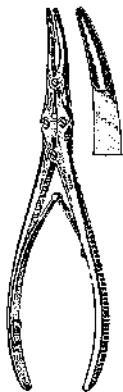
RUSKIN RONGEURS

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

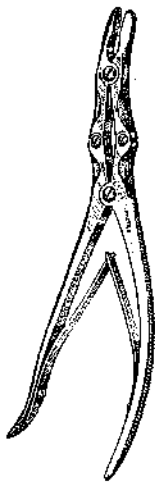
19-840 ZAUFEL-JANSEN Rongeur 7" (17.8 cm), slightly curved jaws 5 mm wide



19-840

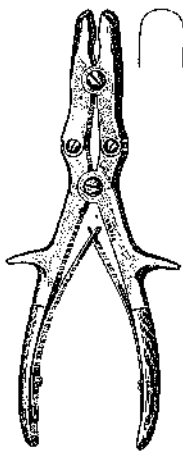


19-844

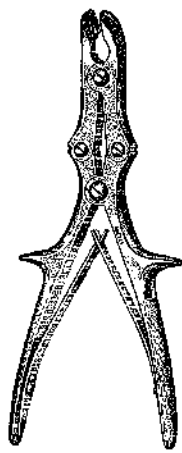


25-510

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

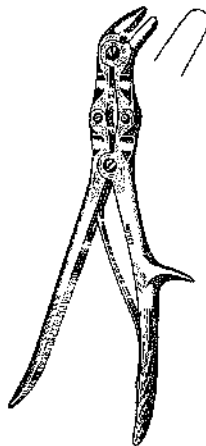
STILLE-LUER Rongeur 8¾" (22.2 cm), straight jaws 9 x 15 mm

25-456

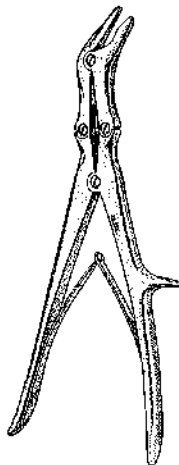
STILLE-LUER Rongeur 8¾" (22.2 cm), curved jaws 9 x 15 mm

25-458

STILLE-LUER Duckbill Rongeur 9" (22.9 cm), angled on side
jaws 6 x 12 mm



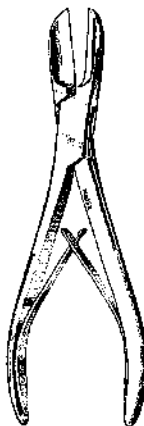
25-458



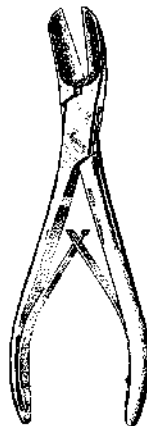
26-264 to 26-266



40-227-SS



27-1390 to 27-1394

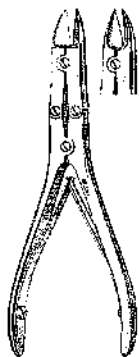


27-1400 to 27-1404

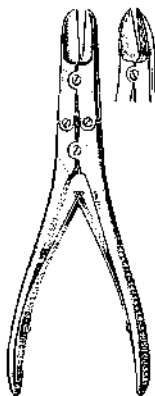
- 26-264** ECHLIN Duckbill Rongeur 9" (22.9 cm), 2 mm bite
26-265 ECHLIN Duckbill Rongeur 9" (22.9 cm), 3 mm bite
26-266 ECHLIN Duckbill Rongeur 9" (22.9 cm), 4 mm bite
- 40-227-SS** LITTAUER-LISTON Bone Cutting Forceps 6" (15.2 cm), straight 20 mm blades

LISTON BONE CUTTING FORCEPS

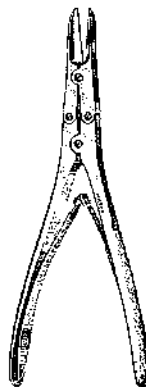
Straight	Size	Angled on Flat
27-1390	5½" (14 cm)	27-1400
27-1392	7½" (19.1 cm)	27-1402
27-1394	8½" (21.6 cm)	27-1404



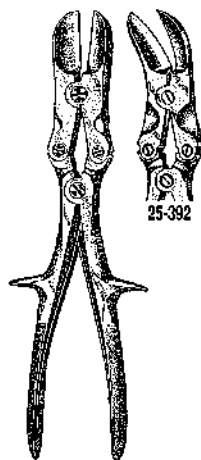
21-626
21-627



25-384
25-385



21-628

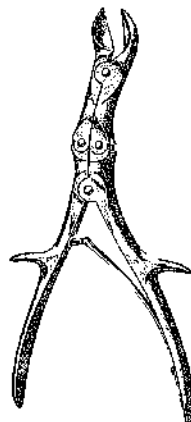


25-390

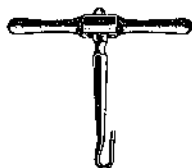
25-392

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 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



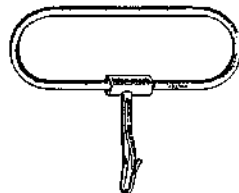
26-119



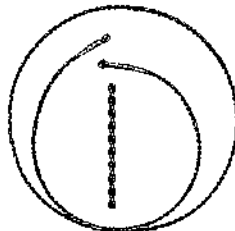
26-120



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

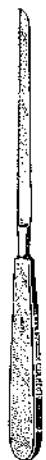
65-28 Mesh Holder, 6 $\frac{3}{4}$ " (17.1 cm), 2 $\frac{1}{8}$ " (5.4 cm) inside diameter of basket, securely holds small items such as micro clips, screws, burs etc., during cleaning, rinsing or sterilization



26-138



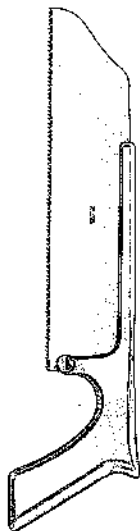
65-28



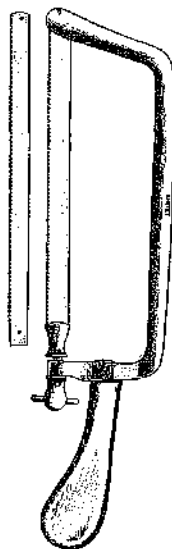
27-1550



40-2000



27-1560



27-1564
27-1565-12
27-1565-18



27-1600
27-1602

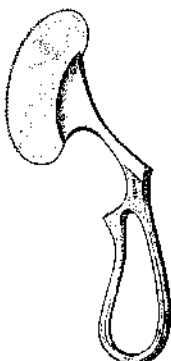
- 27-1550** LANGENBECK Metacarpal Saw 9 $\frac{1}{4}$ " (23.5 cm), blade 4 $\frac{1}{2}$ " (11.4 cm) long
- 40-2000** MILTEX Bone Saw 6" (15.2 cm), blade 2" (5.1 cm)
- 27-1560** SATTERLEE Bone Saw 12" (30.5 cm), light metal handle with stainless 9" (22.9 cm) blade
- 27-1561** Blade for No. 27-1560 Satterlee 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



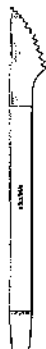
27-3002



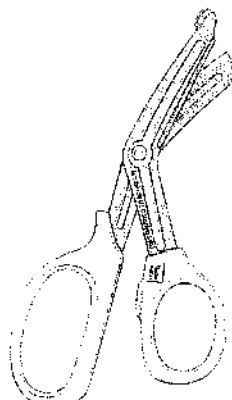
27-3004



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

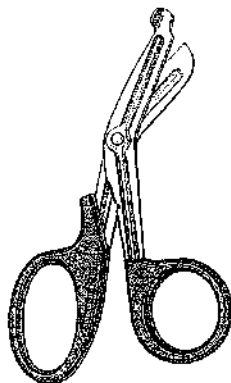
27-3020 ENGEL Cast Saw 6" (15.2 cm)

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.

5-996 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.

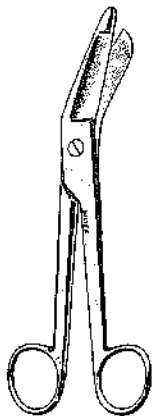


5-996

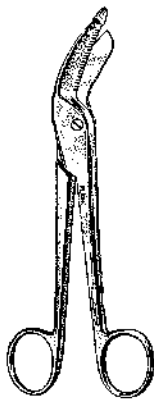
5-1000



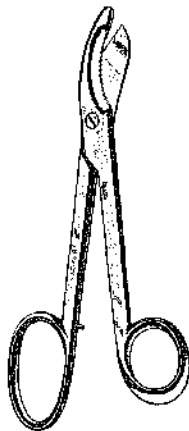
Cast Instruments



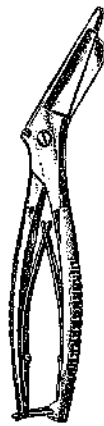
5-568



5-547

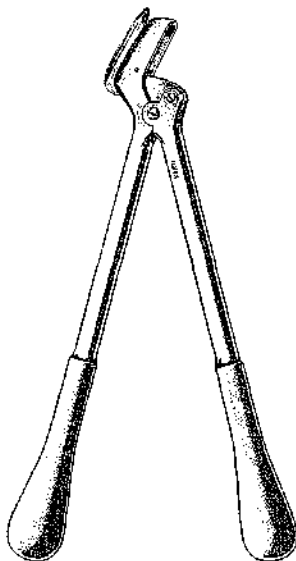


27-3070

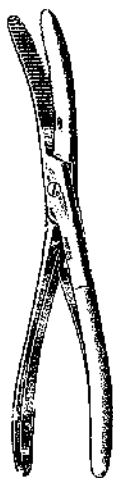


5-600

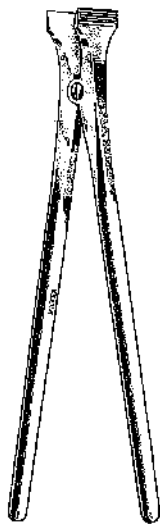
- 5-568 ESMARCH Cast Shears 8" (20.3 cm)
- 5-547 HERCULES Cast Shears 7½" (19.1 cm), serrated blade
- 27-3070 BRUNS Cast Shears 9¼" (23.5 cm), serrated blade
- 5-600 MILTEX Cast and Utility Shears 8½" (21.6 cm), with wire cutter and serrated blade
- 27-3059 STILLE Cast Shears 8" (20.3 cm), Pediatric 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

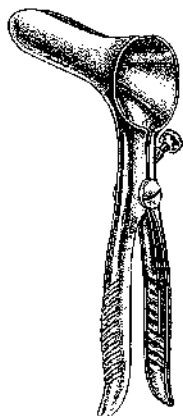


27-3094

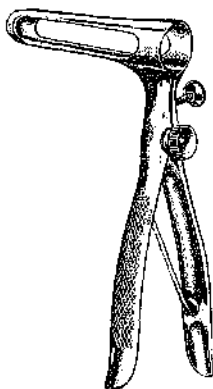


27-3100

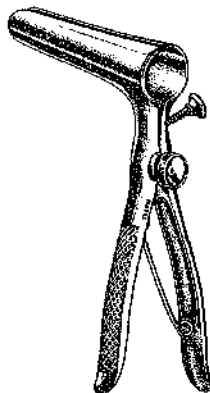
- 27-3080** WOLFE-BOEHLER Cast Breaker 10" (25.4 cm), jaws 15 mm wide with deep serrations
- 27-3090** BEESON Cast Spreader 12" (30.5 cm), blades 2" (5.1 cm) wide
- 27-3094** HENNIG Cast Spreader 11" (27.9 cm), blades 2" (5.1 cm) wide
- 27-3100** MILTEX 3-Prong Cast Spreader 9" (22.9 cm), with spring action for one-hand operation



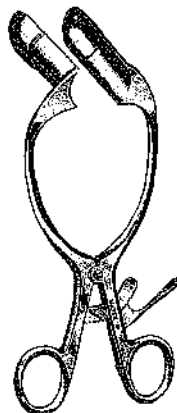
28-1



28-2



28-4



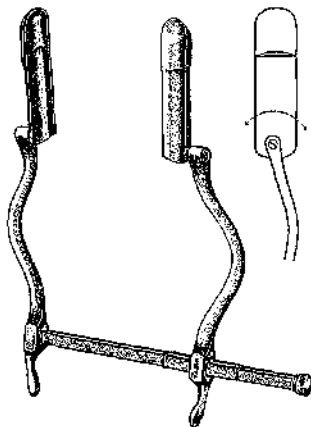
28-6

28-1 PRATT Rectal Speculum 8 1/2" (21.6 cm) long, with set screw, blades 3 1/2" (8.9 cm) long x 1" (2.5 cm) wide at distal end

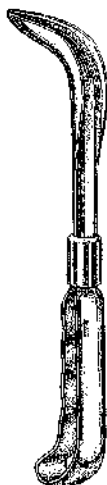
28-2 SIMS Rectal Speculum 6" (15.2 cm) long, with set screw, fenestrated blades 3 1/2" (8.9 cm) long x 3/8" (1.6 cm) wide at distal end

28-4 BODENHAMMER Rectal Speculum 6" (15.2 cm) long, with set screw, blades 3 1/2" (8.9 cm) long x 3/4" (1.9 cm) wide at distal end

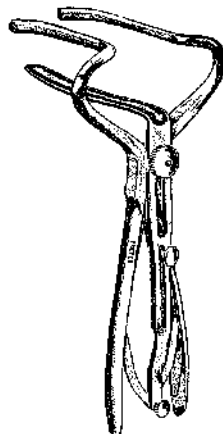
28-6 BARR Anal Retractor 8" (20.3 cm), self-retaining, blades 2 3/4" (7 cm) x 1/8" (2.2 cm)



28-64
28-65

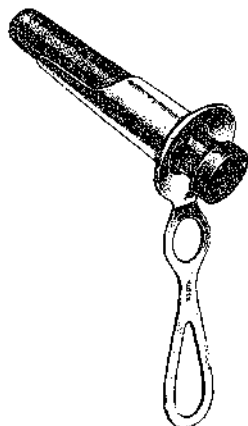


28-70 to 28-74

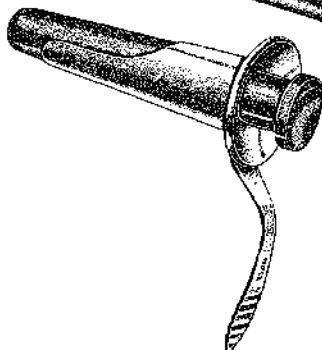


28-8

- 28-64** SMITH (BUIE) Anal Retractor, self-retaining, swivel blades $2\frac{1}{2}$ " (6.4 cm) x $\frac{7}{8}$ " (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 $\frac{7}{8}$ " (2.2 cm) open to 4" (10.2 cm)
- 28-70** SAWYER Rectal Retractor 11" (27.9 cm), blade $\frac{7}{8}$ " (2.2 cm) x $2\frac{1}{2}$ " (6.4 cm)
- 28-72** SAWYER Rectal Retractor 11" (27.9 cm), blade $1\frac{1}{8}$ " (2.8 cm) x 3" (7.6 cm)
- 28-74** SAWYER Rectal Retractor 11" (27.9 cm), blade $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{2}$ " (8.9 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



28-10

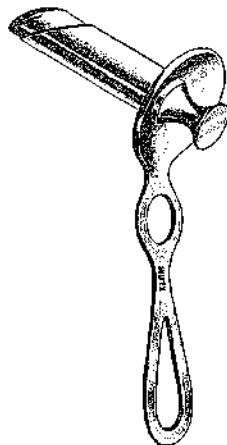


28-12

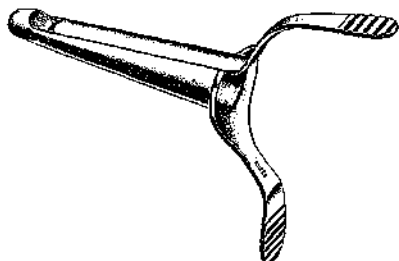


28-14

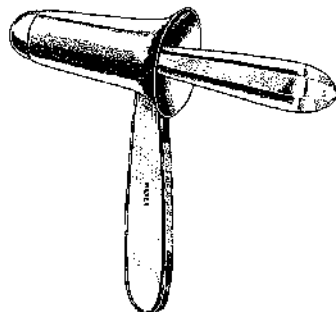
- 28-10 PENNINGTON Rectal Speculum $3\frac{3}{4}"$ (8.6 cm) long x $1"$ (2.5 cm) O.D., with boilable obturator, $4\frac{3}{4}"$ (12.1 cm) long handle, chrome
- 28-11 Obturator for No. 28-10 Pennington Speculum
- 28-12 FANSLER-IVES Rectal Speculum $3\frac{3}{4}"$ (8.3 cm) long x $1\frac{1}{8}"$ (2.8 cm) 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 $\frac{1}{4}"$ (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.



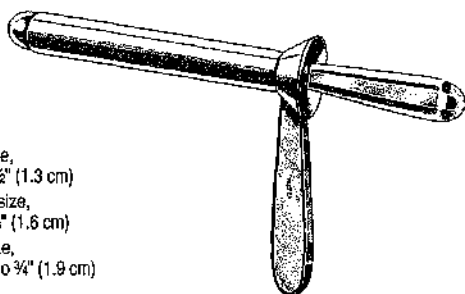
28-20 to 28-24



28-30 to 28-34

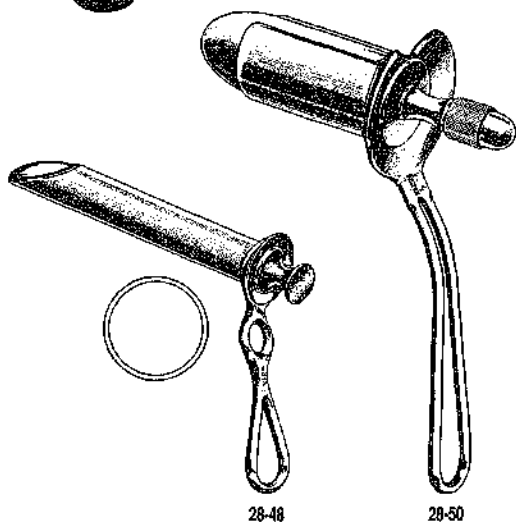


28-36
28-38



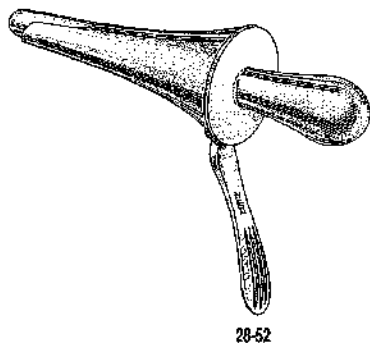
28-40
28-44

- 28-30 BRINKERHOFF Rectal Speculum, Small size,
3 1/2" (8.9 cm) long x 1" (2.5 cm) tapering to 1/2" (1.3 cm)
- 28-32 BRINKERHOFF Rectal Speculum, Medium size,
4" (10.2 cm) long x 1" (2.5 cm) tapering to 3/8" (1.6 cm)
- 28-34 BRINKERHOFF Rectal Speculum, Large size,
4 3/4" (12.1 cm) long x 1 1/4" (3.2 cm) tapering to 3/4" (1.9 cm)
- 28-36 KELLY Sphincteroscope 2 1/2" (5.4 cm) long x 1" (2.5 cm) O.D.
tapering to 1 3/8" (2.1 cm)
- 28-38 KELLY Sphincteroscope 2 1/4" (5.7 cm) long x 1 1/4" (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 5 1/2" (14 cm) long x 7/8" (2.2 cm) O.D.



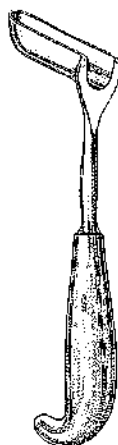
28-48

28-50

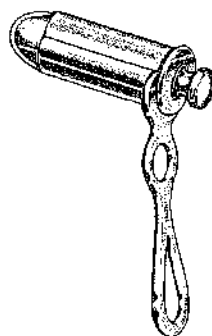


28-52

- 28-48 HIRSCHMAN Proctoscope 5" (12.7 cm)
long x $\frac{1}{8}$ " (2.4 cm) O.D.
- 28-50 FANSLER Operating Speculum 2 $\frac{1}{2}$ " (6.1 cm)
long x $\frac{1}{8}$ " (3.5 cm) O.D., slotted tube
- 28-52 BARR-SHUFORD Rectal Speculum 4 $\frac{1}{2}$ " (11.4 cm)
tapered from $\frac{1}{8}$ " (1.6 cm) to 2" (5.1 cm), chrome
- 28-68 HILL-FERGUSON Retractor 3 $\frac{1}{2}$ " (21.6 cm), small blade,
2.2 x 6.4 cm
- 28-69 HILL-FERGUSON Retractor 3 $\frac{3}{4}$ " (22.2 cm), large blade,
3 x 7.6 cm
- 28-79 CHELSEA EATON Anal Speculum 2 $\frac{1}{2}$ " (6.7 cm)
long x $\frac{1}{8}$ " (2.2 cm) O.D.
- 28-80 CHELSEA EATON Anal Speculum 2 $\frac{1}{2}$ " (6.7 cm)
long x $\frac{1}{4}$ " (3.2 cm) O.D.



28-68
28-69



28-79
28-80



28-100



28-104



28-106



28-108



28-109

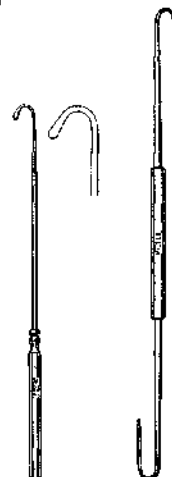


28-120
28-122
28-124



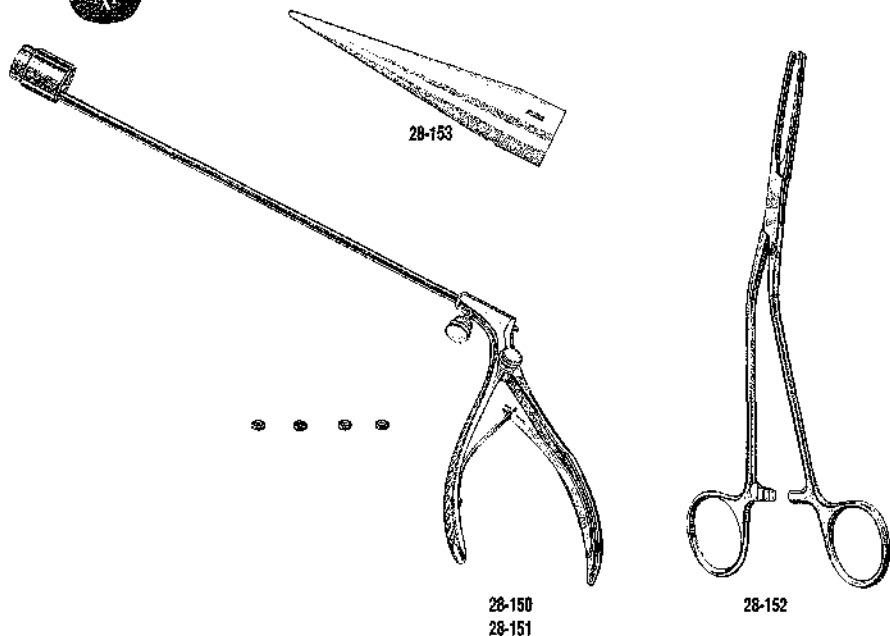
28-128
28-130

- 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

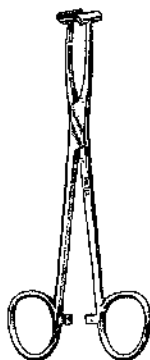


28-131

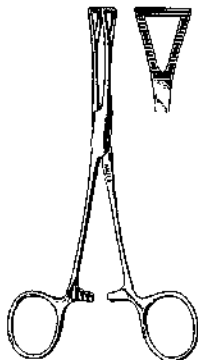
28-140



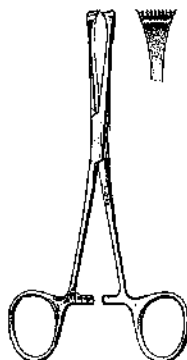
- 28-150** McGIVNEY Hemorrhoidal Ligator, improved model with offset handle for better vision and comfort. 7" (17.8 cm) working length. Can be disassembled entirely for cleaning. Supplied with drum loading cone and 100 Latex O-Rings.
- 28-151** Latex O-Rings for No. 28-150 Ligator. Bag with 100 rings.
- 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



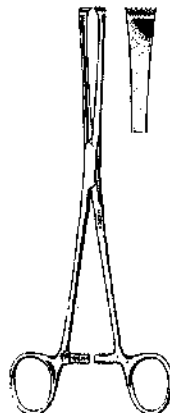
7-106



7-220

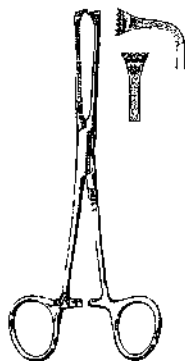


16-30

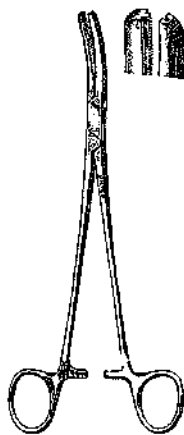


16-38

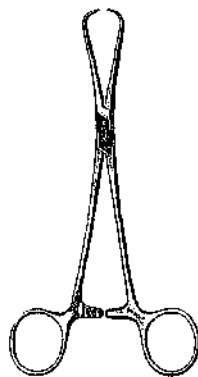
- | | |
|--------------|---|
| 7-106 | PRATT T-Shape Tissue Grasping Forceps 6" (15.2 cm) |
| 7-220 | PENNINGTON Tissue Grasping Forceps 6" (15.2 cm),
triangular jaws |
| 16-30 | ADAIR-ALLIS Tissue Forceps 6½" (16.5 cm), 9 x 10 teeth |
| 16-38 | THOMS-ALLIS Tissue Forceps 8" (20.3 cm), 6 x 7 teeth |



16-10
16-24

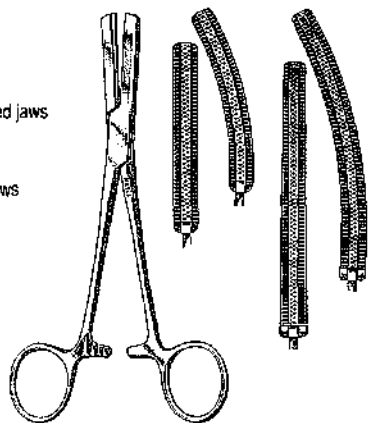


28-196



28-200

- 16-10 ALLIS Tissue Forceps $7\frac{1}{4}"$ (18.4 cm), 5 x 6 teeth, straight
16-24 ALLIS Tissue Forceps $7\frac{1}{4}"$ (18.4 cm), 5 x 6 teeth, 90° angled jaws
28-196 BUIE Pile Clamp $8\frac{1}{2}"$ (21.6 cm), curved angiotribe jaws
28-200 FERGUSON Tenaculum Forceps $6\frac{1}{4}"$ (17.1 cm), straight jaws
7-260 FERGUSON Angiotribe Forceps $6\frac{1}{2}"$ (16.5 cm), straight
7-262 FERGUSON Angiotribe Forceps $6\frac{1}{2}"$ (16.5 cm), curved
7-264 FERGUSON Angiotribe Forceps $7\frac{1}{2}"$ (19.1 cm), straight
7-266 FERGUSON Angiotribe Forceps $7\frac{1}{2}"$ (19.1 cm), curved



7-260 to 7-266



28-240



28-244

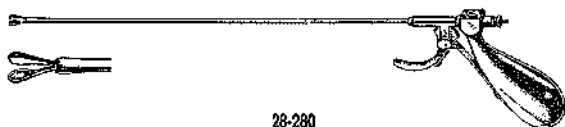


5-250
5D-251

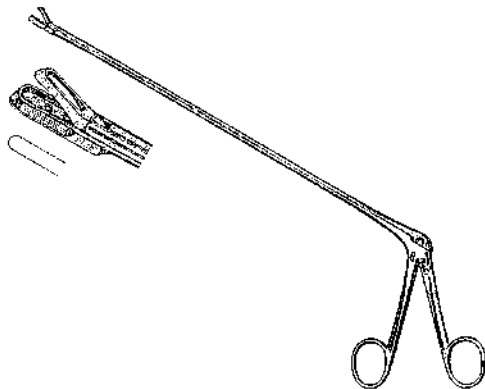


5-252
5D-253

- | | |
|---------------|---|
| 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** BUJE 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



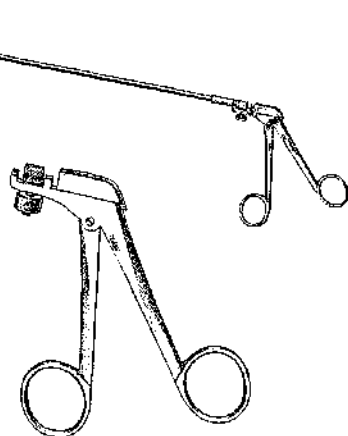
28-320
28-322
28-324
28-326
28-328
28-330



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

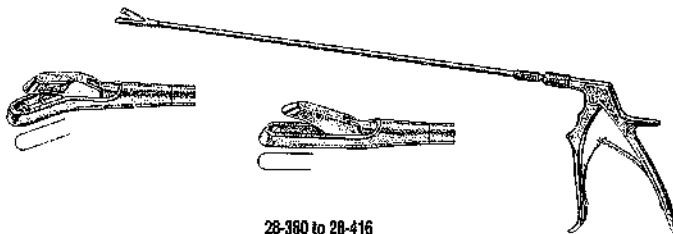
28-340 Ring Handle fitting Yeoman and Turrell Biopsy Forceps Nos. 28-300 to 28-330

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



28-360 to 28-416



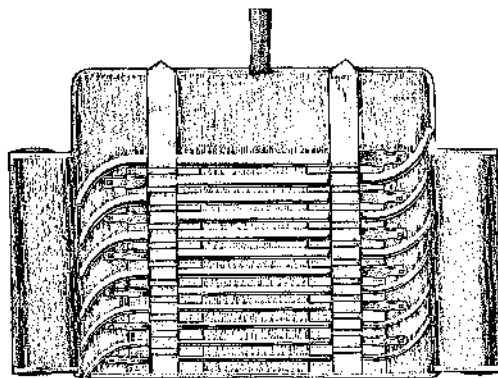
28-360



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 Millex 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)

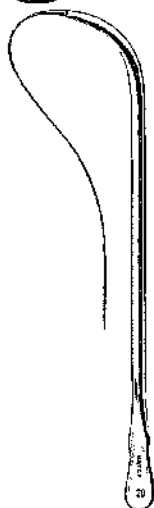
29-2 Set of 6 Sounds in Khaki Roll, even sizes 14 Fr. (4.6 mm) to 24 Fr. (8 mm)

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 $\frac{1}{4}$ " (14.6 cm), Size 8 Fr. (2.6 mm)
- 29-32-10 Female Catheter 5 $\frac{1}{4}$ " (14.6 cm), Size 10 Fr. (3.3 mm)
- 29-32-12 Female Catheter 5 $\frac{1}{4}$ " (14.6 cm), Size 12 Fr. (4 mm)
- 29-32-14 Female Catheter 5 $\frac{1}{4}$ " (14.6 cm), Size 14 Fr. (4.6 mm)
- 29-32-16 Female Catheter 5 $\frac{1}{4}$ " (14.6 cm), Size 16 Fr. (5.3 mm)
- 29-32-18 Female Catheter 5 $\frac{1}{4}$ " (14.6 cm), Size 18 Fr. (6 mm)

WALTHER FEMALE DILATOR-CATHETERS 5 $\frac{1}{4}$ " (13.3 cm)

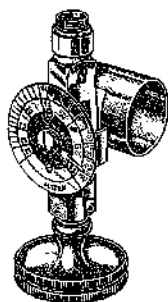
- | | | |
|--------------------------|--------------------------|---------------------------|
| 29-33-12 12 Fr. (4 mm) | 29-33-22 22 Fr. (7.3 mm) | 29-33-32 32 Fr. (10.6 mm) |
| 29-33-14 14 Fr. (4.6 mm) | 29-33-24 24 Fr. (8 mm) | 29-33-34 34 Fr. (11.2 mm) |
| 29-33-16 16 Fr. (5.3 mm) | 29-33-26 26 Fr. (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) | |



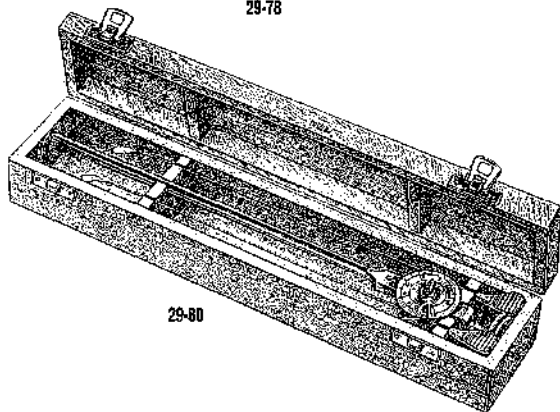
29-48



29-72

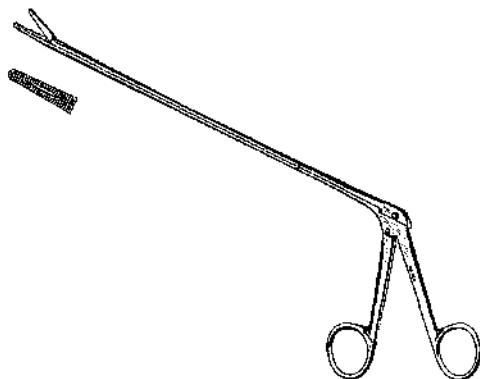


29-78

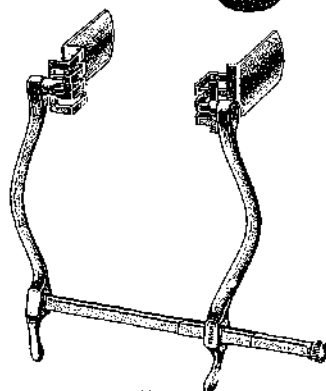


29-80

- 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



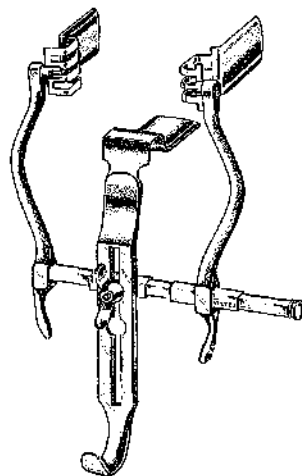
29-102



11-390

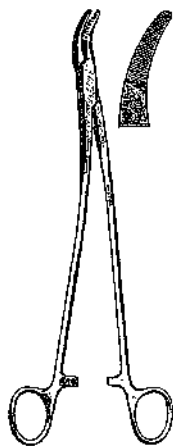


28-280

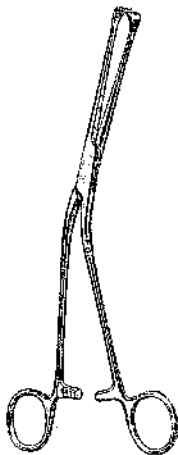


11-392

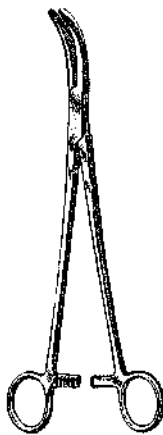
- 29-102** MATHIEU Urethral Forceps 11½" (29.2 cm) shaft, serrated jaws
3.5 mm x 17 mm
- 28-280** BRAASCH (BUIE) Bladder Biopsy Forceps 13" (33 cm) shaft,
3.5 mm cup jaws
- 11-390** MASSON-JUDD Bladder Retractor, with 2 swivel blades
1" (2.5 cm) x 2¾" (7 cm)
- 11-392** MASSON-JUDD Bladder Retractor, with 2 swivel blades
and center blade 1" (2.5 cm) x 2¾" (7 cm)



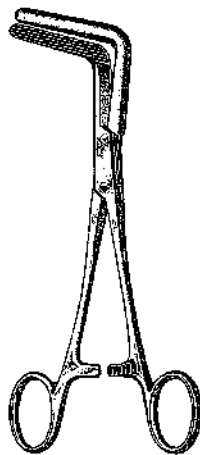
8-102



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

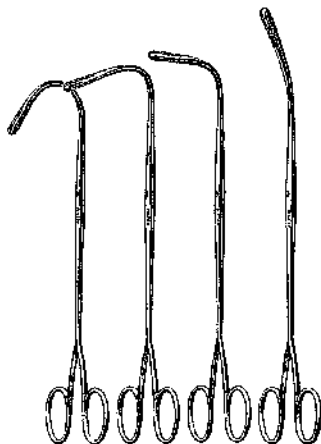
29-282 WERTHEIM-CULLEN Pedicle Clamp 8½" (21.6 cm), right angle jaws 2" (5.1 cm) long

29-284 RANDALL Kidney Stone Forceps 9¼" (23.5 cm), quarter curved

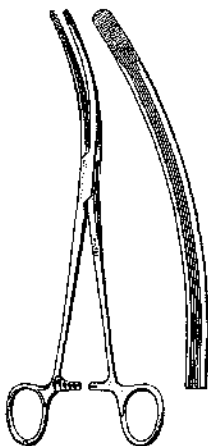
29-286 RANDALL Kidney Stone Forceps 8¾" (21 cm), half curved

29-288 RANDALL Kidney Stone Forceps 7¾" (19.7 cm), three quarter curved

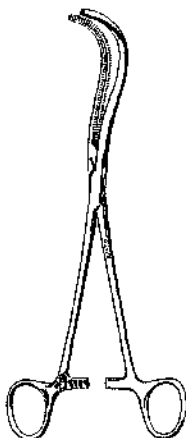
29-290 RANDALL Kidney Stone Forceps 7½" (19.1 cm), full curved



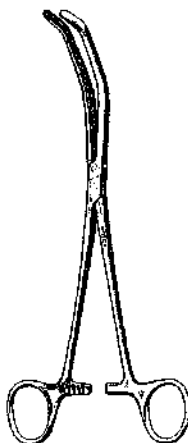
29-284 to 29-290



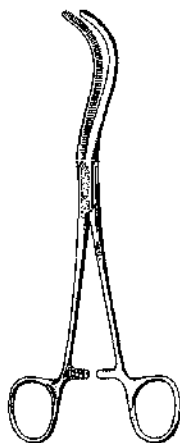
29-300



29-302



29-304



29-308

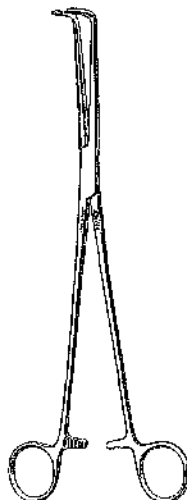
29-300 YOUNG Renal Pedicle Clamp 9" (22.9 cm), curved, longitudinal serrations with cross serrations at tip

29-302 STILLE Pattern Vessel Clamp 9" (22.9 cm)

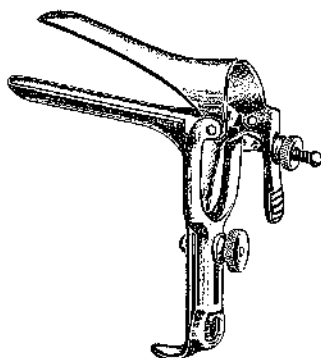
29-304 HERRICK Kidney Pedicle Clamp 9½" (24.1 cm), double angle jaws, serrated

29-308 MAYO (GUYON) Vessel Clamp 9¾" (23.5 cm), double curved jaws, serrated

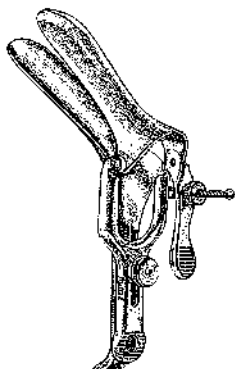
29-310TC BIHRLE Dorsal Clamp – Tungsten Carbide Needle Holder 11" (27.9 cm). Designed to aid in the fixation and suturing of the dorsal vein complex during retropubic prostatectomy for prostate cancer during cystectomy.



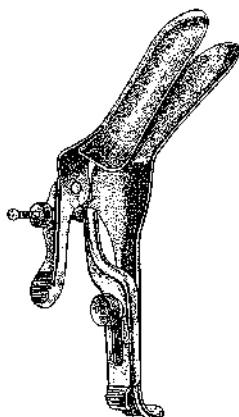
29-310TC



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 4½" (11.4 cm)

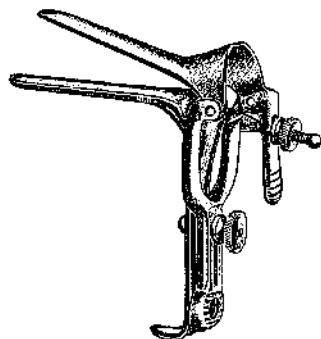
30-10B GRAVES Vaginal Speculum, Small Size $\frac{3}{4}$ " (1.9 cm) x 3" (7.6 cm), ebony finish

30-15B GRAVES Vaginal Speculum, Medium Size $1\frac{1}{8}$ " (3.5 cm) x 4" (10.2 cm), ebony finish

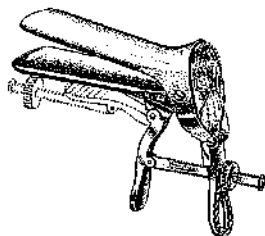
30-20B GRAVES Vaginal Speculum, Large Size $1\frac{1}{2}$ " (3.8 cm) x 4½" (11.4 cm), ebony finish

30-25 GRAVES Improved Vaginal Speculum, Medium Size $1\frac{1}{8}$ " (3.5 cm) x 4" (10.2 cm), wide angle blades

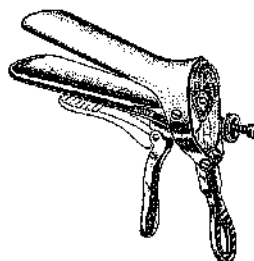
30-30 GRAVES Open Side Vaginal Speculum, Medium Size $1\frac{1}{8}$ " (3.5 cm) x 4" (10.2 cm), wide angle blades



30-50 to 30-62



30-75 to 30-85



30-70
30-90 to 30-100

PEDERSON VAGINAL SPECULA, NARROW BLADES

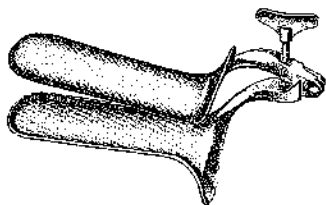
30-50	Small Size,	$\frac{1}{2}$ " (1.3 cm) x 3" (7.6 cm)
30-55	Medium Size	$\frac{3}{8}$ " (2.2 cm) x 4" (10.2 cm)
30-60	Large Size	1" (2.5 cm) x 4 $\frac{1}{4}$ " (12.1 cm)
30-62	PEDERSON Extra Narrow Vaginal Speculum $\frac{5}{8}$ " (1.6 cm) x 4" (10.2 cm) blades	

CUSCO VAGINAL SPECULA, with Folding Handles

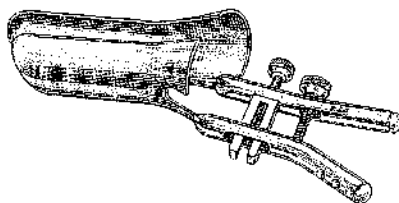
With Center Screw		Blade Sizes	With Side Screw
—	Extra Narrow	$\frac{3}{4}$ " (1.9 cm) x 3 $\frac{1}{4}$ " (8.3 cm)	30-70
30-75	Small	1 $\frac{1}{4}$ " (3.2 cm) x 3 $\frac{1}{2}$ " (8.9 cm)	30-80
30-80	Medium	1 $\frac{3}{8}$ " (3.5 cm) x 4" (10.2 cm)	30-95
30-85	Large	1 $\frac{3}{8}$ " (3.5 cm) x 4 $\frac{1}{2}$ " (11.4 cm)	30-100



Gynecological and Obstetrical Instruments



30-120 to 30-130



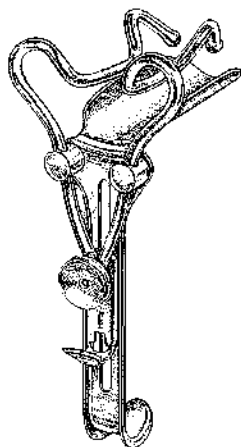
30-140 to 30-142

- 30-120** COLLIN Vaginal Speculum, Small Size 1 1/4" (3.2 cm) x 3 3/4" (9.5 cm)
30-125 COLLIN Vaginal Speculum, Medium Size 1 3/8" (3.5 cm) x 4" (10.2 cm)
30-130 COLLIN Vaginal Speculum, Large Size 1 5/8" (4.1 cm) x 4 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

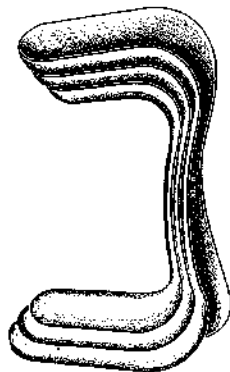
- 30-140** Small Size, 3 1/2" (8.9 cm) x 3/8" (2.2 cm) blades
30-141 Medium Size, 4" (10.2 cm) x 1 1/4" (3.2 cm) blades
30-142 Large Size, 5" (12.7 cm) x 1 3/8" (3.5 cm) blades
30-180 GUTMANN Vaginal Speculum, Examining Type, 1 3/8" (3.5 cm) x 4" (10.2 cm), self-retaining



30-180



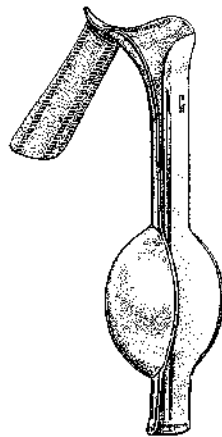
30-174 to 30-178



30-210 to 30-220



30-186 to 30-188

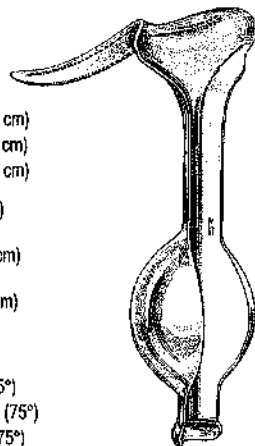


30-193

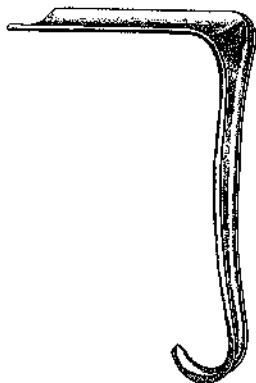
- 30-174** SIMS Vaginal Speculum, Single End, Small Size $1\frac{1}{4}$ " (2.7 cm) x $2\frac{1}{2}$ " (6.4 cm)
30-176 SIMS Vaginal Speculum, Single End, Medium Size $1\frac{1}{4}$ " (3.2 cm) x 3" (7.6 cm)
30-178 SIMS Vaginal Speculum, Single End, Large Size $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{2}$ " (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 $1\frac{1}{4}$ " (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 $1\frac{3}{4}$ " (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)

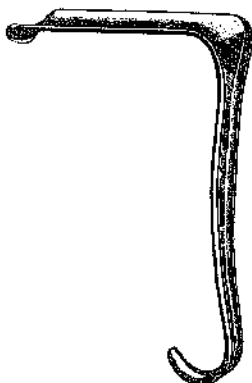
- 30-186** 2 lbs. (909 g), straight blade $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{4}$ " (8.3 cm), slightly angled (75°)
30-187 2.5 lbs. (1136 g), straight blade $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{4}$ " (8.3 cm), slightly angled (75°)
30-188 3 lbs. (1363 g), straight blade $1\frac{1}{2}$ " (3.8 cm) 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 $1\frac{1}{4}$ " (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



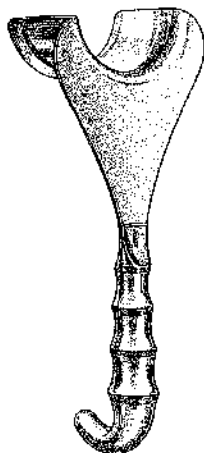
30-195



30-300 to 30-310

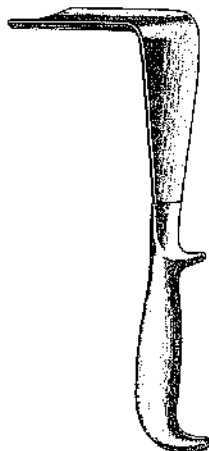


30-320 to 30-330

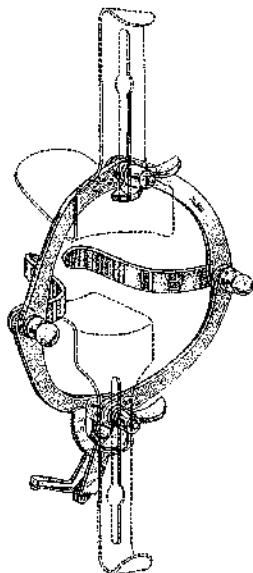


30-340

- | | |
|--------|---|
| 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 2¾" (5.7 cm) x 3½" (8.9 cm) |



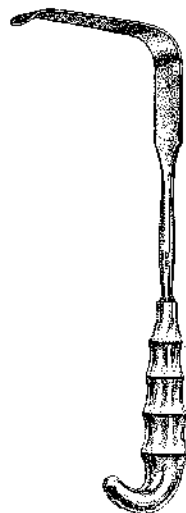
30-395 to 30-415



30-370

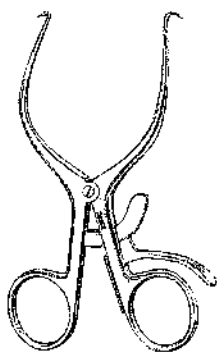


11-180 to 11-184

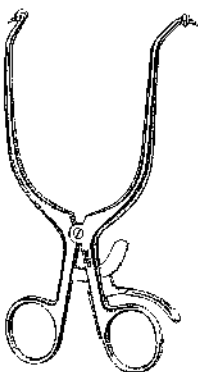


11-185

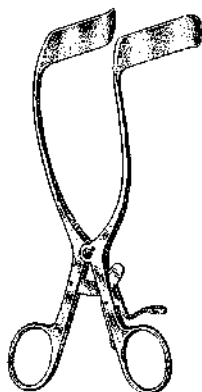
- 30-370** O'SULLIVAN-O'CONNOR Self-Retaining Vaginal Retractor, complete with 3 interchangeable blades $\frac{1}{2}$ " (1.3 cm) x $1\frac{1}{8}$ " (4.7 cm), $1\frac{1}{2}$ " (3.8 cm) x $3\frac{1}{2}$ " (8.9 cm) and $1\frac{3}{4}$ " (4.4 cm) x $3\frac{1}{2}$ " (8.9 cm)
- 11-180** HEANEY Hysterectomy 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 $3\frac{1}{2}$ " (8.9 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

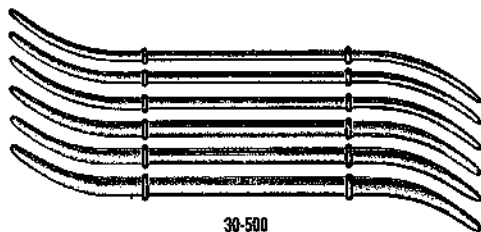


11-368



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

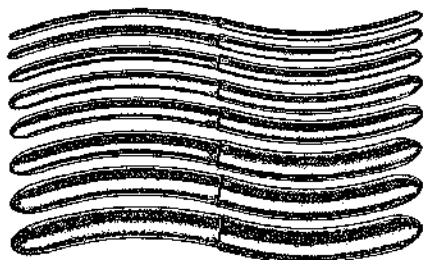
30-515 Set of 14 Dilators in Khaki Roll, Sizes 4 to 17 mm

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		

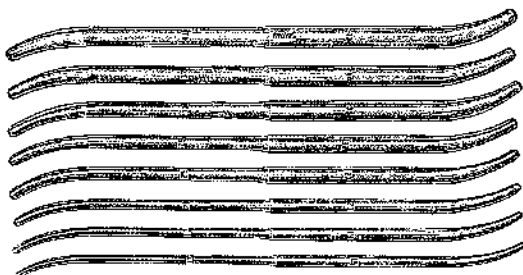


Gynecological and Obstetrical Instruments



30-550

30-555



30-560

30-561

HEGAR UTERINE DILATORS 7½" (19.1 cm), DOUBLE END

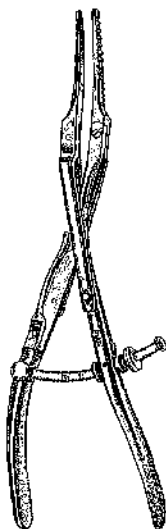
30-550 Set of 8 Dilators in Khaki Roll, sizes 3-5 mm to 17-18 mm

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. (4.3-4.8 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 10 1/2" (26.7 cm), straight

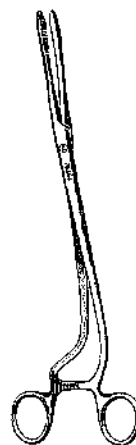
- 7-622 BOZEMAN Uterine Dressing Forceps 10 1/2" (26.7 cm), double curved, standard model

- 7-624 BOZEMAN Uterine Dressing Forceps 10 1/2" (26.7 cm), double curved, with one large finger ring

- 30-835 CHERON Uterine Dressing Forceps 10 1/2" (26.7 cm), rings angled sideways, serrated jaws 8 x 25 mm



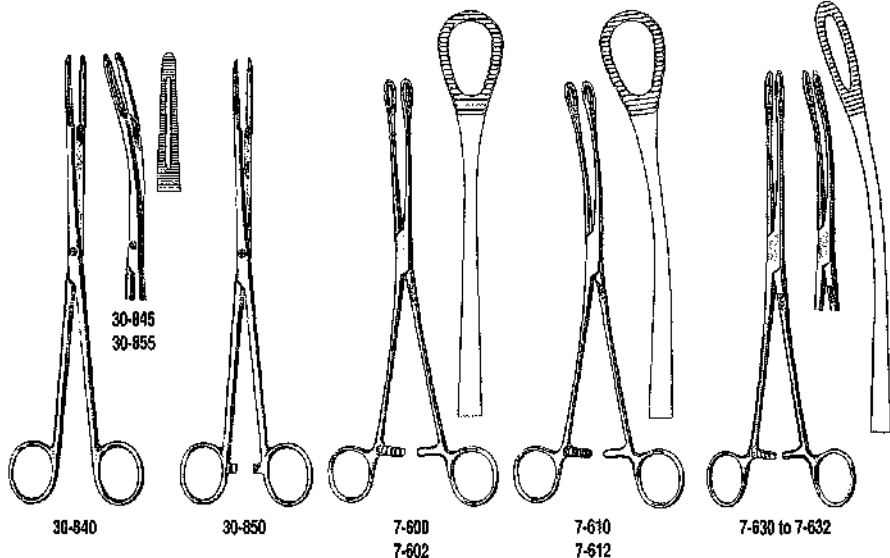
7-624



30-835



Gynecological and Obstetrical Instruments



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

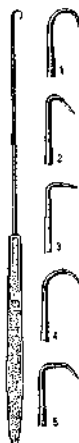
Gynecological and Obstetrical Instruments



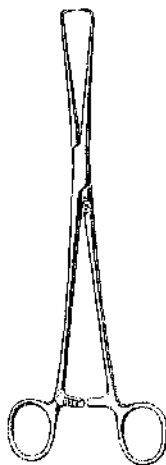
30-940



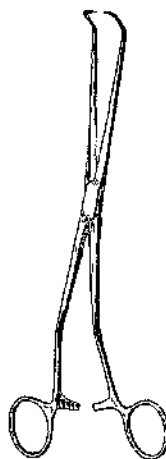
30-950



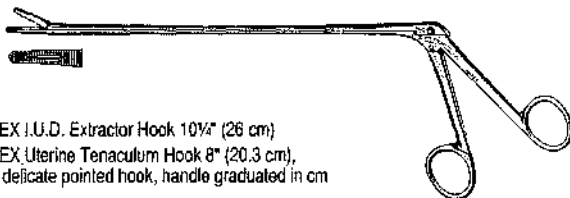
30-951 to 30-955



30-965



30-970



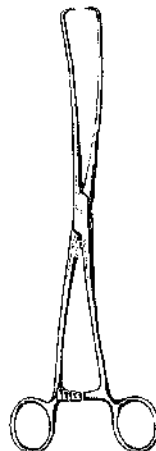
29-102

- 30-940 MILTEX I.U.D. Extractor Hook 10 $\frac{1}{4}$ " (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 | | |

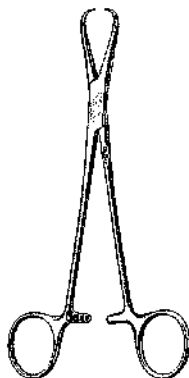
- 30-965 SCHROEDER-BRAUN Uterine Tenaculum Forceps 9 $\frac{1}{4}$ " (24.6 cm), straight
 30-970 KAHN Uterine Tenaculum Forceps 9 $\frac{1}{2}$ " (24.1 cm), angled jaws and bent shanks
 29-102 MATHIEU I.U.D. Removal Forceps 11 $\frac{1}{2}$ " (29.2 cm) shaft, serrated jaws
 3.5 mm x 17 mm
 30-975 DUPLAY Uterine Tenaculum Forceps 11" (27.9 cm), double curved



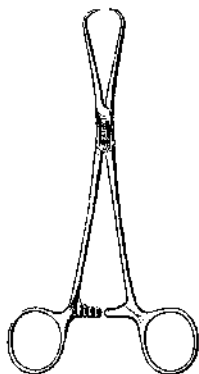
30-975



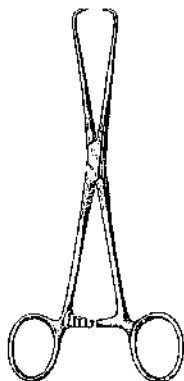
Gynecological and Obstetrical Instruments



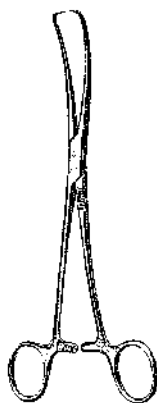
16-51



28-200



30-985

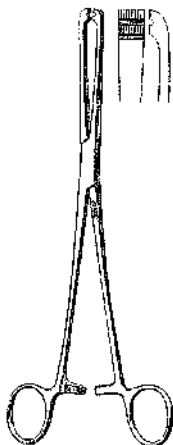


30-988

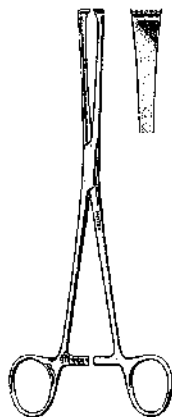
- 16-51** ADAIR Breast or Uterine Tenaculum Forceps
6½" (16.5 cm), straight
- 28-200** STAUE-MOORE (FERGUSON) Tenaculum Forceps
6¾" (17.1 cm), straight
- 30-985** BARRETT Uterine Tenaculum Forceps 7¼" (18.4 cm), straight
- 30-988** JARCHO Uterine Tenaculum Forceps 8" (20.3 cm),
double curved
- 30-990** 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



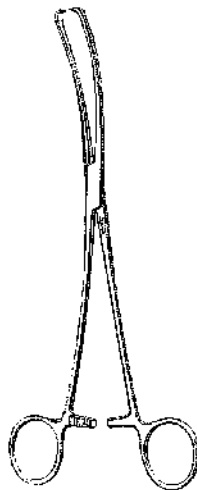
V930-856



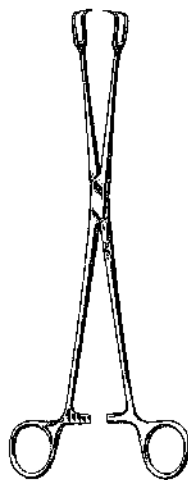
16-38



30-997



30-998



30-1000

16-38 THOMS-ALLIS Vulsellum Forceps 8" (20.3 cm), 6 x 7 teeth

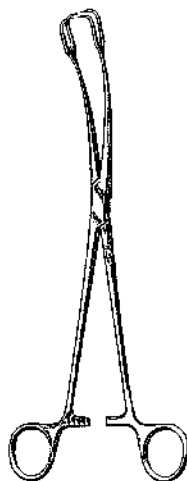
30-997 TEALE Vulsellum Forceps 10" (25.4 cm), curved sideways, 3 x 4 teeth, 5 mm wide

30-998 KELLY Vulsellum Forceps 9 1/4" (23.5 cm), curved sideways, 4 x 5 teeth, 7.7 mm wide

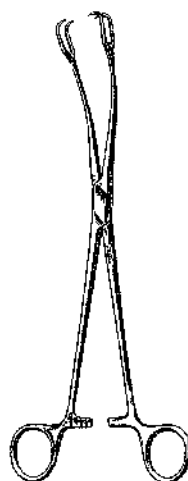
30-1000 SCHROEDER Uterine Vulsellum Forceps 10" (25.4 cm), straight

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



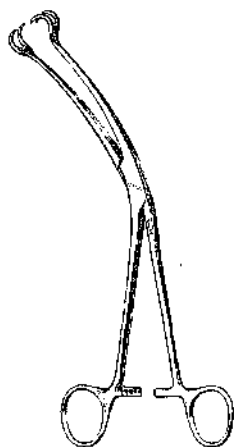
30-1005



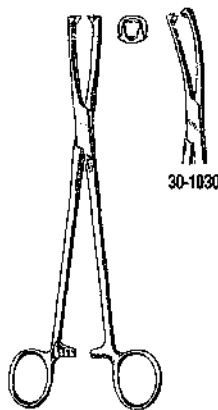
30-1010



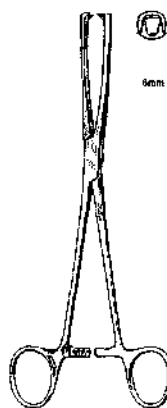
Gynecological and Obstetrical Instruments



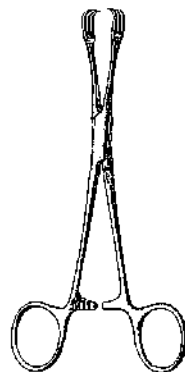
30-1020



30-1025



30-1030



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

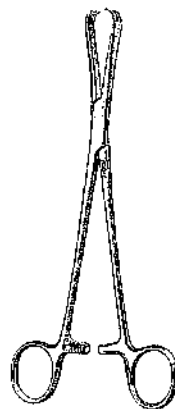
MUSEUX UTERINE VULSELLUM FORCEPS

9½" (24.1 cm), 2 x 2 teeth

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

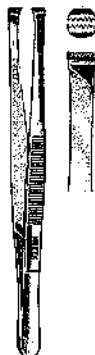
30-1077 GORDON Uterine Vulsellum Forceps 9" (22.9 cm), straight, heavy pattern, 3 x 3 teeth



30-1077



6-128



6-134
6-136



6-204



6-142 to 6-145

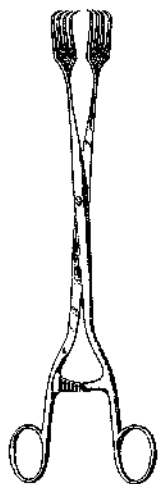


6-210

- 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



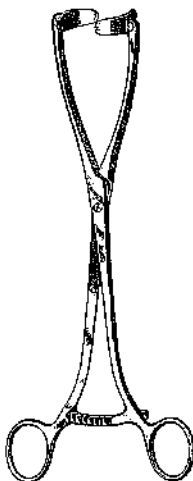
Gynecological and Obstetrical Instruments



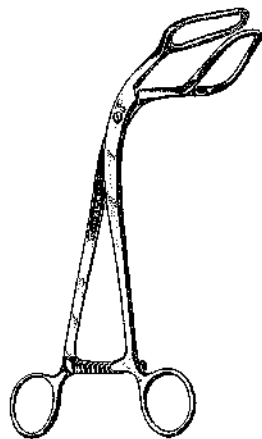
30-1150



30-1160



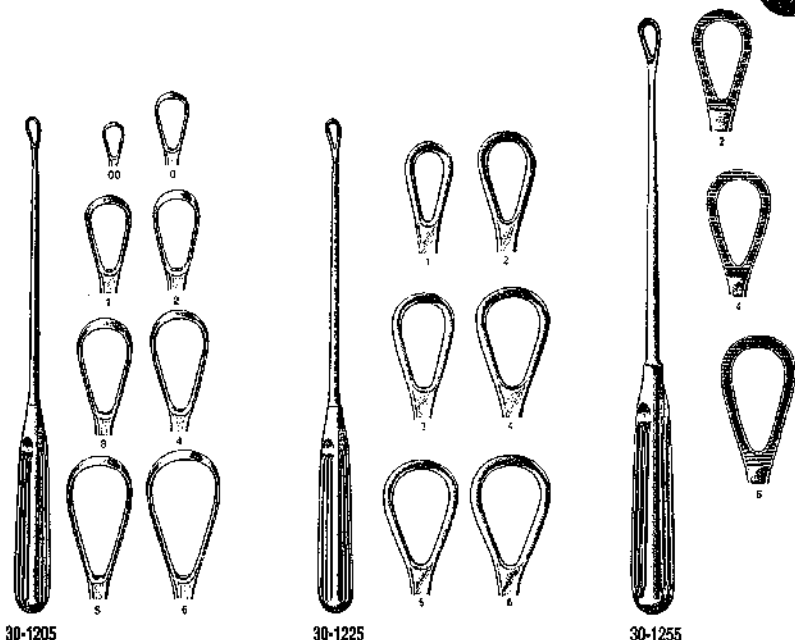
30-1185



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

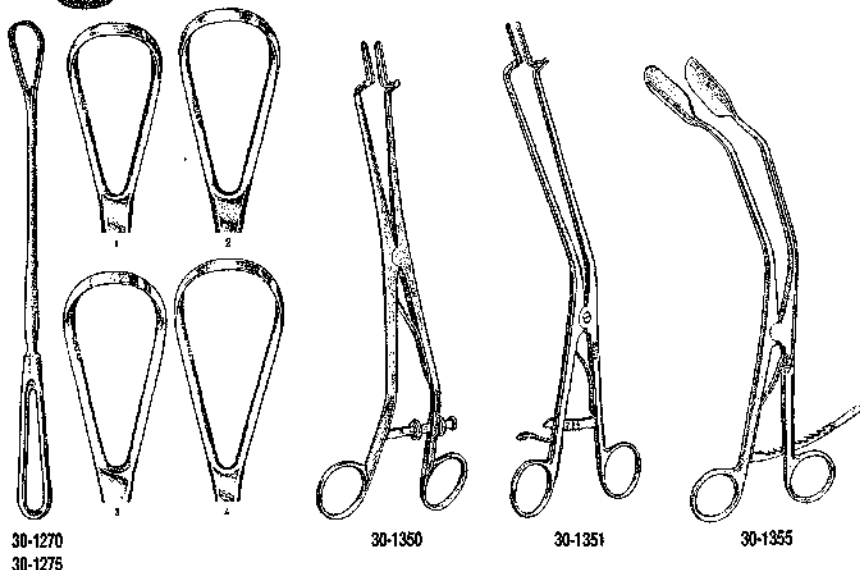
30-1255-2 GREENE Uterine Curette 11" (27.9 cm), Serrated Blunt Blade on Malleable Shank, Size 2

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 8¾" (21 cm) with extra long thumb ratchet retracts up to a full 2¼" (5.7 cm) for an extra wide viewing area.



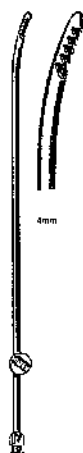
30-1380



30-1382
30-1383



30-1385

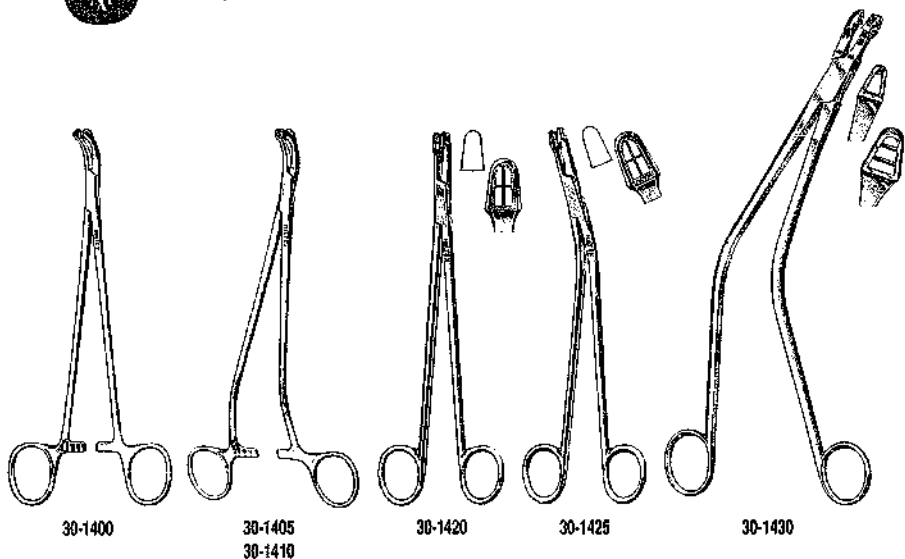


30-1390 to 30-1392

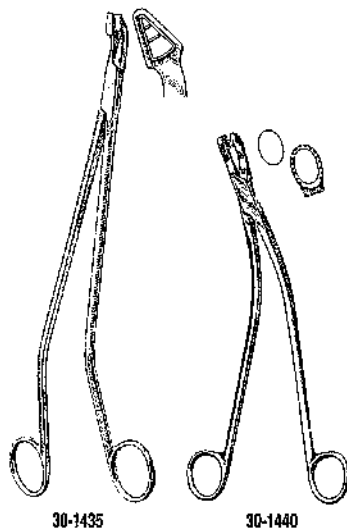


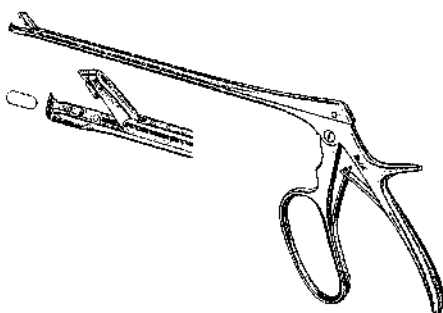
30-1395

- 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.

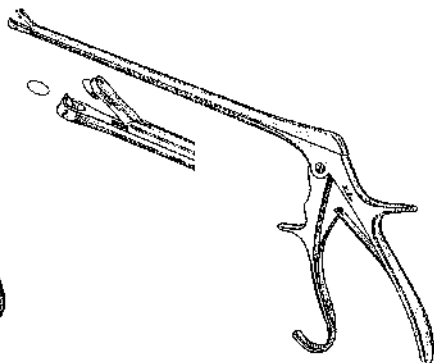


- 30-1400 GAYLOR Uterine Biopsy Forceps 8½" (21.6 cm), straight shanks, curved jaws, 5 mm bite, interfitted cups
- 30-1405 THOMS-GAYLOR Uterine Biopsy Forceps 8½" (21.6 cm), angled shanks, curved jaws, 5 mm bite, interfitted cups
- 30-1410 THOMS-GAYLOR Uterine Biopsy Forceps 9½" (24.1 cm), angled shanks, curved jaws, 5 mm bite, interfitted cups
- 30-1420 SCHUBERT Uterine Biopsy Forceps 8½" (21.6 cm), straight shanks, curved jaws, 5 mm bite, interfitted cups
- 30-1425 SCHUBERT Uterine Biopsy Forceps 8½" (21.6 cm), curved shanks, curved jaws, 5 mm bite, interfitted cups
- 30-1430 SCHUBERT Uterine Biopsy Forceps 11" (27.9 cm), angled shanks, curved jaws, 5 mm bite, interfitted cups
- 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

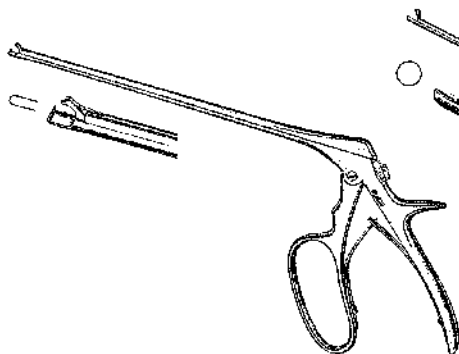




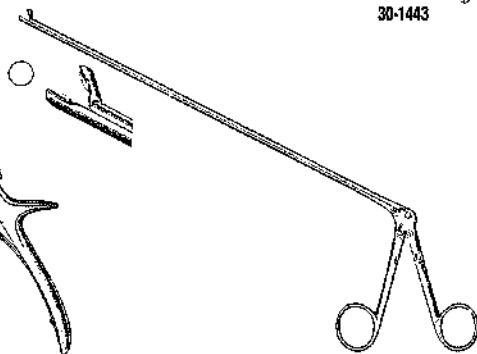
30-1442



30-1443



30-1445

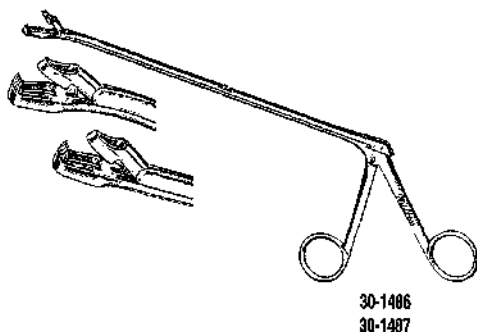
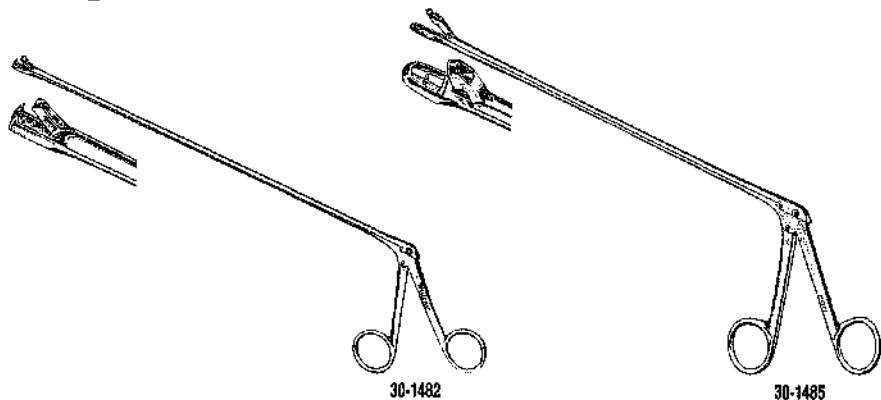


30-1480

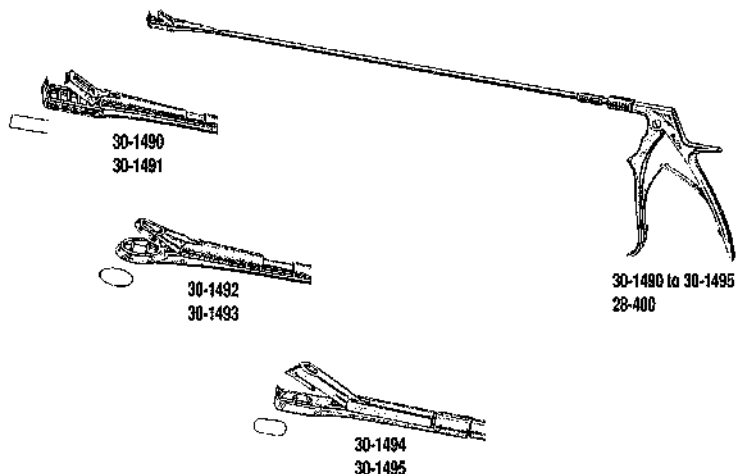
- 30-1442** TISCHLER Cervical Biopsy Punch Forceps 9¾" (24.8 cm) shaft, 6 x 3 x 1.5 mm bite
- 30-1443** BURKE (Modified Baby TISCHLER) Cervical Biopsy Punch Forceps 7¾" (19.7 cm) shaft, 4.5 x 3 x 1.5 mm bite
- 30-1445** TOWNSEND 'Mini-bite' Cervical Biopsy Punch Forceps 7½" (19.1 cm) shaft, 4.2 x 2.3 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



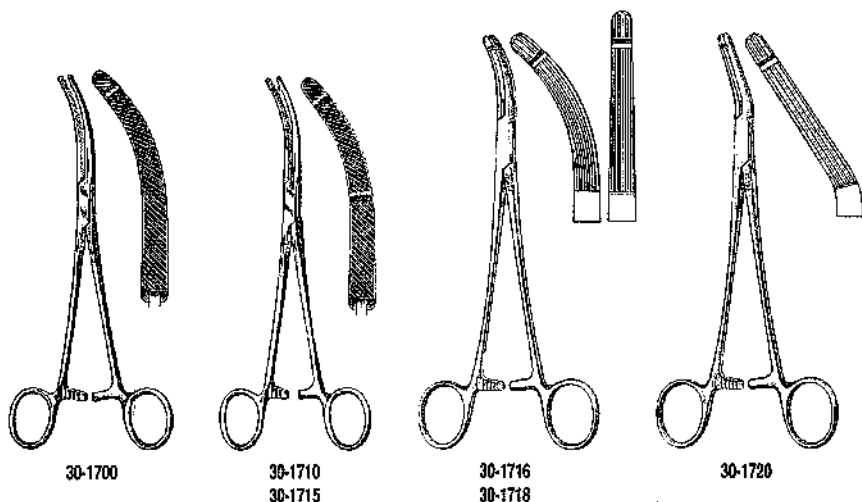
- 30-1482** KEVORKIAN-YOUNGE Uterine Biopsy Forceps
9½" (24.1 cm) shaft, 3.5 x 8 mm bite, teeth on lower jaw
- 30-1485** EPPENDORFER Uterine Biopsy Forceps, 8½" (21.6 cm) shaft
- 30-1486** WITTNER Uterine Biopsy Forceps 8½" (21.6 cm) shaft, with teeth
on lower jaw, standard model with angled tip
- 30-1487** WITTNER Uterine Biopsy Forceps 8½" (21.6 cm) shaft, with teeth
on lower jaw, straight tip



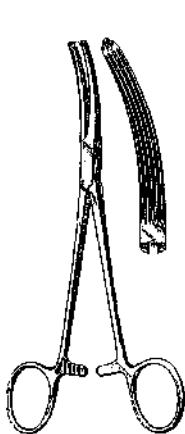
MILTEX ROTATING SHAFT UTERINE BIOPSY FORCEPS

9" (22.9 cm) shafts are interchangeable on Pistol Grip Spring Handles

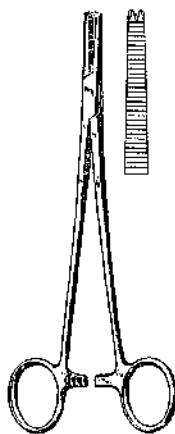
- 30-1490** KEVORKIAN-YOUNGE Biopsy Forceps, 3.5 x 8 mm bite, teeth on lower jaw, complete with Pistol Grip Handle
- 30-1491** KEVORKIAN-YOUNGE Biopsy Forceps, Shaft only
- 30-1492** EPPENDORFER-KRAUSE Biopsy Forceps, oval 4.5 x 6.5 mm bite, complete with Pistol Grip Handle
- 30-1493** EPPENDORFER-KRAUSE 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 Miltek Rotating Shaft Uterine Biopsy Forceps (this handle also fits Rectal Biopsy Punches Nos. 28-380 to 28-416)



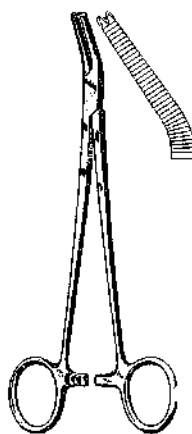
- 30-1700** HEANEY Hysterectomy Forceps 8¼" (21 cm), heavy pattern, single tooth, curved
- 30-1710** HEANEY Hysterectomy Forceps 8¼" (21 cm), heavy pattern, double tooth, curved
- 30-1715** HEANEY Hysterectomy Forceps 9¾" (24.8 cm), extra heavy pattern, double tooth, curved
- 30-1716** HEANEY-BALLENTINE 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



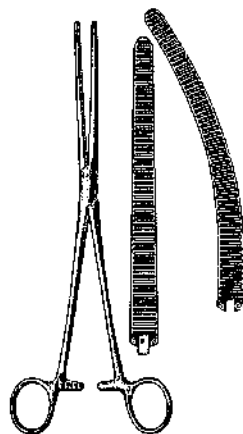
30-1730



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

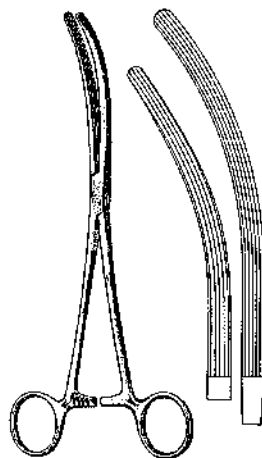
30-1740 PHANEUF Uterine Artery Forceps 8" (20.3 cm), horizontal serrated jaws, 1 x 2 teeth, angled on flat

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

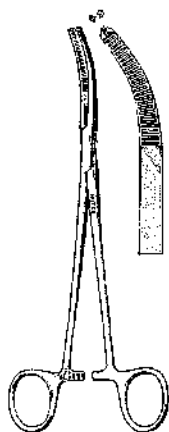


30-1805

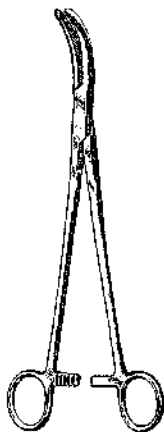
30-1815



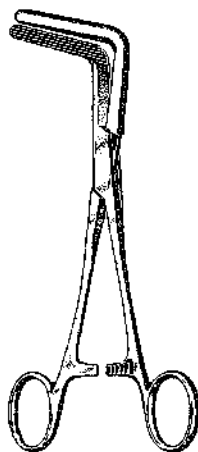
Gynecological and Obstetrical Instruments



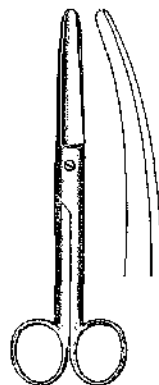
7-190



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 9 1/4" (24.8 cm), curved, 2" (5.1 cm) jaws
- 29-282** WERTHEIM-CULLEN Pedicle Forceps 8 1/2" (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



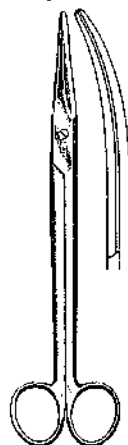
5-250
5-252



5D-251



5D-253



5-128
5-130

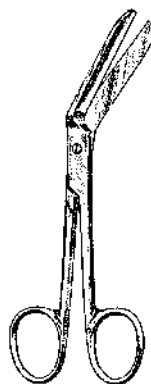
SIMS UTERINE SCISSORS 8" (20.3 cm)

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 8½" (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

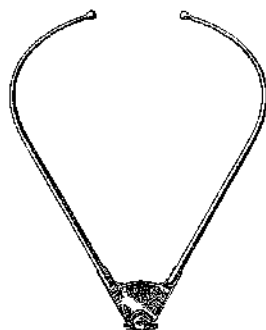


30-2210

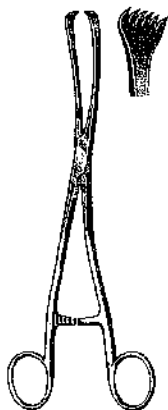


30-2230

- 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 10 1/4" (26 cm), double curved, 6 x 6 teeth

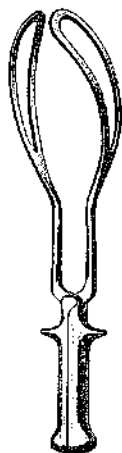
30-2260 BEACHAM Amniotome 10 1/4" (26 cm)

30-2300 SIMPSON Obstetrical Forceps, Long Model, 14" (35.6 cm)

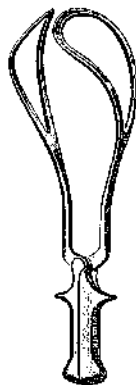
30-2305 SIMPSON Obstetrical Forceps, Short Model, 12" (30.5 cm)



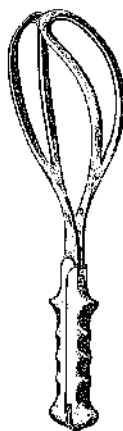
Gynecological and Obstetrical Instruments



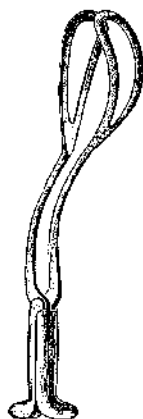
30-2315



30-2320

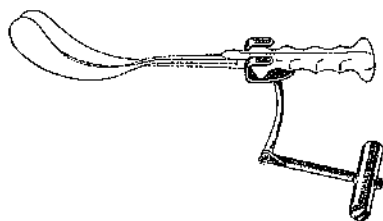


30-2330

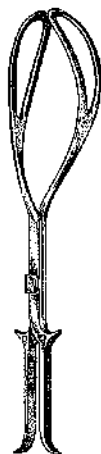


30-2335

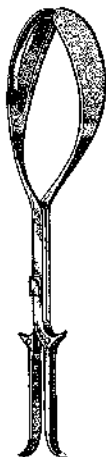
- 30-2315 DE LEE Obstetrical Forceps, Standard Model, 14" (35.6 cm)
- 30-2320 DE LEE Obstetrical Forceps, Short Model, 12" (30.5 cm)
- 30-2330 ELLIOTT Obstetrical Forceps, Short Model, 12½" (31.8 cm)
- 30-2335 PIPER Obstetrical Forceps 17½" (44.5 cm)
- 30-2345 BILL Traction Handle, for use with any O.B. Forceps having standard type handle



30-2345



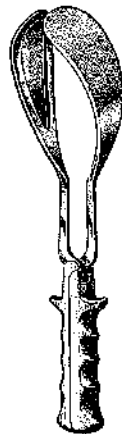
30-2350



30-2355



30-2390



30-2400

- 30-2350 KIELLAND Obstetrical Forceps 15½" (39.4 cm)
- 30-2355 KIELLAND-LUKART Obstetrical Forceps 15½" (39.4 cm), solid blades
- 30-2390 LUKART Obstetrical Forceps 15½" (39.4 cm), solid blades
- 30-2400 SIMPSON-LUKART Obstetrical Forceps 14" (35.6 cm), solid blades



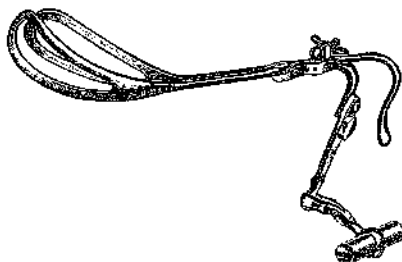
Gynecological and Obstetrical Instruments



30-2410

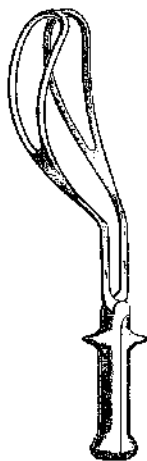


30-2415



30-2430

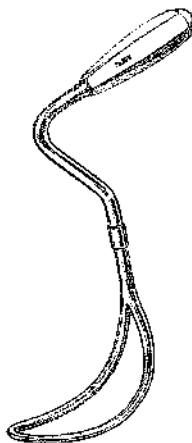
- 30-2410** McLEAN-LUIKART Obstetrical Forceps 15 $\frac{3}{4}$ " (40 cm), solid blades, long shanks
- 30-2415** McLEAN-TUCKER-LUIKART Obstetrical Forceps 15 $\frac{3}{4}$ " (40 cm), solid blades, long shanks
- 30-2430** DEWEY Obstetrical Forceps 14" (35.6 cm), with Axis Traction



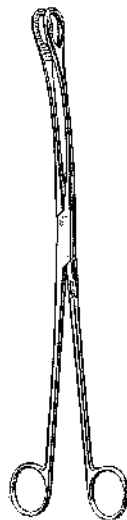
30-2435



30-2445



30-2450



30-2505

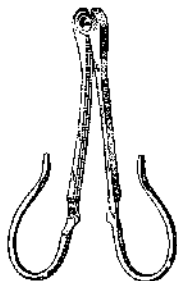
- 30-2435 HAWKS-DENNEN Obstetrical Forceps 15" (38.1 cm)
- 30-2445 BAILEY-WILLIAMSON Obstetrical Forceps 15½" (39.4 cm)
- 30-2450 MURLESS Head Extractor 10" (25.4 cm), with hinged shaft and sliding collar lock
- 30-2505 KELLY Placenta Forceps 12½" (31.8 cm), serrated ring jaws, slightly curved



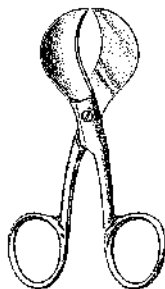
Gynecological and Obstetrical Instruments



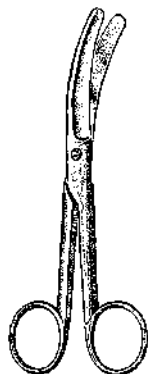
30-2530
30-2535



30-2560



30-2575

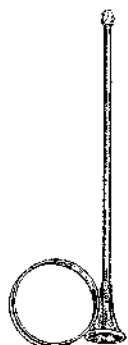


30-2580

- 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



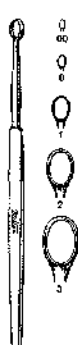
30-2632



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.)		

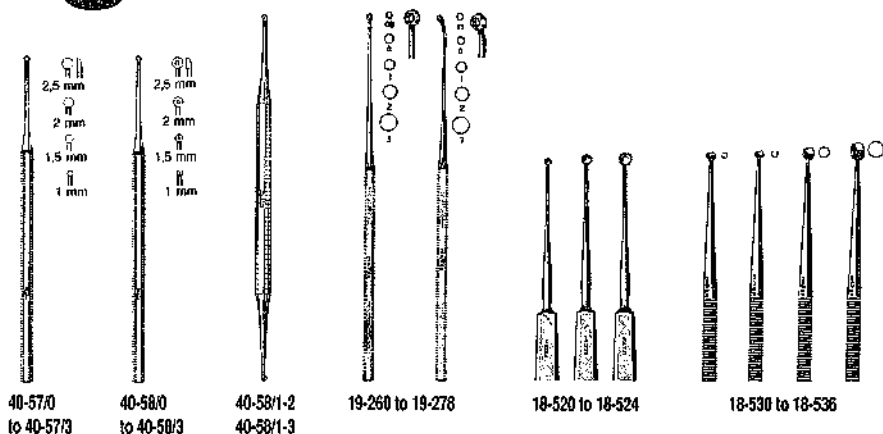
PIFFARD DERMAL CURETTES 5½" (14 cm), oval, narrow handles

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	MILTEK Dermal Curette 6¼" (15.9 cm), oval spoon size 0 (3 mm dia.)
33-13	MILTEK Dermal Curette 6¼" (15.9 cm), oval spoon size 1 (4 mm dia.)
33-14	MILTEK Dermal Curette 6¼" (15.9 cm), oval spoon size 2 (5 mm dia.)
33-15	MILTEK Dermal Curette 6¼" (15.9 cm), oval spoon size 3 (6 mm dia.)
40-54	MILTEK 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.

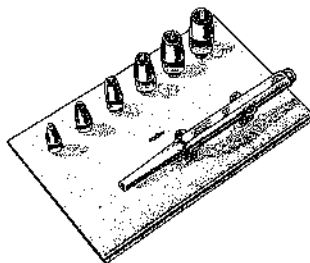
BUCK CURETTES 6½" (16.5 cm), Sharp

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

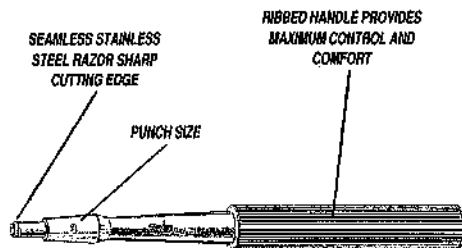
- 18-520 SKEELE Curette 5" (12.7 cm), round 1 mm cup, serrated edge
18-522 SKEELE Curette 5" (12.7 cm), round 2 mm cup, serrated edge
18-524 SKEELE Curette 5" (12.7 cm), round 2.5 mm cup, serrated edge
18-530 HEATH Curette 4" (10.2 cm), Size 0, one sharp and one blunt edge, 0.5 mm
18-532 HEATH Curette 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

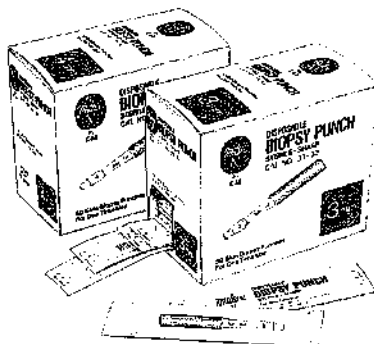
KEYES DERMAL PUNCHES 4" (10.2 cm)

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, 3 1/2" (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 Biopsy Punches – made by Kai
Each Sterile Biopsy Punch is sealed in a peel-apart see-through package.
Packed 50 Biopsy 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

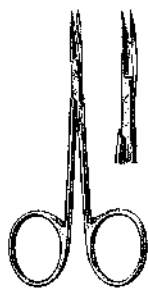


5-306

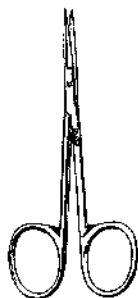


5-308

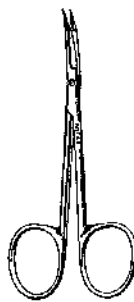
For Carb-N-Sert Scissors with tungsten carbide inserts
and SuperCut Scissors see pages 55 - 63



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

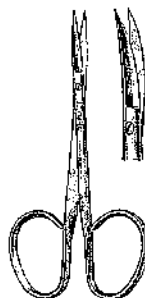
18-1405 MILTEX Iris Scissors 4" (10.2 cm), curved, heavy pattern

18-1415* Iris Scissors 4" (10.2 cm), straight, standard pattern, ribbon type

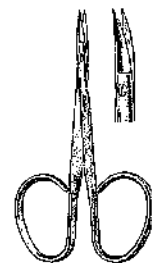
18-1416* Iris Scissors 4" (10.2 cm), curved, standard pattern, ribbon type

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

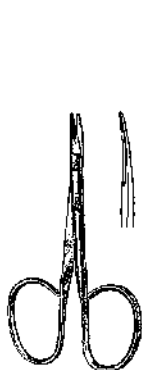


18-1415*
18-1416*

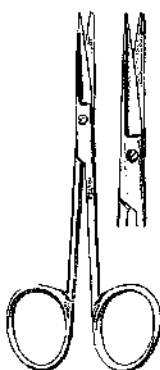


18-1417*
18-1418*

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



18-1419*



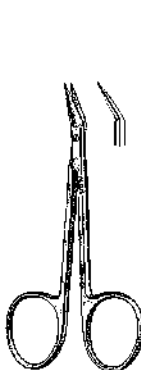
18-1420

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

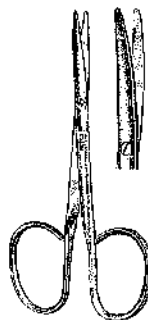
5-314 Strabismus Scissors 4" (10.2 cm), curved

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



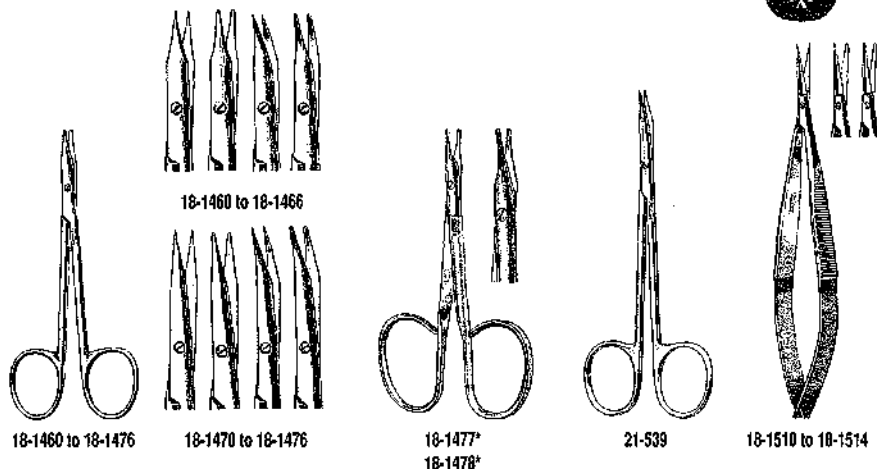
5-314



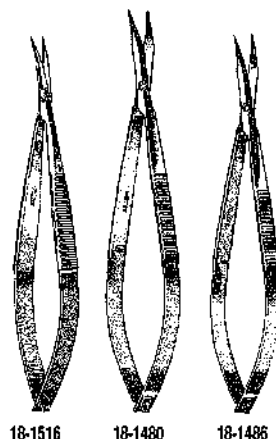
18-1453*

18-1454*

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



- 18-1460 to 18-1466**
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



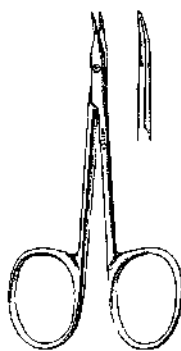
*Ribbon Type Scissors have extra large finger rings; shanks and rings have satin finish; blades are highly polished



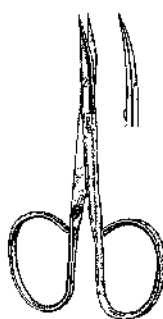
33-240



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



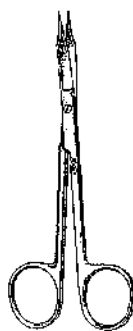
5-180



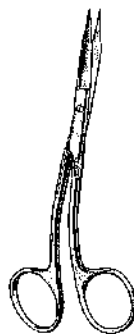
5-284



5-290



5-320



5D-322

5-180

METZENBAUM Scissors 5 1/4" (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

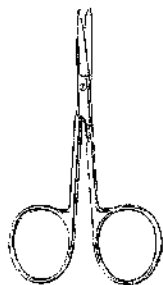
5D-324

LA GRANGE Scissors 4 1/4" (10.8 cm), curved, one serrated blade, angled shanks

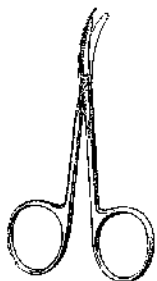


5D-324

For Carb-N-Sert Scissors with tungsten carbide inserts
and SuperCul Scissors see pages 55 - 63



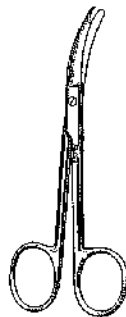
9-100



9-101



9-102

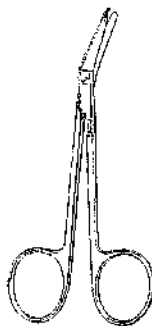


9-103

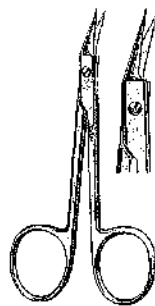


9-104

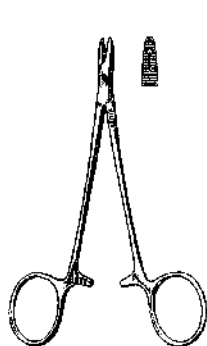
- 9-100 SPENCER Stitch Scissors $3\frac{1}{2}$ " (8.9 cm), delicate
- 9-101 SHORTBENT Stitch Scissors $3\frac{1}{2}$ " (8.9 cm), curved, delicate
- 9-102 LITTAUER JR. Stitch Scissors $4\frac{1}{2}$ " (11.4 cm), light pattern
- 9-103 NORTHBENT Stitch Scissors $4\frac{3}{4}$ " (12.1 cm), curved, light 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



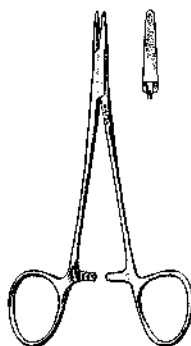
9-108



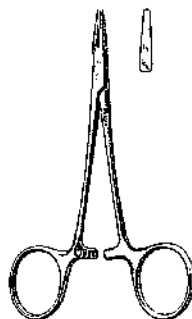
9-110



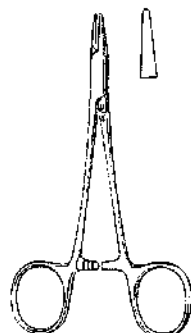
8-4



8-6

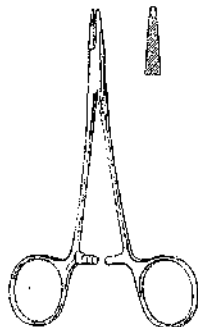


8-7



8-8

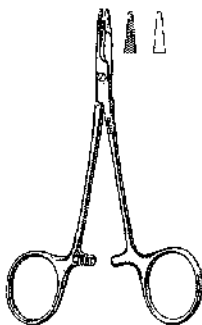
- 8-4** DERF Needle Holder 4¾" (12.1 cm)
- 8-6** WEBSTER Needle Holder 5" (12.7 cm), delicate smooth jaws, standard pattern
- 8-7** WEBSTER Needle Holder 4¾" (12.1 cm), extra delicate smooth jaws
- 8-8** HALSEY Needle Holder 5" (12.7 cm), smooth jaws
- 8D-36** HALSEY Needle Holder 5" (12.7 cm), serrated jaws



8D-36

For additional Needle Holders see pages 112 - 121

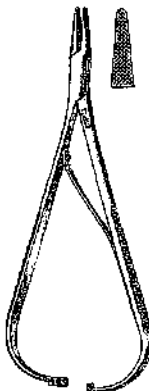
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



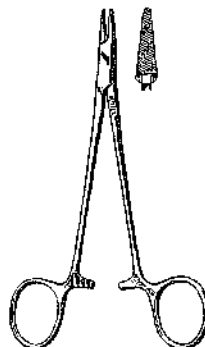
8-14
8-14A



8-26



8-28

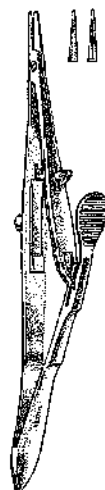


8-40

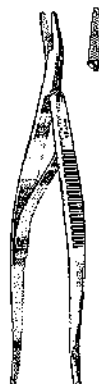
- 8-14** OLSEN-HEGAR Needle Holder-Scissor Combination 4¼" (12.1 cm), serrated jaws, extra delicate
- 8-14A** OLSEN-HEGAR Needle Holder-Scissor Combination 4¼" (12.1 cm), smooth jaws, extra delicate
- 8-26** BOYNTON Needle Holder 5" (12.7 cm), delicate
- 8-28** MATHIEU Needle Holder 5½" (14 cm), with 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 4¼" (10.8 cm), angled jaws, double end

For additional Needle Holders see pages 112 - 121

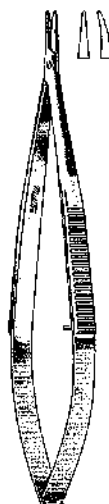
For Carb-N-Sert Needle Holders with tungsten carbide inserts see pages 123 - 130



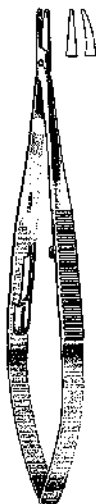
18-1800



18-1810



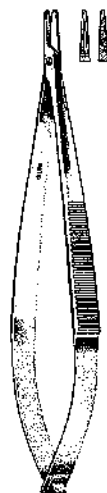
18-1820
18-1824



18-1828
18-1832



18-1831
18-1833



18-1834

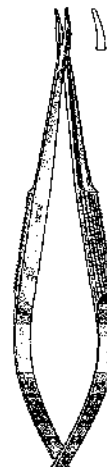


18-1838
18-1839

- 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 1/4" (12.1 cm), serrated, delicate

6-118A ADSON Dressing Forceps 4 1/4" (12.1 cm), serrated, delicate, angled

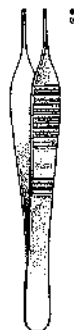
6-118XL ADSON Dressing Forceps 4 1/4" (12.1 cm), serrated, lightweight, fenestrated handles

17-2510 Micro ADSON Dressing Forceps 4 1/4" (12.1 cm), serrated tips, 0.5 mm wide

6-120 ADSON Tissue Forceps 4 1/4" (12.1 cm), 1 x 2 teeth, delicate

6-120A ADSON Tissue Forceps 4 1/4" (12.1 cm), 1 x 2 teeth, delicate, angled

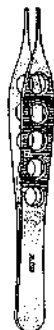
6-120XL ADSON Tissue Forceps 4 1/4" (12.1 cm), 1 x 2 teeth, lightweight, fenestrated handles



6-120



6-120A



6-120XL

For additional Dressing and Tissue Forceps see pages 64 - 82



6-121



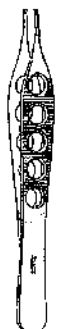
17-2500



6-122



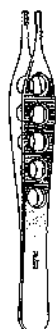
6-123



6-123XL



6-124



6-124XL

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

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

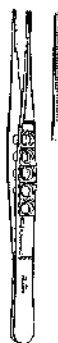
6-125 DeBAKEY-ADSON Tissue Forceps 4 3/4" (12.1 cm), atraumatic tips 1.5 mm wide

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 3/4" (12.1 cm), 7 x 7 side grasping teeth, angular



6-125



24-570XL

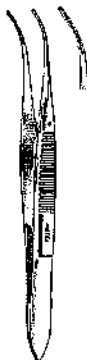


6-126

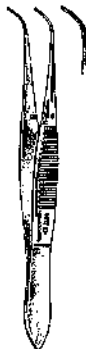
For additional Dressing and Tissue Forceps see pages 64 - 82



18-780



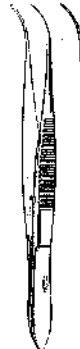
18-782



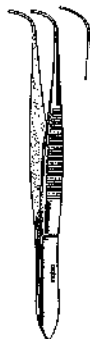
18-784



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

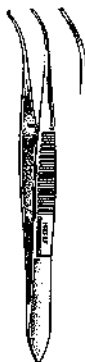
Extra Delicate Pattern
0.5 mm wide tips

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



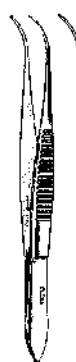
18-788



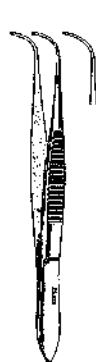
18-790



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 |

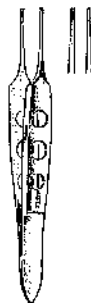


18-850



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



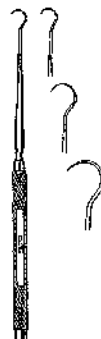
33-121



18-412
18-414



18-416



21-85 to 21-87

- 21-430 MILTEX Tissue Twist Hook 5½" (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 4½" (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 6¾" (15.9 cm), one sharp prong
- 21-154 JOSEPH Double Hook 6¾" (15.9 cm), two sharp prongs 2 mm
- 21-156 JOSEPH Double Hook 6¾" (15.9 cm), two sharp prongs 5 mm
- 21-158 JOSEPH Double Hook 6¾" (15.9 cm), two sharp prongs 7 mm
- 21-160 JOSEPH Double Hook 6¾" (15.9 cm), two sharp prongs 10 mm



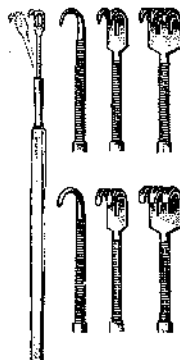
18-100
18-102



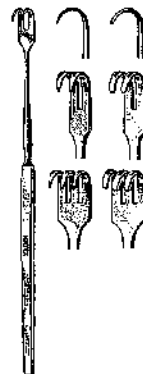
18-439



11D-27



11-30 to 11-40



11-50 to 11-60

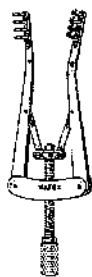
- 18-100 ROLLET Retractor 5¼" (13.3 cm), with 4 sharp prongs
- 18-102 KNAPP Retractor 5¼" (13.3 cm), with 4 blunt prongs
- 18-439 McGANNON Retractor 5" (12.7 cm), fenestrated blade 2.5 mm wide
- 11D-27 Flexible Neck Rake Retractor 5" (12.7 cm), 3 sharp prongs

RAKE RETRACTORS 6" (15.2 cm)

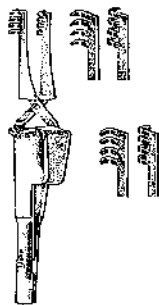
Sharp	With Flexible Neck	Blunt
11-30	1 prong	11-36
11-32	2 prongs	11-38
11-34	3 prongs	11-40

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

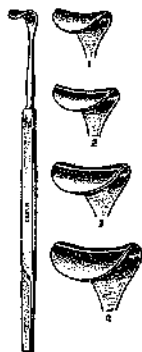


11-74
11-76

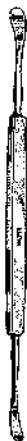


11-80
11-81

- | | |
|-------|--|
| 11-12 | ALM Retractor 2 3/4" (7 cm), spread 2 3/4" (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

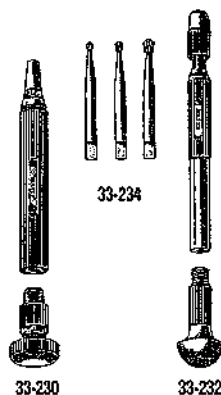


33-204
33-206

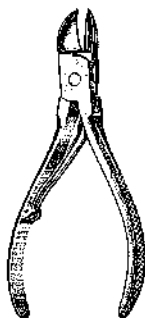


33-210

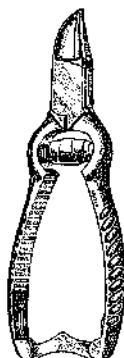
- 33-200** SCHAMBERG Comedone Extractor 3¾" (9.5 cm), with square loop ends
- 33-201** SCHAMBERG Comedone Extractor 3¾" (9.5 cm), standard pattern with crimped small loop
- 33-202** SCHAMBERG Comedone Extractor 3¾" (9.5 cm), standard pattern with extra fine loops, small loop crimped
- 33-203** Comedone Extractor 4" (10.2 cm), double end, flat and wire end expressors
- 33-204** SAALFIELD Comedone Extractor 5¼" (14.6 cm), with acne lancet, professional pattern
- 33-206** SAALFIELD Comedone Extractor 4¾" (10.8 cm), with acne lancet, professional pattern
- 33-210** UNNA Comedone Extractor 5¼" (14.6 cm), spoon ends



- 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 4½" (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 5½" (13.3 cm), flat square tips with deep serrations



40-200



40-205
40-207



40-210
40-212

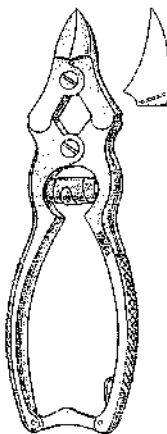


40-215

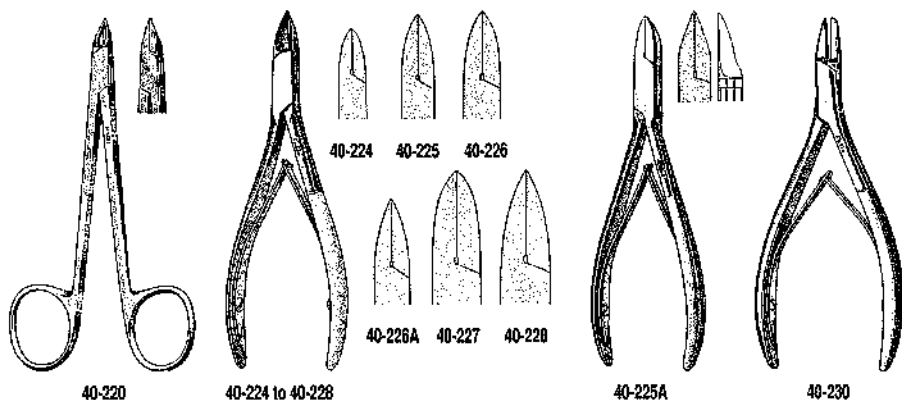


40-217

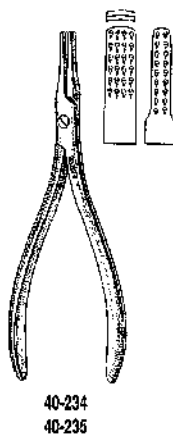
- 40-200** Nail Nipper 4½" (11.4 cm), concave jaws, single spring, chrome
- 40-205** Nail Nipper 4½" (11.4 cm), concave jaws, barrel spring, chrome
- 40-207** Nail Nipper 5½" (14 cm), concave jaws, barrel spring, chrome
- 40-210-CH** Nail Nipper 5½" (14 cm), concave jaws, double spring, chrome
- 40-210-SS** Nail Nipper 5½" (14 cm), concave jaws, double spring, stainless
- 40-212-CH** Nail Nipper 5½" (14 cm), straight jaws, double spring, chrome
- 40-212-SS** Nail Nipper 5½" (14 cm), straight jaws, double spring, stainless
- 40-215-CH** Nail Nipper 5½" (14 cm), angled concave jaws, double spring, chrome
- 40-215-SS** Nail Nipper 5½" (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

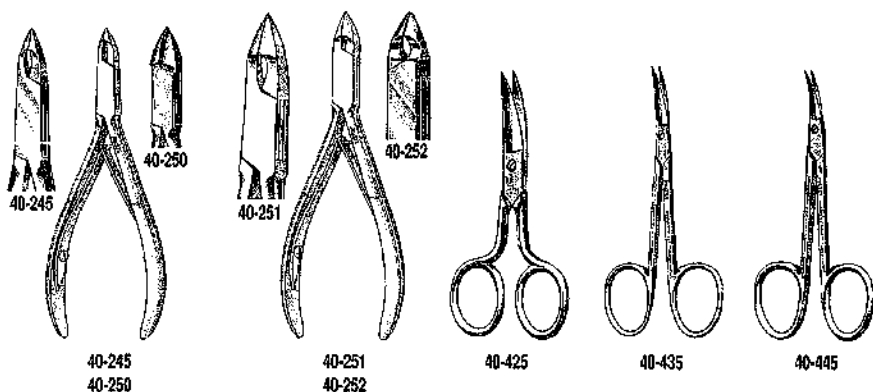


40-219

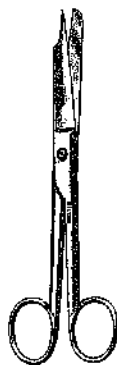


- 40-220** Tissue and Cuticle Nipper 4" (10.2 cm), straight jaws, ring handles, chrome
- 40-224** Nail Splitter 4" (10.2 cm), straight jaws, double spring, stainless
- 40-225A** Nail Splitter 4½" (11.4 cm), delicate straight jaws, double spring, stainless
- 40-225-CH** Nail Splitter 4½" (11.4 cm), straight 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





- 40-245-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



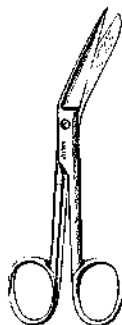
40-260



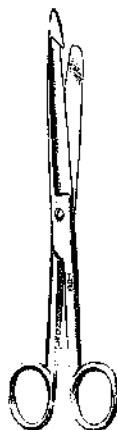
34-50
34-52



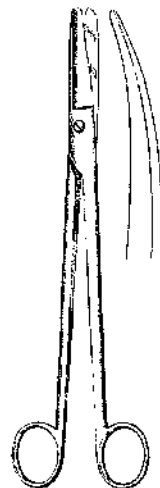
34-80



34-92

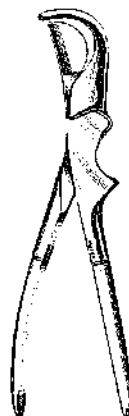


34-98



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)

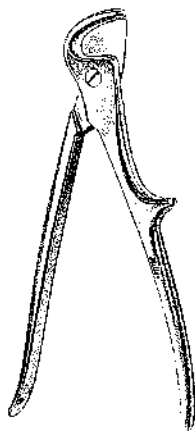


25-360

For a complete selection of Scissors see pages 18 - 52



Post Mortem Instruments



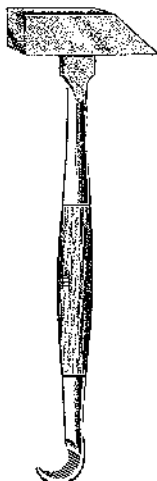
25-362



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
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Rectal Surgery	565-566
Obstetrical and Gynecological Surgery	567-570
Neurosurgery	571-575
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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.	5-186TC	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 6¾" (15.9 cm), cvd.
2 ea.	7-142	Rochester-Pean Forceps 8" (20.3 cm), cvd.
4 ea.	7-150	Rochester-Ochsner Forceps 6¾" (15.9 cm), str., 1 x 2 teeth
1 ea.	7-202	Mixer Forceps 7¾" (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 5½" (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.	8-48TC
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 Gail 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.

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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 5½" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
1 ea.	8-44TC	Mayo-Hegar Needle Holder 8" (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)

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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	Grile 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	Metz 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	Crie Hemostatic Forceps 6¾" (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 5¾" (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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Surgical Instrument Sets



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, 1/2 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 1/4" (17.1 cm), str., Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6 1/4" (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 Mixer Forceps 9" (22.9 cm)
4 ea.	7-259	Gemini Mixer 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	Serot 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 1½" (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	Bihrie-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	Melzerbaum 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.	17-383C	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 3/4" (6.3 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	Milux 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 ⅝" (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	Millex 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.	Description
2 ea.	4-7	Knife Handle No. 3
1 ea.	5-180TC	Metzenbaum Scissors 5½" (14 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
4 ea.	7-2	Halsted Mosquito Forceps 5" (12.7 cm), str.
6 ea.	7-506	Backhaus Towel Clamp 5½" (14 cm)
1 ea.	7-600	Foerster Sponge Forceps 9½" (24.1 cm), str. serr.
2 ea.	16-6	Allis Tissue Forceps 6" (15.2 cm), 4 x 5 T
1 ea.	28-22	Hirschman Anoscope, medium
1 ea.	28-32	Brinkerhoff Rectal Speculum, medium
1 ea.	28-70	Sawyer Rectal Retractor ¾" (2.2 cm) x 2½" (6.4 cm)
1 ea.	28-74	Sawyer Rectal Retractor 1½" (3.8 cm) x 3½" (8.9 cm)

FOR OFFICE PROCEDURE:

1 ea.	28-150	McGivney Hemorrhoidal Ligator. Supplied with loading cone and 100 latex O-rings
1 ea.	28-152	McGivney Hemorrhoid Grasping Forceps 7" (19.1 cm)
1 ea.	28-12	Fansler-Ives Rectal Speculum ¾" (8.3 cm) long x 1½" (2.8 cm), chrome



Surgical Instrument Sets

OBSTETRICAL AND GYNECOLOGICAL 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.	7-606	Backhaus Towel Clamp 5½" (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 8¾" (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 Hystereclomy Forceps 8¼" (21 cm), double tooth
1 ea.	30-1716	Heaney-Ballantine Hystereclomy Forceps, cvd.



Surgical Instrument Sets

OBSTETRICAL AND GYNECOLOGICAL SURGERY

LAPAROSCOPY SET

Quantity	Catalog No.	Description
1 ea.	4-7	Knife Handle No. 3
1 ea.	5-124TC	Mayo Dissecting Scissors 6 3/4" (17.1 cm), str. Carb-N-Sert blades
1 ea.	6-120	Adson Tissue Forceps 4 3/4" (12.1 cm), 1 x 2 T
2 ea.	7-91	Coller Forceps 6 1/4" (15.9 cm), cvd.
6 ea.	7-506	Backhaus Towel Clamp 5 1/4" (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	Auvard Weighted Speculum 2 1/2 lbs. (1136 g)
1 ea.	30-650	Sims Uterine Sound, grad. in cm
1 ea.	30-865	Schroeder-Braun Tenaculum Forceps 9 3/4" (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 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
1 ea.	5-182TC	Metzenbaum Scissors 7" (17.8 cm), cvd., Carb-N-Sert blades
1 ea.	6-8	Dressing Forceps 5 1/2" (14 cm)
1 ea.	6-44	Tissue Forceps 5 1/2" (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 6 1/4" (15.9 cm), cvd.
6 ea.	7-506	Backhaus Towel Clamp 5 1/4" (13.3 cm)
1 ea.	7-600	Foerster Sponge Forceps 9 1/2" (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 7 1/2" (19.1 cm), 5 x 6 T
1 ea.	30-193	Auvard Weighted Speculum, 2 1/2 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	Melzerbaum 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-Mixer 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.	18-1966	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.	11-664	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.	24-650	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), ¼" (.32 cm)
1 ea.	27-333	Hoke Osteotome 5½" (14 cm), ⅜" (.64 cm)
1 ea.	27-335	Hoke Osteotome 5½" (14 cm), ⅝" (.95 cm)
1 ea.	27-336	Hoke Osteotome 5½" (14 cm), ¾" (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

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	Melzerbaum 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 6¾" (15.9 cm), cvd.
4 ea.	7-154	Rochester-Ochsner Forceps 8" (20.3 cm), str.
6 ea.	7-506	Backhaus Towel Clamp 5¼" (13.3 cm)
1 ea.	8-48TC	Mayo-Hegar Needle Holder 8" (20.3 cm), Carb-N-Sert jaws
1 ea.	8-50TC	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	Meyering Retractor 9½" (24.1 cm), 3½" (8.9 cm) x 2" (5.1 cm)
1 ea.	11-244	Meyering 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 10 3/4" (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.	27-439	Hibbs Osteotome 9" (22.9 cm), str. 1/4" (.64 cm)
1 ea.	27-442	Hibbs Osteotome 9" (22.9 cm), str. 1/2" (1.3 cm)
1 ea.	27-446	Hibbs Osteotome 9" (22.9 cm), str. 3/4" (1.9 cm)
1 ea.	27-449	Hibbs Osteotome 9" (22.9 cm), str. 1 1/4" (2.8 cm)
1 ea.	27-458	Hibbs Gouge 9" (22.9 cm), str. 1/4" (.64 cm)
1 ea.	27-462	Hibbs Gouge 9" (22.9 cm), str. 1/2" (1.3 cm)
1 ea.	27-466	Hibbs Gouge 9" (22.9 cm), str. 3/4" (1.9 cm)
1 ea.	27-440C	Hibbs Osteotome 9" (22.9 cm), cvd. 3/8" (.96 cm)
1 ea.	27-444C	Hibbs Osteotome 9" (22.9 cm), cvd. 1/2" (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. 3/8" (.96 cm)
1 ea.	27-464C	Hibbs Gouge 9" (22.9 cm), cvd. 1/2" (1.6 cm)
1 ea.	27-660	Milltex Mallet 11" (27.9 cm), 16 oz. (454 g)
1 ea.	27-744	Sayre Elevator 6 3/4" (17.1 cm), sharp
1 ea.	27-820	Key Elevator 7" (17.8 cm), 1/4" (.64 cm) wide
1 ea.	27-822	Key Elevator 7 1/2" (19.1 cm), 1/2" (1.3 cm) wide
1 ea.	27-826	Key Elevator 8 1/4" (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 5 1/2" (14 cm), str. Carb-N-Sert blades
1 ea.	5-122TC	Mayo Dissecting Scissors 5 1/2" (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 5 1/2" (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 4 1/2" (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 5 1/2" (14 cm), str.
6 ea.	7-506	Backhaus Towel Clamp 5 1/4" (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 6 1/4" (15.9 cm), sharp
1 ea.	11-76	Senn Retractor 6 1/4" (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 3/8" (.96 cm) x 1 1/2" (3.2 cm)
1 ea.	11-164	Langenbeck Retractor 8" (20.3 cm), blade 1/2" (1.3 cm) x 1 1/2" (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 9 1/4" (23.5 cm), double end
1 ea.	11-608	Weitlaner Retractor 5 1/2" (14 cm), sharp
1 ea.	11-610	Weitlaner Retractor 5 1/2" (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 7 1/2" (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 6 1/4" (15.9 cm), single prong
2 ea.	21-158	Joseph Hook 6 1/4" (15.9 cm), double prong 7 mm
1 ea.	25-384	Ruskin Bone Cutting Forceps 7 1/2" (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), 1/4" (.64 cm) wide
1 ea.	27-822	Key Elevator 7 1/2" (19.1 cm), 1/2" (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 6¼" (17.1 cm), str. Carb-N-Sert blades
1 ea.	5-126TC	Mayo Dissecting Scissors 6¼" (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 Maillet 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), ¾" (.96 cm) wide
1 ea.	27-826	Key Elevator 8¾" (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	Cile Forceps 5½" (14 cm), cvd.
6 ea.	7-48	Cile Forceps 6¼" (15.9 cm), cvd.
6 ea.	7-81	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 5½" (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	Weillaner Retractor 6¾" (16.5 cm), sharp
1 ea.	11-700	Adson Retractor 7½" (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	Milrex 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 Rongeur 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 Periostealome 8¾" (22.2 cm)
1 ea.	25-18	Matson Rib Elevator and Stripper 6¾" (22.2 cm)
1 ea.	25-142	Burford-Finocchio 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.	5-162B-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 6¾" (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.	8-61TC	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-Farabeuf Periosteotome 8¾" (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 5½" (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.	25-880	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 9¼" (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 3/4" (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 3 1/2" (8.9 cm)
1 ea.	9-110	O'Brien Stitch Scissors 3 1/4" (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 5 1/2" (14 cm), medium
1 ea.	18-564	Castroviejo Spatula 5 1/2" (14 cm)
1 ea.	18-650	Castroviejo Caliper 3 1/4" (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 4 3/8" (11.2 cm)
1 ea.	18-951	Castroviejo Suturing Forceps 4" (10.2 cm), 1 x 2 T
1 ea.	18-1000	Amuga Capsule Forceps 4" (10.2 cm)
1 ea.	18-1202	Desmarres Chalazion Forceps 3 1/2" (8.9 cm), medium
1 ea.	18-1464	Stevens Tenotomy Scissors 4 1/8" (10.5 cm), cvd. blunt
1 ea.	18-1560	Castroviejo Corneal Scissors 4 1/2" (11.4 cm), right
1 ea.	18-1562	Castroviejo Corneal Scissors 4 1/2" (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 3 3/4" (9.5 cm), slightly cvd.
1 ea.	18-1828TC	Castroviejo Needle Holder 5 1/2" (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	Troulman-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	Troulman-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	Serreline 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	Serreline 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

DACRYOCYSTORRHINOSTOMY 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 4¼" (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	Millex 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 bile, 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 4¾" (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 4 3/4" (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 5 1/2" (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 6 3/4" (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 5 1/2" (14 cm), cvd., Carb-N-Sert blades
1 ea.	5-180A-TC	Metzenbaum Scissors 5 1/2" (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 4 3/4" (12.1 cm), cvd., S/S
2 ea.	6-120	Adson Tissue Forceps 4 3/4" (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 3 3/4" (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 4 3/8" (11.2 cm)
1 ea.	19-202	Farrell Applicator 6 1/2" (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	DesMares 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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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	Millex 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 Bislouri 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 6½" (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 Giabella 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 Straightener 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.	5-162TC	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), slr., 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.	20-600	Barnhill Adenoid Curette 8½" (21.6 cm), size 0
1 ea.	20-602	Barnhill Adenoid Curette 8½" (21.6 cm), size 1
1 ea.	20-604	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.	8-507C	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.	8-67C	Webster Needle Holder 5" (12.7 cm), smooth Carb-N-Sert jaws

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