



GENERAL SURGICAL INSTRUMENTS



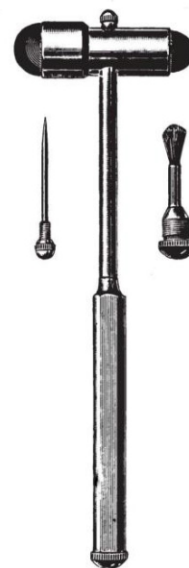
DIAGNOSTIC INSTRUMENTS AND SCALPEL HANDLES



**WARTENBERG
NEUROLOGICAL PIN WHEEL**
E03320-19
7" (178mm)



TAYLOR PERCUSSION HAMMER



BUCK NEUROLOGICAL HAMMER
E03320-18 7 3/4" (195mm) chrome
d needle



SCALPEL HANDLE # 3
E07103-00
for blades 10 through 15



SCALPEL HANDLE # 3
E07103-01
for blades 10 through 15



SCALPEL HANDLE # 3L
E07103-02
extra long
8 1/2" (216mm)
for blades 10 through 15

SCALPEL HANDLES



MINI SCALPEL HANDLE # 3K
E07109-10
10cm, 4"



SCALPEL HANDLE #4
E07104-00
for blades 20 through 25



SCALPEL HANDLE # 7
E07107-00
for blades 10 through 15



SCALPEL HANDLE # 9
E07107-01
for blades 10 through 15 extra fine

SUPER-CUT SCISSORS

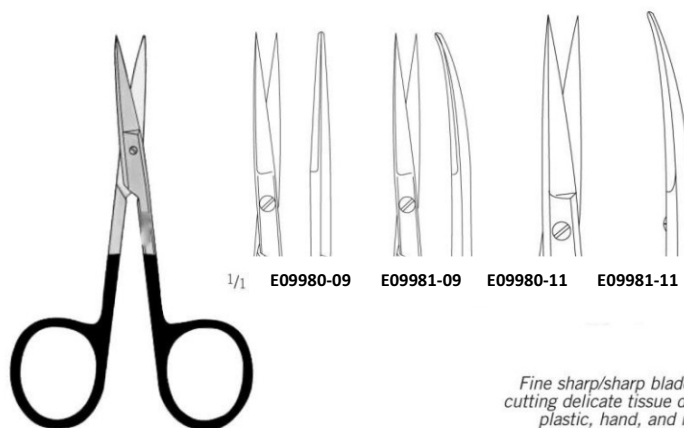
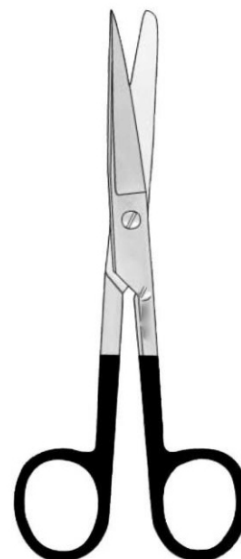
Super-Cut Scissors

Super-Cut Scissors represent a truly remarkable advance in scissors technology. Using the finest surgical steels, the latest heat treating methods and master craftsmanship, the upper blade of the scissors is ground to a razor-sharp edge. This process creates scissors with an unprecedented smooth and effective cutting action.

Some of the benefits of Super-Cut Scissors:

- Cut through soft and fibrous tissue without effort.
- Superb control permits precision in dissection.
- Less hand fatigue for the surgeon and less trauma for the patient.
- Retain sharpness longer than ordinary scissors.
- Ring handles are black-coated for easy identification.
- Fully autoclavable.
- Backed by Primax's lifetime guarantee.
- Not recommended for fiberglass or plaster splints.

Not recommended for fiberglass or plaster splints.
Surgeons who use our Super-Cut Scissors are convinced of their superior performance and won't do without them on their surgical trays.



SUPER-CUT IRIS SCISSORS sharp points

Straight

E09980-09 3 1/2" (89mm) delicate

E09980-11 4 1/2" (114mm)

curved

E09981-09 3 1/2" (89mm) delicate

4 1/2" (114mm)

Fine sharp/sharp blades for cutting delicate tissue during plastic, hand, and minor vascular surgery.



SUPER-CUT STEENS SCISSORS

blunt points

straight

E09982-11 4 1/2"

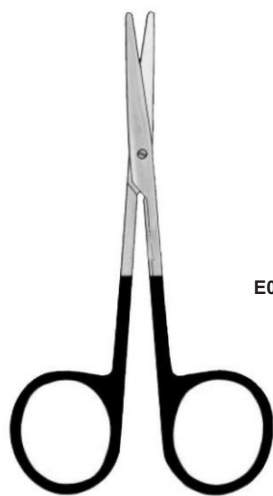
curved

E09984-11 4 1/2" (114mm)

E09985-11 5 1/4" (133mm)

Delicate short narrow tips for dissecting fine tissue.

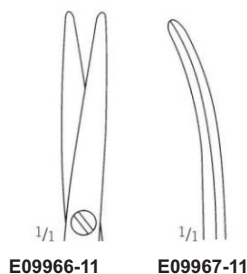
SUPER-CUT SCISSORS



SUPER-CUT BABY METZENBAUM SCISSORS blunt points

E09966-11
4 ½" (114mm)
straight

E09967-11
4 ½" (114mm)
curved



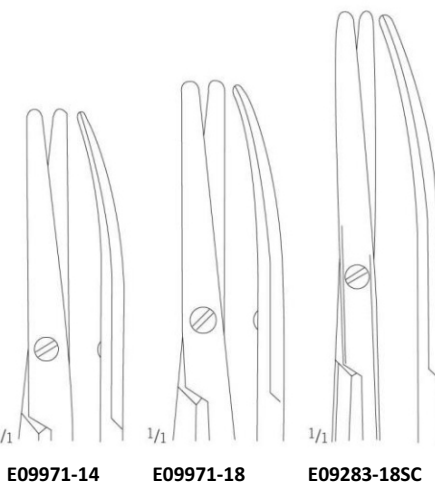
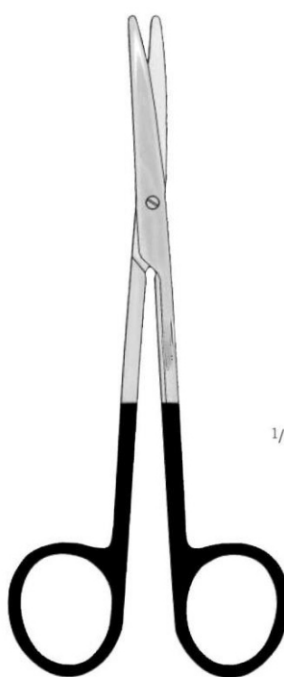
Flat, blunt scissors for
dissecting soft tissue.



SUPER CUT WAGNER SCISSORS

E09982-12
4.8" (12.0CM)
straight

E09983-12
4.8" (12.0CM)
curved



SUPER-CUT METZENBAUM SCISSORS

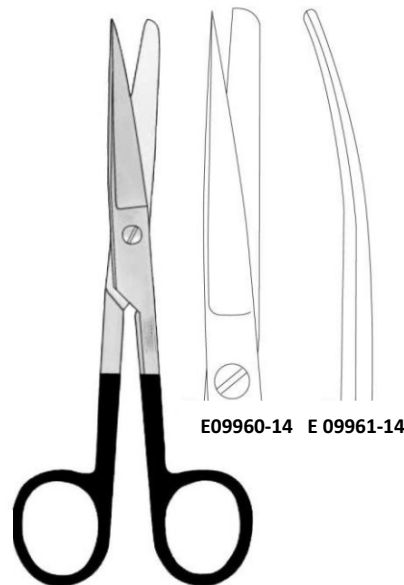
blunt points

Straight

E09970-14 6" (152mm)
E09970-18 7" (178mm)

curved

E09971-14 6" (152mm)
E09971-18 7" (178mm)
E09283-18SC 7" (178mm) delicate
E09971-18 8" (203mm)
E09971-23 9" (229mm)
E09971-28 11" (279mm)



SUPER-CUT OPERATING SCISSORS

E09960-14

E 09961-14

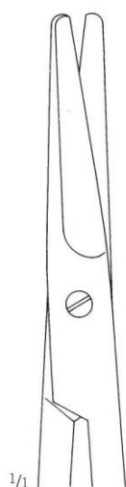
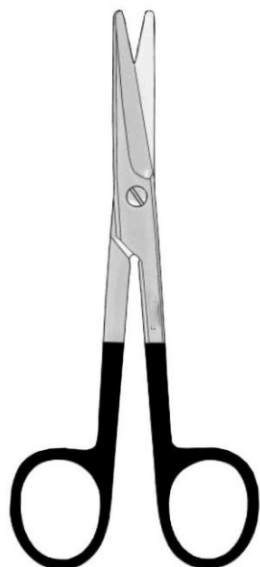
5 ½" (140mm)

5 ½" (140mm)

straight sharp/blunt

curved sharp/blunt

SUPER-CUT SCISSORS



E09962-14

SUPER-CUT MAYO SCISSORS

Beveled blades, blunt points

straight

E09962-14 5 1/2" (140mm)

E09962-17 6 3/4" (171mm)

E09962-23 9" (229mm)

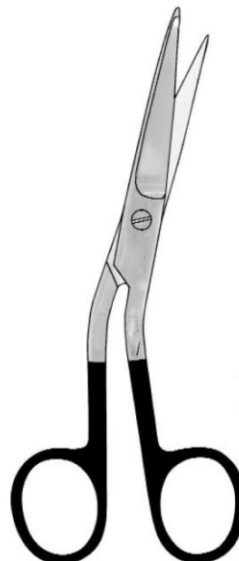
curved

E09963-15 5 1/2" (140mm)

E09963-17 6 3/4" (171mm)

E09963-23 9" (229mm)

E09963-28 11" (279mm)



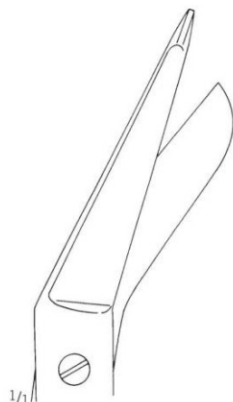
The delicate offset shanks provide increased leverage. The fine knob slides easily under finger and toe bandages. Excellent for small bandages!

SUPER-CUT HI-LEEL BANDAGE SCISSORS

E09930-14SGSC

5 1/2" (140mm)

shanks angled on side



E09990-14

Cuts bandages and multiple layers of dressings with ease. Razor sharp blades reduce hand fatigue.

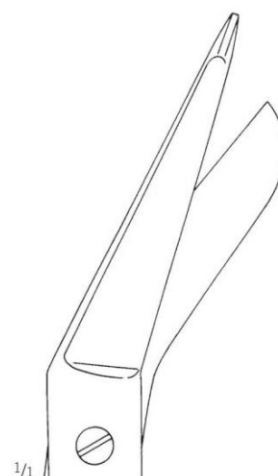
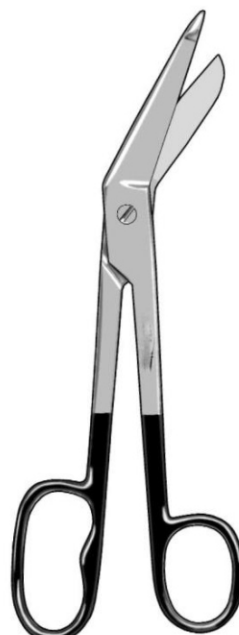
SUPER-CUT LISTER BANDAGE SCISSORS

E09990-14

E09990-18

5 1/2" (140mm)

7 1/4" (184mm)



All the benefits of our Super-Cut Lister scissors plus an oversized finger ring, which helps relieve pressure on the third metacarpal.

SUPER-CUT LISTER BANDAGE SCISSORS

WITH LARGE FINGER RING

E09906-20SC

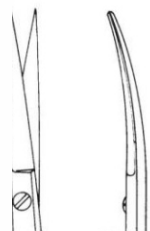
8" (203mm)

TUNGSTEN CARBIDE SCISSORS

Tungsten carbide (TC) is one of the hardest alloys made today. Our TC scissors have tungsten carbide firmly bonded to both cutting edges. We guarantee that they will stay sharp for at least three years. The finger rings are gold plated for easy identification.



E09344-11TC



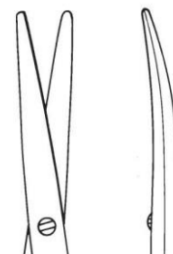
E09345-11TC



BLEPHAROPLASTY SCISSORS
E09314-12TC
4 ½"(114mm) curved flat tips, one
serrated and one carbide blade



E09374-11TC E09375-11TC

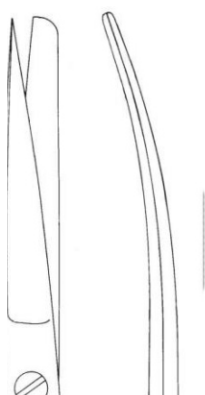


TC STRABISMUS SCISSORS
E09374-11TC E09375-11TC
4 ½"(114mm) 4 ½"(114mm)
straight curved
blunt points blunt points

TC IRIS SCISSORS
E09344-11TC E09345-11TC
4 ½"(114mm) 4 ½"(114mm)
straight curved
sharp points sharp points



E09114-14TC E09115-14TC



TC OPERATING SCISSORS
E09114-14TC E09115-14TC
5 ½"(140mm) 5 ½"(140mm)
Straight curved
sharp/blunt sharp/blunt



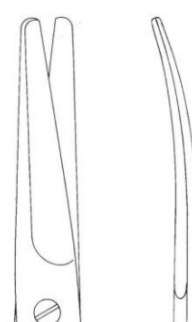
E09284-15TC E09285-15TC



TC METZENBAUM SCISSORS blunt points
straight curved
E09284-15TC 6" E09285-15TC 6"(152mm)
E09284-18TC 7" E09285-18TC 7"(178mm)
E09284-23TC 9" E09285-23TC 9"(229mm)



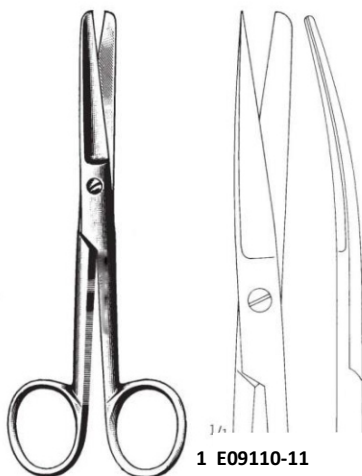
E09164-14TC E09165-14TC



TC MAYO SCISSORS beveled blades
straight curved
E09164-14TC 5 ½" E09165-14TC 5 ½"(140mm)
E09164-17TC 6 ¼" E09165-17TC 6 ¼"(171mm)
E09164-23TC 9" E09165-23TC 9"(229mm)

OPERATING SCISSORS

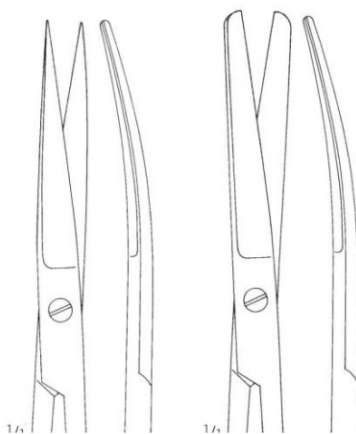
Most scissors can be serrated upon request.



1 E09110-11

OPERATING SCISSORS *straight*

E09102-11 4 ½" (114mm) blunt/blunt
E09110-11 4 ½" (114mm) sharp/blunt
E09120-11 4 ½" (114mm) sharp/sharp
E09102-13 5 (127mm) blunt/blunt
E09110-13 5 (127mm) sharp/blunt
E09120-13 5 (127mm) sharp/sharp
E09102-14 5 ½" (140mm) blunt/blunt
E09110-14 5 ½" (140mm) sharp/blunt
E09120-14 5 ½" (140mm) sharp/sharp
E09102-16 6 ½" (165mm) blunt/blunt
E09110-16 6 ½" (165mm) sharp/blunt
E09120-16 6 ½" (165mm) sharp/sharp



E09120-11

E09102-11

OPERATING SCISSORS *curved*

E09103-11 4 ½" (114mm) blunt/blunt
E09111-11 4 ½" (114mm) sharp/blunt
E09121-11 4 ½" (114mm) sharp/sharp
E09103-13 5 (127mm) blunt/blunt
E09111-13 5 (127mm) sharp/blunt
E09121-13 5 (127mm) sharp/sharp
E09103-14 5 ½" (140mm) blunt/blunt
E09111-14 5 ½" (140mm) sharp/blunt
E09121-14 5 ½" (140mm) sharp/sharp
E09103-16 6 ½" (165mm) blunt/blunt
E09111-16 6 ½" (165mm) sharp/blunt
E09121-16 6 ½" (165mm) sharp/sharp



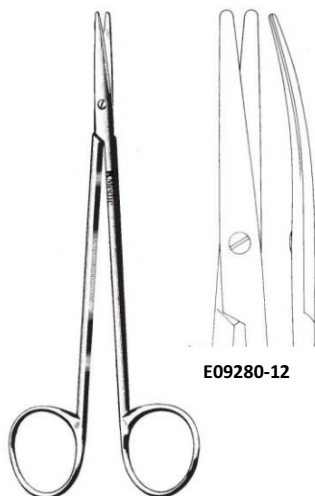
E09140-14

DEAVER SCISSORS 5 ½" (140mm)

Straight

curved

E09140-14 sharp/blunt E09141-14 sharp/blunt
E09150-14 sharp/sharp E09151-14 sharp/sharp



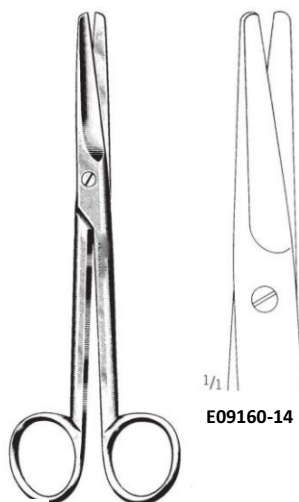
E09280-12

METZENBAUM SCISSORS blunt points

Straight

curved

E09280-12 4 ½" E09281-12 4 ½" (114mm)
E09283-15 5 ¾" (146mm) del.
E09280-15 6" E09281-15 6" (152mm)
E09280-18 7" E09281-18 7" (178mm)
E09283-18 7" (178mm) del.
E09280-20 8" E09281-20 8" (203mm)
E09280-23 9" E09281-23 9" (229mm)
E09280-28 11" E09281-28 11" (279mm)



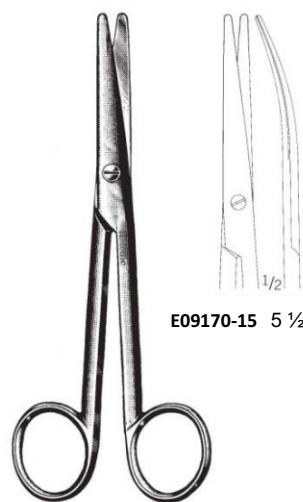
E09160-14

MAYO SCISSORS beveled blades

straight

curved

E09160-14 5 ½" E09161-14 5 ½" (140mm)
E09160-17 6 ¾" E09161-17 6 ¾" (171mm)
E09160-23 9" E09161-23 9" (229mm)
serrated serrated
11-176-17 6 ¾" 11-177-17 6 ¾" (171mm)



E09170-15 5 ½"

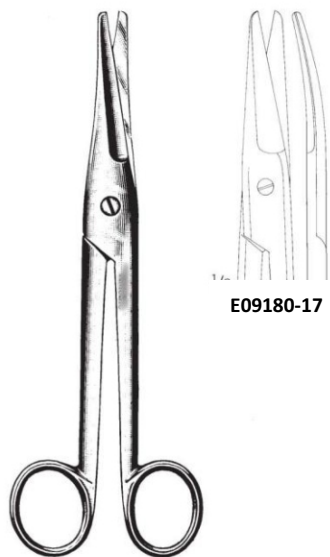
MAYO-STILLE SCISSORS rounded blades

Straight

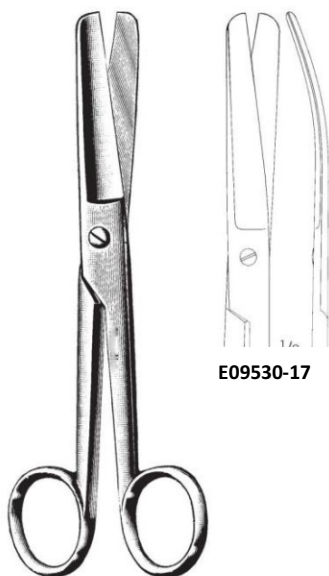
curved

E09170-15 5 ½" E09171-15 5 ½" (140mm)
E09170-17 6 ¾" E09171-17 6 ¾" (171mm)

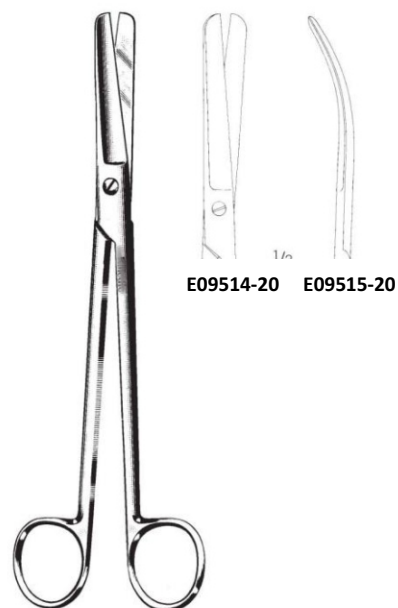
OPERATING SCISSORS



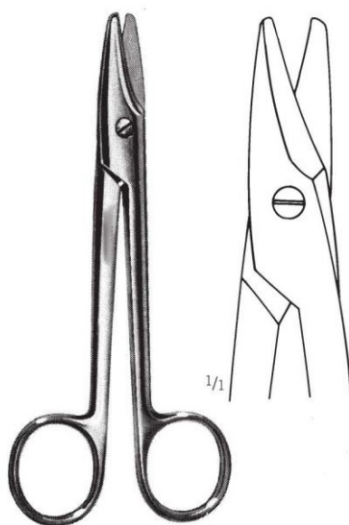
MAYO-NOBLE SCISSORS beEled blades
E09180-17 E09181-17
6 ½" (165mm) 6 ½" (165mm)
straight curved



DOYEN ABDOMINAL SCISSORS
E09530-17 E09531-17
7" (178mm) 7" (178mm)
straight curved



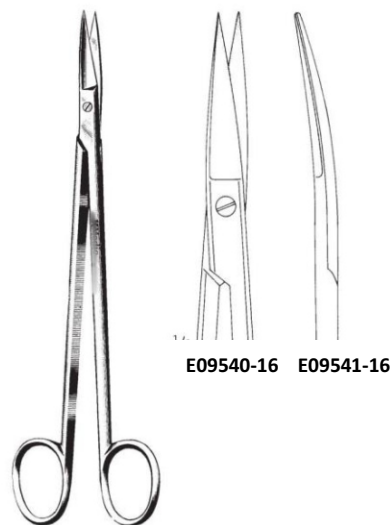
SIMS SCISSORS 8" (203mm)
straight curved
E09514-20 sharp/sharp E09515-20 sharp/sharp
E09512-20 sharp/blunt E09513-20 sharp/blunt
E09510-20 blunt/blunt E09511-20 blunt/blunt



SISTRUNK SCISSORS heavy pattern
E09775-13 E09777-13
5 ½" (140mm) 5 ½" (140mm)
straight curved



RAGNELL SCISSORS
E09310-12 E09310-18
5" (127mm) 7" (178mm)
curved curved
flat blunt tips flat blunt tips



KELLY FISTULA SCISSORS 6 ¼" (159mm)
smooth sharp/sharp
E09540-16 straight
E09541-16 curved
E09860-16 angular

OPERATING SCISSORS



E09340-11 E09341-11

IRIS SCISSORS sharp points

straight

E09340-09 3 ½"

E09340-11 4 ½"

E09340-10 4 ¾"

delicate

curved

E09341-09 3 ½" (89mm)

E09341-11 4 ½" (114mm)

E09341-10 4 ¾" (105mm)

delicate

angled on side

E09341-11½" (114mm)



E09824-12 E09825-12

PLASTIC SURGERY SCISSORS 4 ¾"(121mm)

straight

curved

E09824-12 sharp/sharp

E09825-12 sharp/sharp

E09826-12 sharp/blunt

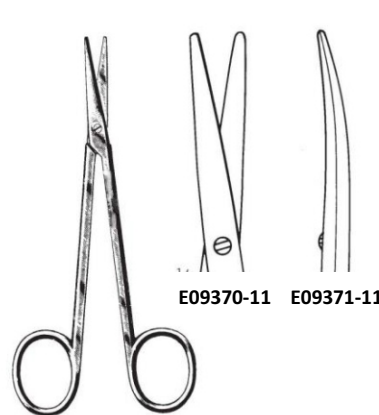
E09829-12 sharp/blunt

E09828-12 blunt/blunt

E09823-12 blunt/blunt

angled on side

E09824-12SG sharp/sharp



E09370-11 E09371-11

STRABISMUS SCISSORS

E09370-11

E09371-11

4"(102mm)

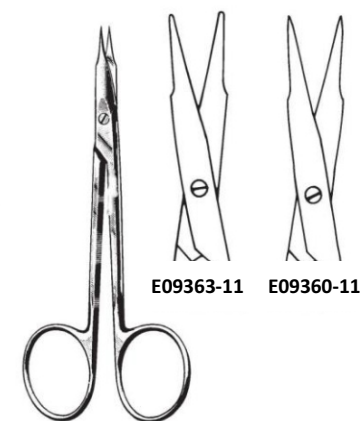
4"(102mm)

straight

curved

blunt points

blunt points



E09363-11 E09360-11

STEENS TENOTOMY SCISSORS

straight

E09363-11

4 ½" (108mm) blunt/blunt

E09360-11

4 ½" (108mm) sharp/sharp

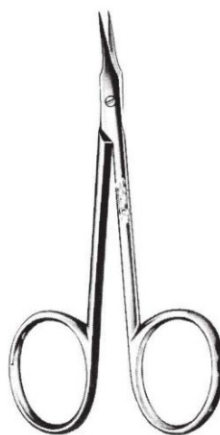
curved

E09363-11

4 ½" (108mm) blunt/blunt

E09361-11

4 ½" (108mm) sharp/sharp



GRADLE SCISSORS

E09350-09

3 ¾"(95mm) slightly curved

sharp/sharp



GRADLE SCISSORS

E09350-10

4"(102mm) slightly curved

ribbon type, sharp/sharp

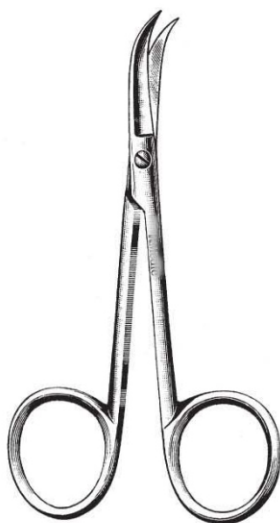
SUTURE SCISSORS



SHORTBENT STITCH SCISSORS
E09803-09
3 ½" (89mm)
curved on side
delicate



SPENCER STITCH SCISSORS	
E09802-09	E09802-11
3 ½" (89mm)	4 ¾" (121mm)
delicate	delicate
straight	straight

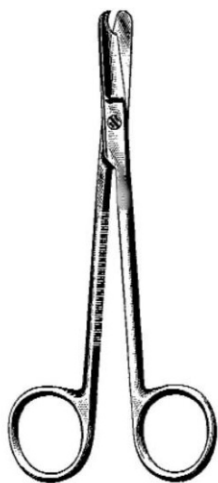


HILL STITCH SCISSORS
E09340-10SG
4 ½" (108mm)

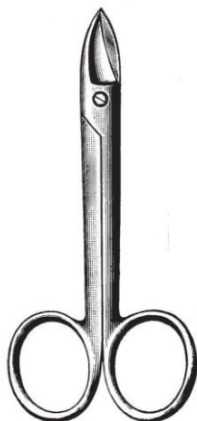


NORTHBENT STITCH SCISSORS
E09803-13
4 ¾" (121mm)
curved on side

SUTURE AND WIRE CUTTING SCISSORS



LITTAUER STITCH SCISSORS
E09804-14
5 1/2" (140mm)



WIRE CUTTING SCISSORS 4" (102mm)
straight
E09850-10 smooth
E09850-10Z
one serrated blade

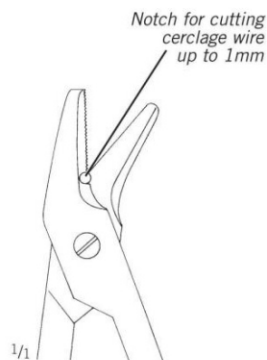


E09850-10

curved
E09851-10 smooth
E09851-10Z
one serrated blade



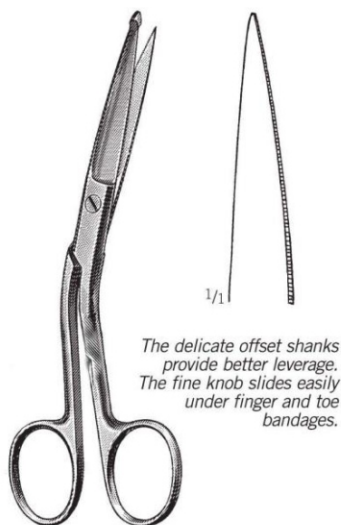
WIRE CUTTING SCISSORS 4 1/2" (121mm)
E09831-12
one serrated
blade, angular



E09831-12

E09835-12TC
one serrated
blade, angular
carbide

BANDAGE AND UTILITY SCISSORS

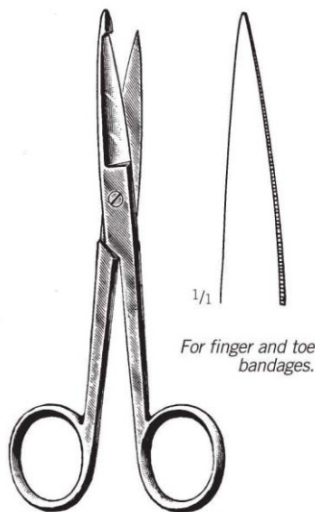


The delicate offset shanks provide better leverage. The fine knob slides easily under finger and toe bandages.

HI-LEEL BANDAGE SCISSORS

E09930-14BSG

5 ½" (140mm) shanks angled on side
one serrated blade



For finger and toe bandages.

KNOWLES BANDAGE SCISSORS

E09930-14SG

5 ½" (140mm) straight
one serrated blade



E09901-14

LISTER BANDAGE SCISSORS

E09901-09 3 ½" (89mm)

E09901-11 4 ½" (114mm)

E09901-14 5 ½" (140mm)

E09901-18 7 ¼" (184mm)

E09906-20 8" (203mm) one large finger ring

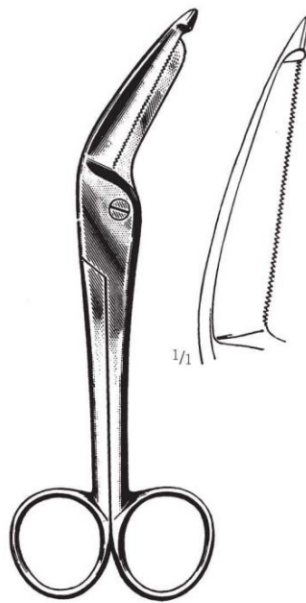


UTILITY SCISSORS one serrated blade

E09950-18

7 ½" (191mm)

With autoclavable plastic finger rings.



HERCULES SCISSORS

E09921-19

7 ½" (191mm) heavy duty

one serrated blade



UTILITY SHEARS

E09941-20

8" (203mm) with wire cutting notch
one serrated blade

PROBES AND SUCTION TUBES



PROBE WITH EYE malleable stainless

E21102-11	4½" (114mm)
E21102-13	5" (127mm)
E21102-14	5½" (140mm)
E21102-16	6" (152mm)
E21102-20	8" (203mm)
E21102-25	10" (254mm)
E21102-30	12" (305mm)



GROOVED DIRECTORS

with tongue tie	
E21110-11	4½" (114mm)
E21110-13	5" (127mm)
E21110-14	5½" (140mm)
with probe and tongue tie	
E21112-11	5" (127mm)
E21112-14	5½" (140mm)
E21112-16	6" (152mm)



1 french = .33mm

BARON SUCTION TUBE 5 ½" (140mm)

E41299-03	3 french
E41299-05	5 french
E41299-07	7 french



1 french = .33mm

FRAZIER SUCTION TUBE 7" (178mm)

E41295-06	6 french
E41295-07	7 french
E41295-08	8 french
E41295-10	10 french
E41295-12	12 french



YANKAUER SUCTION TUBE

E05150-27	E05151-01
11 ½" (292mm)	front tip only
chrome	



1 french =
.33mm

POOLE SUCTION TUBE 9" (229mm)

chrome	
E05140-08	E05130-10
23 french curved	30 french straight

SUTURE INSTRUMENTS



**WACHENFELDT CLIP APPLYING
AND REMOVING FORCEPS**
E27612-12
5" (127mm)



MICHEL CLIP APPLYING FORCEPS
E27610-12
5" (127mm)



**WACHENFELDT CLIP APPLYING
AND REMOVING FORCEPS**
E27614-12
5" (127mm) cross action



**MICHEL CLIP APPLYING
AND REMOVING FORCEPS**
E27630-12
5" (127mm) double ended



CASTROVIEJO MICRO TYING FORCEPS	
4" (102mm)	
straight,	with tying platform
E44150-01	E44150-05
0.12mm	0.5mm
1x2 teeth	1x2 teeth



DESCHAMPS LIGATURE CARRIER
8" (203mm)
E27120-21 blunt left
E27121-21 blunt right
E27110-21 sharp left
E27111-21 sharp right

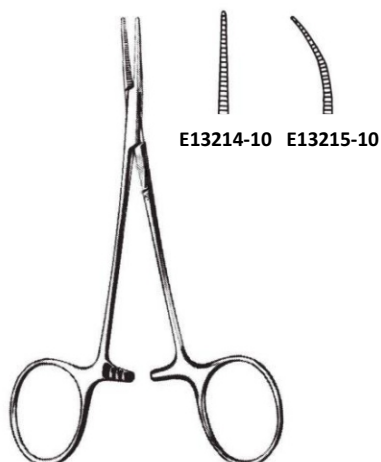
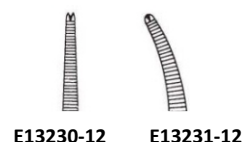
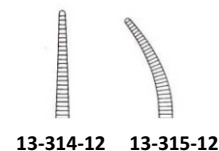
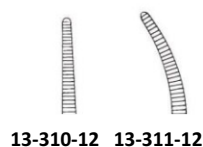
HEMOSTATIC FORCEPS



HARTMANN MOSQUITO FORCEPS
E13210-10 3 ½" (89mm) straight
E13211-10 3 ½" (89mm) curved



HALSTED MOSQUITO FORCEPS 5" (127mm)
straight E13220-12
curved E13221-12
E13222-12 delicate
E13230-12 1x2 teeth
E13223-12 delicate
E13231-12 1x2 teeth



MICRO MOSQUITO FORCEPS
E13214-10 3 ½" (89mm) straight
E13215-10 3 ½" (89mm) curved

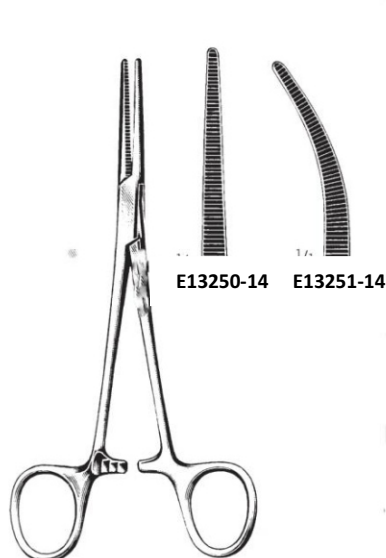


KELLY FORCEPS
E13240-14 5 ½" (140mm) straight
E13241-14 5 ½" (140mm) curved



RANKIN-KELLY FORCEPS
E13242-16 6 ¼" (159mm) straight
E13243-16 6 ¼" (159mm) curved

HEMOSTATIC FORCEPS



CRILE FORCEPS

straight

E13250-14 5 1/2"

E13260-14 5 1/2" (1 x 2)

curved

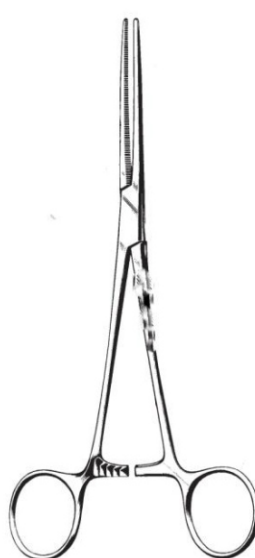
E13251-14 5 1/2" (140mm)

E13260-14 5 1/2" (140mm) (1 x 2)

Crile-Rankin

E13262-16 6 1/4"

E13263-16 6 1/4" (159mm)



ROCHESTER PEAN FORCEPS

E13320-14

straight

E13320-14 5 1/2"

E13320-16 6 1/4"

E13320-18 7 1/4"

E13320-20 8"

E13320-24 9"

E13320-26 10"

E13320-30 12"

E13321-14

curved

E13321-14 5 1/2" (140mm)

E13321-16 6 1/4" (159mm)

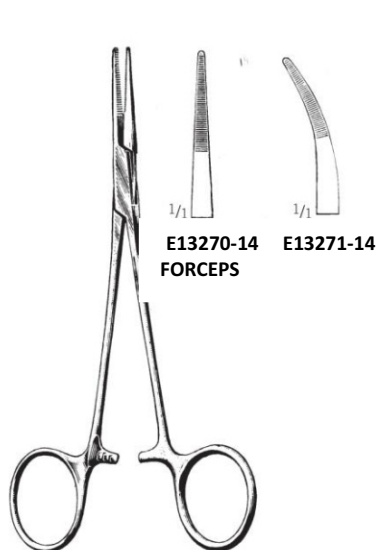
E13321-18 7 1/4" (184mm)

E13321-20 8" (203mm)

E13321-24 9" (229mm)

E13321-26 10" (254mm)

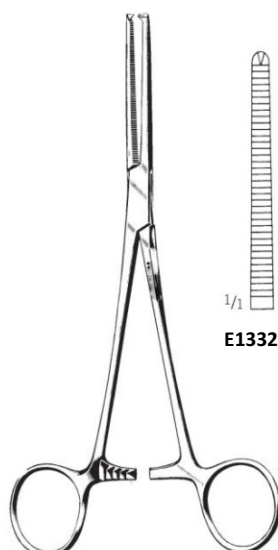
E13321-30 12" (305mm)



PROVIDENCE HOSPITAL FORCEPS

E13270-14
5 1/2" (140mm)
straight

E13271-14
5 1/2" (140mm)
curved



ROCHESTER-OGHSNER FORCEPS 1x2 teeth



E13320-14

straight

E13320-14 5 1/2"

E13320-16 6 1/4"

E13320-18 7 1/4"

E13320-20 8"

E13320-24 9"

E13320-26 10"

E13320-30 12"

E13321-14

curved

E13321-14 5 1/2" (140mm)

E13321-16 6 1/4" (159mm)

E13321-18 7 1/4" (184mm)

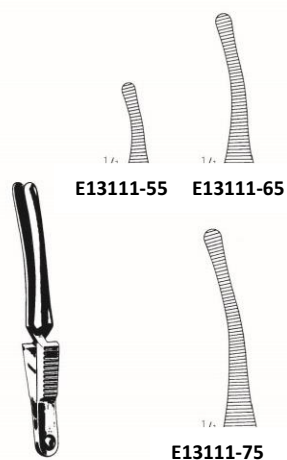
E13321-20 8" (203mm)

E13321-24 9" (229mm)

E13321-26 10" (254mm)

E13321-30 12" (305mm)

HEMOSTATIC FORCEPS



JOHNS HOPKINS BULLDOG CLAMPS

straight	curved
E13102-04 1 1/2"	E13103-04 1 1/2" (38mm)
E13110-55 2"	E13111-55 2" (51mm)
E13110-65 2 1/2"	E13111-65 2 1/2" (64mm)
E13110-75 3"	E13111-75 3" (76mm)
E13110-90 3 1/2"	E13111-90 3 1/2" (89mm)



MIXTER FORCEPS fully curved

E13471-14 5 1/4" (133mm) delicate
E13471-16 6 1/4" (159mm)
E13471-18 7 1/4" (184mm)
E13473-22 9" (229mm)



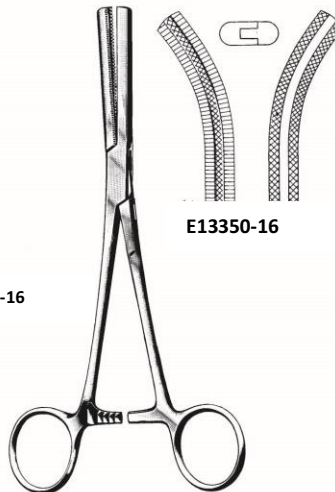
ADSON HEMOSTATIC FORCEPS

straight	curved
E13410-18 7 1/4" (184mm)	E13411-18 7 1/4" (184mm)



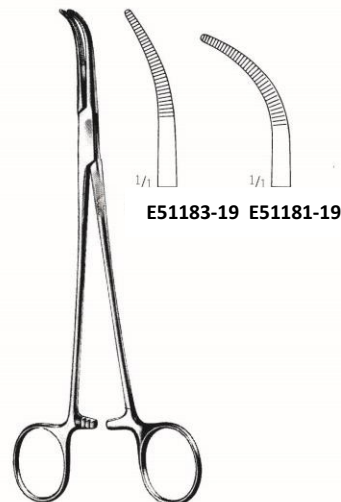
ROCHESTER-CARMALT FORCEPS

straight	curved
E13340-16 6 1/4"	E13341-16 6 1/4" (159mm)
E13340-20 8"	E13341-20 8" (203mm)



FERGUSON ANGIOTRIBE FORCEPS

straight	curved
E13350-16 6 1/4"	E13351-16 6 1/4" (165mm)
E13350-20 7 1/2"	E13351-207 1/2" (191mm)



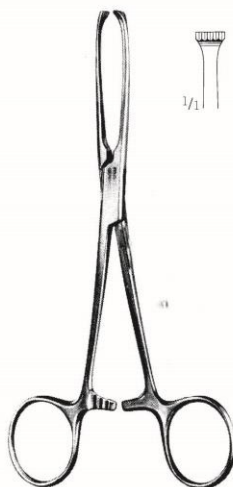
SCHNIDT FORCEPS

half curved	full curved
E51183-19 7 1/2" (191mm)	E51181-19 7 1/2" (191mm)

INTESTINAL FORCEPS




E65102-12




E65140-15




E65160-16

ALLIS TISSUE FORCEPS

E65102-12 4 3/4" (4x5 teeth delicate (121mm)

E65102-14 5 3/4" (4x5 teeth delicate (146mm)

E65108-15 6" (3x4 teeth standard (152mm)

E65110-15 6" (4x5 teeth standard (152mm)

E65120-15 6" (5x6 teeth standard (152mm)

ALLIS TISSUE FORCEPS

E65140-15
7 1/2" (191mm) 5x6 teeth

ALLIS-JUDD TISSUE FORCEPS

E65160-16
6" (152mm) 3x4 teeth

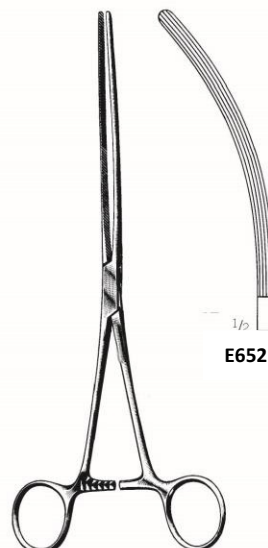



E65160-16



LAHEY VULSELLUM FORCEPS

E55520-15
6 1/4" (159mm) 3x3 prongs




E65210-23

BABCOCK FORCEPS

E65160-16 6 3/4" (159mm)

E65160-20 8 (203mm)

E65160-24 9 1/2" (241mm)

DOYEN CLAMP longitudinal serrations

E65210-23

9" (229mm)

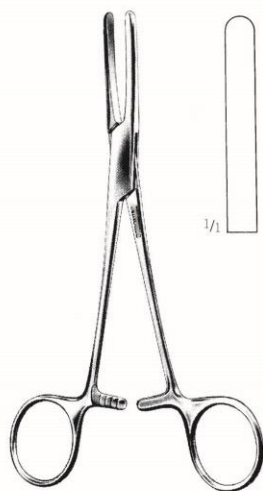
straight

E65211-23

9" (229mm)

curved

TUBING AND UTILITY FORCEPS



**PRESBYTERIAN TUBE
OCCLUDING FORCEPS**
E13704-18
7" (178mm) smooth



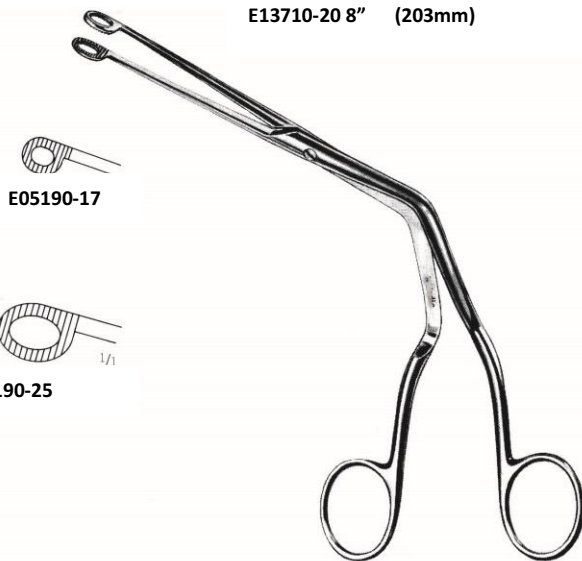
E13710-18

VORSE TUBE OCCLUDING FORCEPS
serrated
E13710-15 5 1/2" (140mm)
E13710-18 7 1/4" (184mm)
E13710-20 8" (203mm)



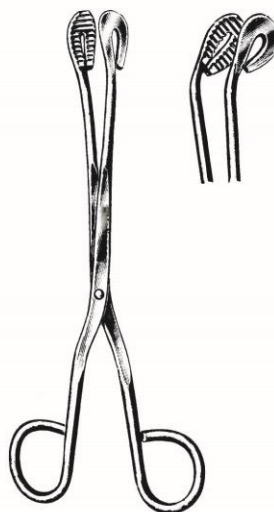
E13712-18

VORSE TUBE OCCLUDING FORCEPS
serrated, with guard
E13712-15 5 1/2" (140mm)
E13712-18 7 1/4" (184mm)
E13712-20 8" (203mm)



E05190-25

MAGILL ENDOTRACHEAL CATHETER INTRODUCING FORCEPS
E05190-17 7" (178mm) child
E05190-25 9" (229mm) adult



UTILITY AND STERILIZER FORCEPS
straight
E5094-20 8"
E55094-27 11"
curved
E55095-20 8" (203mm)
E55094-27 11" (279mm)

TOWEL AND SPONGE FORCEPS



JONES TOWEL FORCEPS

E15103-07

2 ½" (64mm)

E15103-09

3 ¼" (83mm)



BACKHAUS TOWEL FORCEPS

E15111-09

3 ½" (89mm)

E15111-13

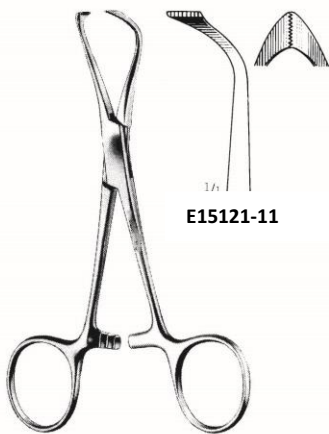
5 ¼" (133mm)



BACKHAUS-ROEDER TOWEL CLAMP

E15117-13

5 ¼" (133mm) with ball stops



E15121-11

LORNA (EDNA) TOWEL CLAMP

E15121-11

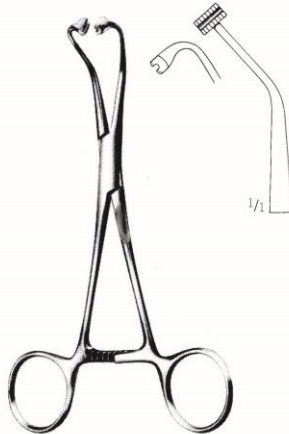
4" (102mm)

non-perforating

E15121-13

5 ¼" (133mm)

non-perforating



PEERS TOWEL CLAMP

E15108-14

5 ¾" (146mm)

non-perforating



E17172-25

E17173-25

FOERSTER SPONGE FORCEPS

straight, serrated

E17170-18 7"

E17170-25 9 ¾"

straight, smooth

E17172-18 7"

E17172-25 9 ¾"

curved, serrated

E17171-18 7" (178mm)

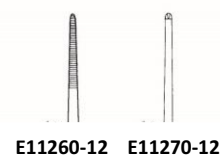
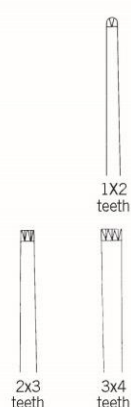
E17171-25 9 ¾" (241mm)

curved, smooth

E17173-18 7" (178mm)

E17173-25 9 ¾" (241mm)

DRESSING AND TISSUE FORCEPS



DRESSING FORCEPS serrated

E11102-11 4 ½" (114mm)
E11102-13 5" (127mm)
E11102-14 5 ½" (140mm)
E11102-16 6" (152mm)
E11102-20 8" (203mm)
E11102-25 10" (254mm)
E11102-30 12" (305mm)

TISSUE FORCEPS

1x2 teeth
E11120-11 4 ½" (114mm)
E11120-13 5" (127mm)
E11120-14 5 ½" (140mm)
E11120-16 6" (152mm)
E11120-20 8" (203mm)
E11120-25 10" (254mm)
E11120-30 12" (305mm)

2x3 teeth
E11140-13 5" (127mm)
E11140-14 5 ½" (140mm)

3x4 teeth
E11150-14 5 ½" (140mm)

SEMKEN FORCEPS

serrated
E11260-12 5" (127mm)
E11260-15 6" (152mm)
1x2 teeth
E11270-12 5" (127mm)
E11270-15 6" (152mm)



E11176-12 E11170-12



E11174-12TC E11186-12



E11180-12 E11187-12 E11188-12



E11176-15 E11186-15

ADSON DRESSING FORCEPS

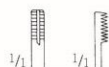
4 ¾" (121mm) serrated
E11176-12 micro tip
E11170-12 delicate tip
E11174-12TC standard tip
E11186-12 carbide tip

ADSON TISSUE FORCEPS 4 ¾" (121mm)

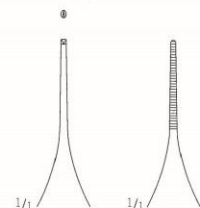
1x2 teeth
E11180-12 micro tip
E11187-12 delicate tip
E11188-12 standard tip
E11186-15 delicate, with tying platform

2x3 teeth
E11176-15

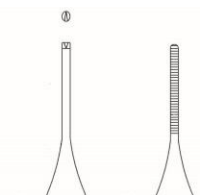
DRESSING AND TISSUE FORCEPS



ADSON BROWN TISSUE FORCEPS
E11188-12
4 3/4" (121mm) 9x9 teeth
side grasping



E11186-15 E11176-15



E11180-15 E11170-15

**ADSON DRESSING AND
TISSUE FORCEPS 6" (152mm)**
E11186-15 micro 1x2 teeth
E11176-15 micro serrated
E11180-15 1x2 teeth
E11170-15 serrated



E11104-14

DRESSING FORCEPS
serrated with fluted handles
E11104-12 4 1/2" (114mm)
E11104-13 5" (127mm)
E11104-14 5 1/2" (140mm)
E11104-15 6" (152mm)



TISSUE FORCEPS
1x2 teeth with fluted handles
E11122-12 4 1/2" (114mm)
E11122-13 5" (127mm)
E11122-14 5 1/2" (140mm)
E11122-15 6" (152mm)

DRESSING AND TISSUE FORCEPS

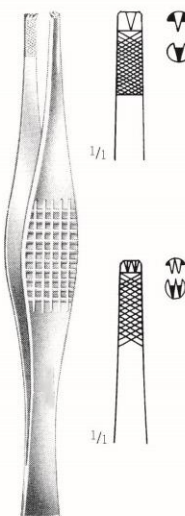


DRESSING FORCEPS
E11111-11
5"(127mm) curved
fine point serrated



E11256-15

RUSSIAN TISSUE FORCEPS
E11256-15 6" (152mm)
E11256-20 8" (203mm)
E11256-25 10" (254mm)



FERRIS-SMITH TISSUE FORCEPS
7" (178mm) with platform
E11246-18 1x2 teeth
E11248-18 2x3 teeth



E12306-16 E12308-16 E12310-16

**DEBAKEY ATRAUMATIC
TISSUE FORCEPS**

E12306-16 6 1/4" (159mm) 1.5mm
E12306-20 8" (203mm) 1.5mm
E12306-24 9 1/4" (235mm) 1.5mm
E12308-16 6 1/4" (159mm) 2.0mm
E12308-20 8" (203mm) 2.0mm
E12308-24 9 1/4" (235mm) 2.0mm
E12310-16 6 1/4" (159mm) 3.5mm
E12310-20 8" (203mm) 3.5mm
E12310-24 9 1/4" (235mm) 3.5mm



ADSON BAYONET FORCEPS
E47154-20
8 1/4" (210mm) straight
with serrated tips



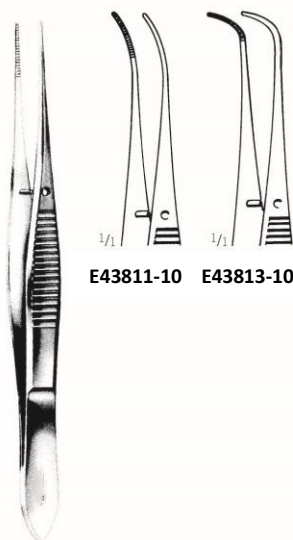
**CUSHING BAYONET
TISSUE FORCEPS 7 1/4" (184mm)**
E47154-20 1x2 teeth
E47155-20 serrated

DRESSING AND TISSUE FORCEPS

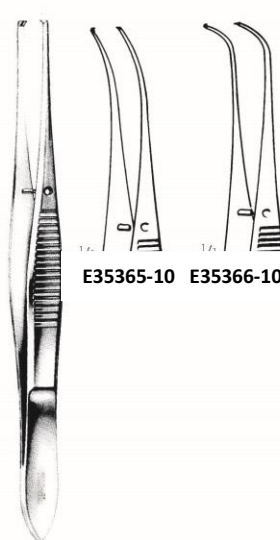


E43802-07 E43803-07

E43804-07 E43805-07



E43811-10 E43813-10



E35365-10 E35366-10

GRAEFE EYE DRESSING FORCEPS

2 1/2" (64mm)

E43802-07 straight serrated

E43803-07 curved serrated

E43804-07 straight 1x2 teeth

E43805-07 curved 1x2 teeth

EYE DRESSING FORCEPS 4" (102mm)

serrated

E43810-10 straight

E43811-10 half curved

E43813-10 full curved

IRIS FORCEPS 4" (102mm)

1x2 teeth

E35364-10 straight

E35365-10 half curved

E35366-10 full curved



E11401-01

#3

4 1/2" (121 mm)



E11403-03

#3C

4 3/4" (111 mm)



E11404-04

#4

4 3/4" (111 mm)



E11405-05

#5

4 1/2" (111 mm)



E11406-06

#6

4 1/2" (121 mm)



E11407-07

#7

4 1/2" (121 mm)

SWISS JEWELERS STYLE FORCEPS

SPLINTER FORCEPS



E11810-09



E11802-09



E11816-10 E11817-10

FEILCHENFELD FORCEPS serrated
E11810-09 E11810-11
3 ¼"(83mm) 4 ½"(114mm)

PLAIN SPLINTER FORCEPS serrated
E11802-09 E11802-11
3 ½"(89mm) 4 ½"(114mm)

CARMALT SPLINTER FORCEPS serrated
E11816-10 E11817-10
4 ¼"(108mm) 4 ½"(108mm)
Straight curved



1/1



E11822-13 E11823-13

VIRTUS SPLINTER FORCEPS
E11828-15
6"(152mm) straight
serrated

VANGUARD SPLINTER LIBERATOR
E11828-16
5"(127mm), trocar in trocar point only
reversible handle

WILLIAMS SPLINTER FORCEPS serrated
E11822-13 5 ½" (140mm) straight
E11823-13 5 ½"(133mm) 45 degree angled
E11824-13 5 ½" (140mm) 90 degree angled

NEEDLE HOLDERS

Our carbide needle holders have TC inserts firmly bonded to the inside of both jaws. We guarantee them for three years. The surface profiles of the inserts have been precision milled to provide the surgeon with a firm, non-slip grip on the needle. Because the carbide is harder than the steel of the needles, carbide needle holders last much longer than ordinary ones. The finger rings are gold plated for easy identification.



HALSEY NEEDLE HOLDER

E25130-13 5"(127mm) smooth
E25134-13TC 5"(127mm) smooth carbide
E25140-13 5 ¼"(133mm) serrated
E25144-13TC 5"(127mm) serrated carbide

HEGAR BAUMGARTNER NEEDLE HOLDER

E25150-12 5"(127mm) serrated
E25150-14 5 ¾"(146mm) serrated
E251154-12TC 5"(127mm) serrated carbide

DERF NEEDLE HOLDER

E25110-12 **E25114-12TC4**
¾"(121mm) 4 ¾"(121mm) carbide
horizontal serrations cross serrations



WEBSTER NEEDLE HOLDER smooth

E25128-13 **E25129-13TC**
5"(127mm) 5"(127mm) carbide

COLLIER NEEDLE HOLDER

E25122-12
5" (127mm) fenestrated jaws
serrated

NIEERT NEEDLE HOLDER

smooth, one offset finger ring
E25146-13 **E25148-13TC**
5" (127mm) 5"(127mm) carbide

NEEDLE HOLDERS



E25180-14 E25180-14TC



E25196-13



20-350-15 20-638-15

MAYO HEGAR NEEDLE HOLDER

serrated

carbide

E25180-14 5 1/2" (133mm)

E25180-16 6" (152mm)

E25180-18 7" (178mm)

E25180-20 8" (203mm)

E25180-26 10 1/2" (267mm)

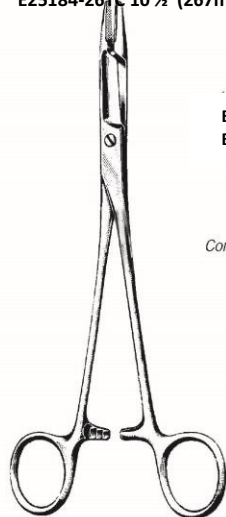
E25184-14TC 5" (127mm)

E25184-16TC 6" (152mm)

E25184-18TC 7" (178mm)

E25184-20TC 8" (203mm)

E25184-26TC 10 1/2" (267mm)



OLSEN-HEGAR NEEDLE HOLDER

BROWN NEEDLE HOLDER fine serrations

E25196-13

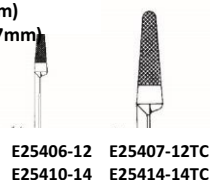
E25196-18

5 1/2" (133mm)

7 1/2" (184mm)

convex jaws

convex jaws



E25406-12 E25407-12TC
E25410-14 E25414-14TC

Combination needle holder
and suture scissors.

E25406-12 4 3/4" (121mm) delicate serrated*

E25405-12 4 3/4" (121mm) delicate smooth*

E25410-14 5 1/2" (140mm) serrated

E25410-17 6 1/2" (165mm) serrated

E25410-18 7 1/2" (191mm) serrated

carbide

E25407-12TC 4 3/4" (121mm) delicate serrated*

E25408-12TC 4 3/4" (121mm) delicate smooth*

E25414-14TC 5 1/2" (140mm) serrated

E25414-17TC 6 1/2" (165mm) serrated

E25414-18TC 7 1/2" (191mm) serrated

CRILE-WOOD (DEBAKEY) NEEDLE HOLDER

serrated

carbide

E25160-15 6" (152mm)

E25160-18 7" (178mm)

E25160-20 8" (203mm)

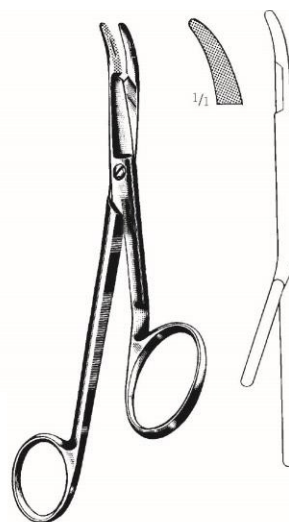
E25160-23 9" (229mm)

E25164-15TC 6" (152mm)

E25164-18TC 7" (178mm)

E25164-20TC 8" (203mm)

E25164-23TC 9" (229mm)



Combination needle holder
and suture scissors.

GILLIES NEEDLE HOLDER

E25430-16

6 1/2" (165mm) curved

one fenestrated jaw

one angled finger ring

NEEDLE HOLDERS



E25324-18



E25225-13TC



E25224-13TC

SAROT NEEDLE HOLDER serrated carbide

E25324-18 7 1/2" E25324-18TC 7 1/2" (191mm)
E25324-26 10 1/2" E25324-26TC 10 1/2" (267mm)

RYDER NEEDLE HOLDER serrated carbide

E25225-13TC 5" (127mm) E25225-20TC 8" (203mm)
E25225-15TC 6" (152mm) E25225-23TC 9" (229mm)
E25225-18TC 7" (178mm) E25225-26TC 10 1/2" (260mm)

RYDER MICRO NEEDLE HOLDER serrated carbide

E25224-13TC 5" (127mm) E25224-20TC 8" (203mm)
E25224-15TC 6" (152mm) E25224-23TC 9" (229mm)
E25224-18TC 7" (178mm)



E25450-14



E25670-14 E25671-14



E25670-14 E25671-14

MATHIEU NEEDLE HOLDER serrated

E25450-14 E25452-14TC
5 1/2" (140mm) 5 1/2" (140mm) carbide

CASTROVIEJO MICRO NEEDLE HOLDER

5 1/2" (140mm) smooth, with lock carbide
E25670-14 straight E25676-14TC straight
E25671-14 curved E25677-14TC curved

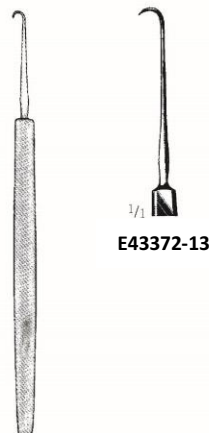
CASTROVIEJO MICRO NEEDLE HOLDER

5 1/2" (140mm) extra delicate, smooth, with lock
E25670-14 straight
E25671-14 curved

SKIN HOOKS



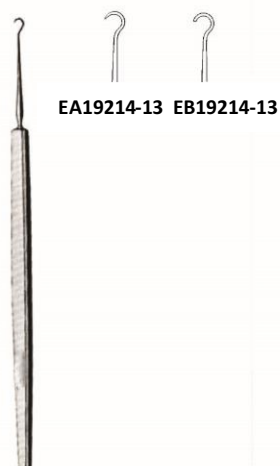
PRIMAX SKIN HOOK
E19210-12
4 3/4" (121mm) one sharp prong
2mm diameter



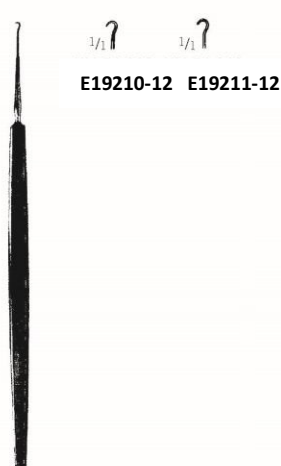
WIENER SKIN HOOK 5" (127mm)
E43372-13 E43373-13
one sharp prong one blunt prong
3.5mm diameter 3.5mm diameter



COTTLE SKIN HOOK
E43373-14
5 1/2" (140mm) one sharp prong
large deep curve 4mm diameter



FRAZIER HOOK 5" (127mm)
EA19214-13 EB19214-13
one sharp prong one blunt prong
2.5mm diameter 2.5mm diameter

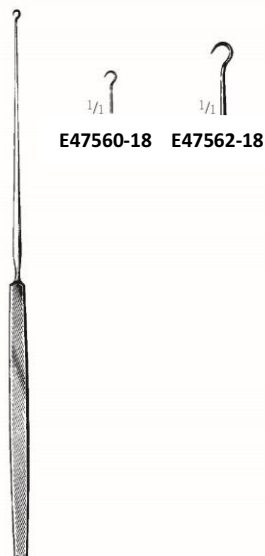


TYRELL HOOK 5" (127mm)
E19210-12 E19211-12
one sharp prong one blunt prong
1.5mm diameter 1.5mm diameter



GUTHRIE HOOK
E19212-01
5" (127mm) 2 sharp prongs
2.5mm wide

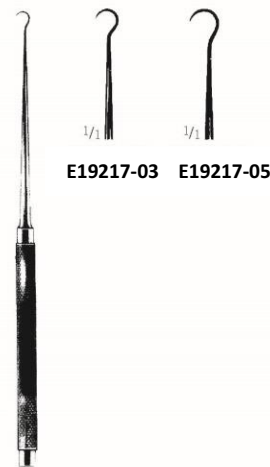
SKIN HOOKS AND FINGER RETRACTORS



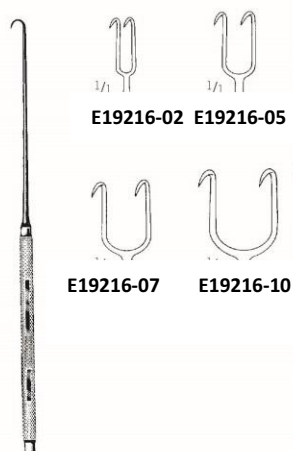
GILLIES HOOK 7" (178mm)
E47560-18 2mm diameter
E47562-18 3mm diameter



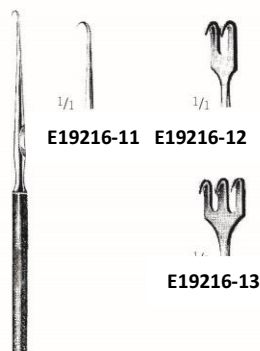
FREER SKIN HOOK 6" (152mm)
E47558-15 2 sharp prongs
E47558-15 2 blunt prongs
2mm wide



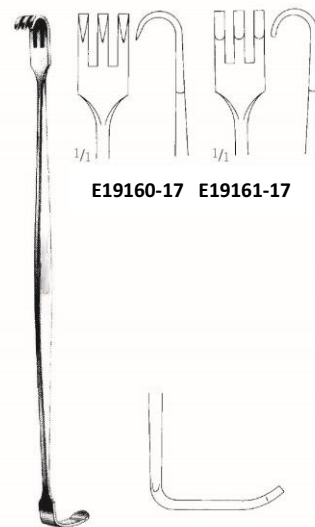
KLEINERT-KUTZ HOOK 6" (152mm)
E19217-03 3mm diameter
E19217-05 5mm diameter
E19217-07 7mm diameter



JOSEPH HOOK 6 1/4" (159mm) sharp
E19216-01 1 prong
E19216-02 2 prongs 2mm wide
E19216-05 2 prongs 5mm wide
E19216-07 2 prongs 7mm wide
E19216-10 2 prongs 10mm wide



LAHEY RETRACTOR 4 3/4" (121mm)
E19216-11 1 sharp prong
E19216-12 2 sharp prongs
E19216-13 3 sharp prongs



SENN RETRACTOR 3 prongs
E19160-17 6 1/4" (159mm) sharp
E19161-17 6 1/4" (159mm) blunt

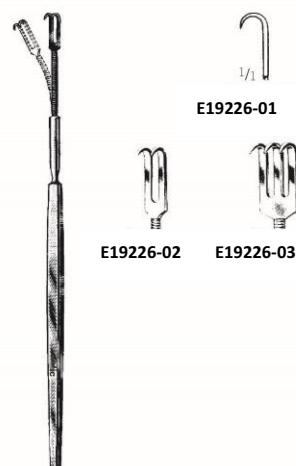
FINGER RETRACTORS



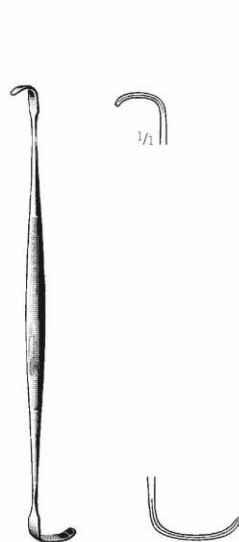
BLAIR (ROLLET) RETRACTOR
5 1/2" (140mm)
E19220-04 4 sharp prongs, rigid
E19221-04 4 blunt prongs, rigid
E19227-04 4 sharp prongs, flexible



RIGID RAKE RETRACTOR 6 1/2" (165mm)
E19220-01 1 sharp prong
E19220-02 2 sharp prongs
E19220-03 3 sharp prongs
E19221-01 1 blunt prong
E19221-02 2 blunt prongs
E19221-03 3 blunt prongs



FLEXIBLE RAKE RETRACTOR 6 3/4" (159mm)
E19226-01 1 sharp prong
E19226-02 2 sharp prongs
E19226-03 3 sharp prongs
E19227-01 1 blunt prong
E19227-02 2 blunt prongs
E19227-03 3 blunt prongs



RAGNELL RETRACTOR
E19125-14
5 3/4" (146mm) double ended
4mm width x 8mm depth blade
and 6mm width x 15mm depth blade



RAGNELL RETRACTOR
E19126-14
5 3/4" (146mm) double ended WITH serrations
4mm width x 8mm depth blade
and 6mm width x 15mm depth blade

*Fine cross serrations
help prevent slippage.*



DAVIS RETRACTOR
E19126-16
6" (152mm) double ended
6mm width x 17mm depth blade
and 9mm width x 20mm depth blade

RETRACTORS



VOLKMAN RETRACTOR 4 1/2" (114mm)
sharp

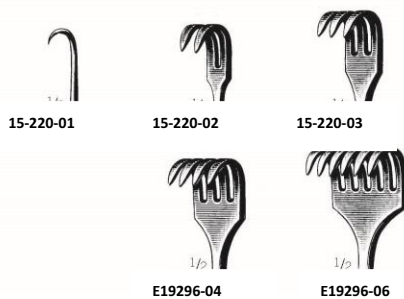
E19270-02 2 prongs
E19270-03 3 prongs
E19270-04 4 prongs
E19270-06 6 prongs
blunt
E19271-01 2 prongs
E19271-03 3 prongs
E19271-06 6 prongs



MATHIEU RETRACTOR 6 1/2" (159mm)
E19160-17 3 sharp prongs
E19161-17 3 blunt prongs



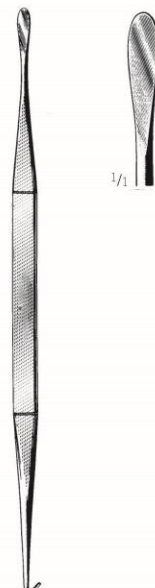
VOLKMAN RETRACTOR 8 1/2" (216mm) with ring handle



sharp
E19296-01 1 prong 10mm depth
E19296-02 2 prongs 8mm width X 10mm depth
E19296-03 3 prongs 13mm width X 10mm depth
E19296-04 4 prongs 18mm width X 10mm depth
E19296-06 6 prongs 28mm width X 10mm depth
blunt
E19297-01 2 prongs 8mm width X 10mm depth
E19297-03 3 prongs 13mm width X 10mm depth
E19297-04 4 prongs 18mm width X 10mm depth
E19297-06 6 prongs 28mm width X 10mm depth



JACKSON TRACHEAL HOOK
E55116-15
5 3/4" (146mm) sharp



SMITHWICK HOOK AND DISSECTOR
E41070-29
12" (305mm) double ended

RETRACTORS



CRILE RETRACTOR
E19127-11
4 3/8" (111mm) double ended



MEYERDING FINGER RETRACTOR 7" (178mm)



**E19302-01
#1**



**E19302-02
#2**



**E19302-03
#3**



**E19302-04
#4**



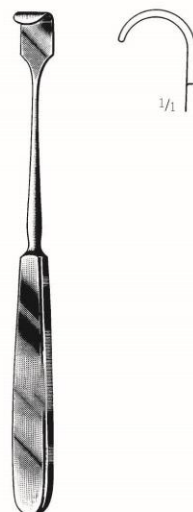
**E19302-05
#5**



**E19302-06
#6**



LAHEY RETRACTOR
E19304-19
7 3/4" (195mm)



LITTLE RETRACTOR
E19306-20
7 3/4" (195mm)



LOVE NERVE RETRACTOR 8 1/2" (216mm)
E19307-21 7mm blade straight
E19308-19 7mm blade angled 45 degrees
E19309-19 7mm blade angled 90 degrees

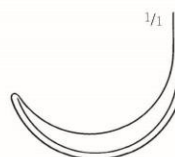
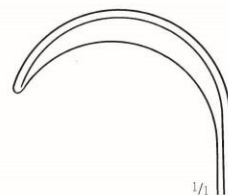
RETRACTORS



GREEN RETRACTOR
E19348-22
8 1/2" (216mm) fenestrated handle



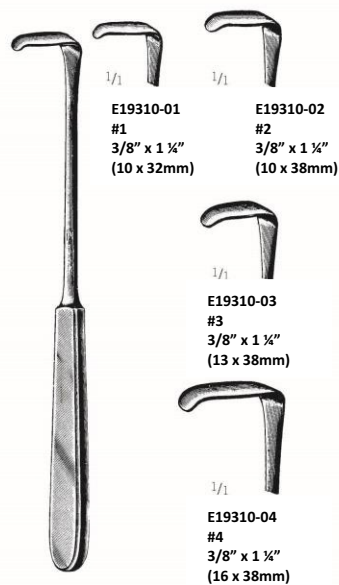
GOELET RETRACTOR
E19135-19
7 1/2" (191mm) double ended



CUSHING VEIN RETRACTOR
E19235-21
9" (229mm) fenestrated handle



CUSHING VEIN RETRACTOR
E19232-11
8" (203mm) 10mm blade



LANGENBECK RETRACTOR 8" (203mm)

RETRACTORS



E19152-25



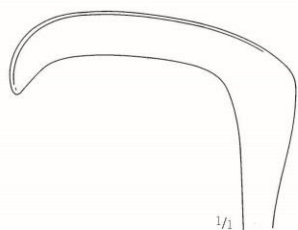
RICHARDSON RETRACTOR
E19152-51
9 1/2" (241mm)
3/4" wide x 2" long blade
(19mm wide x 51mm long blade)



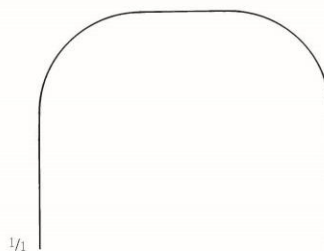
RICHARDSON-EASTMANN
RETRACTOR
E19140-01/26 9 1/2" (241mm) small
E19140-02/28 10 1/4" (260mm) large
E19140-00 set of two

RICHARDSON RETRACTOR 9 1/2" (241mm)
E19152-25 3/4" wide x 1" long blade
(19mm wide x 25mm long blade)
E19152-31 1" wide x 1 1/4" long blade
(25mm wide x 32mm long blade)
E19152-38 1 1/2" wide x 1 1/4" long blade
(38mm wide x 38mm long blade)

RETRACTORS



E19158-64



E19189-27



KELLY RETRACTOR 9 3/4" (248mm) with loop handle
 E19158-51 1 1/2" x 2" blade (38mm x 51mm)
 E19158-64 2" x 2 1/2" blade (51mm x 64mm)
 E19158-76 2 1/2" x 3" blade (64mm x 76mm)
 E19158-82 3" x 2 1/2" blade (76mm x 64mm)

DEAVER RETRACTOR hollow grip handle
 E19189-25 1" wide x 10" long blade (25mm x 254mm)
 E19189-26 1" wide x 12" long blade (25mm x 305mm)
 E19189-27 1" wide x 13" long blade (25mm x 330mm)
 E19189-50 2" wide x 12" long blade (51mm x 305mm)
 E19189-51 2 1/2" wide x 14 1/2" long blade (64mm x 368mm)
 E19189-75 3" wide x 12" long blade (76mm x 305mm)
 E19189-76 3 1/2" wide x 12" long blade (89mm x 305mm)

RETRACTORS



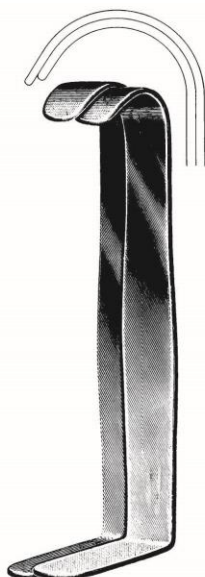
PARKER RETRACTOR
double ended, set of two
E19110-13 5" (127mm) set
E19110-18 7 1/4" (184mm) set



ROUX RETRACTOR
E19122-13 5 1/2" (133mm) small
3/4" x 1" (19mm x 25mm)
E19120-15 5 3/4" (146mm) medium
7/8" x 1 3/8" (22mm x 35mm)
E19120-17 6 5/8" (173mm) large
1" x 1 5/8" (25mm x 41mm)



MAYO-COLLINS RETRACTOR
E19120-18
6" (152mm) double ended, set of two



PARKER-MOTT RETRACTOR
E19102-15
6" (152mm) double ended, set of two

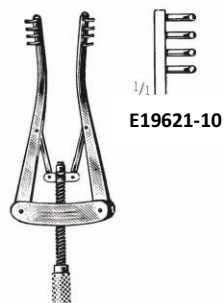


U.S. ARMY RETRACTOR
E19131-21
8 1/4" (210mm) double ended, set of two



RIBBON RETRACTOR malleable
E19168-06 6" x 1/2" (152mm x 13mm)
E19168-25 7 1/2" x 1" (191mm x 25mm)
E19170-20 13" x 3/4" (330mm x 19mm)
E19170-25 13" x 1" (330mm x 25mm)
E19170-32 13" x 1 1/4" (330mm x 32mm)
E19170-40 13" x 1 1/2" (330mm x 38mm)
E19170-50 13" x 2" (330mm x 51mm)

SELF-RETAINING RETRACTORS



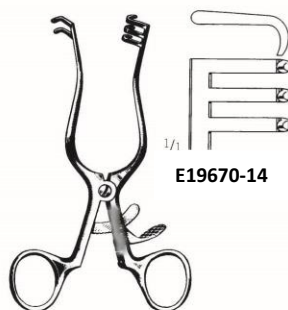
ALM RETRACTOR 4 blunt prongs
E19621-07 2 3/4" (70mm)
E19621-10 4" (102mm)



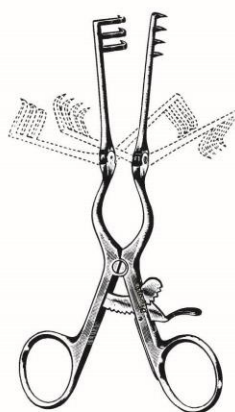
SELF RETAINING RETRACTORS
4" (102mm)
E19634-10 4 sharp prongs
E19635-10 4 blunt prongs



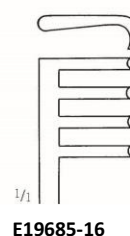
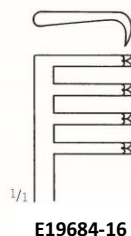
GELPI RETRACTOR sharp points
E19802-09 3 1/2" (89mm)
E19802-11 4 1/2" (114mm)
E19802-14 5 1/2" (140mm)
E19802-18 7 1/2" (191mm)
E19804-18 7" with ball stops (178mm)



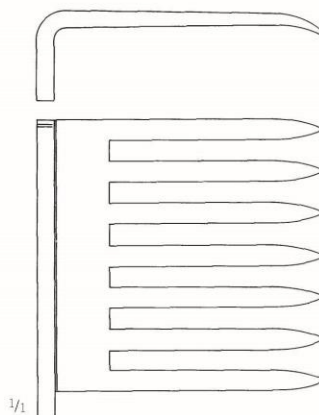
WEITLANER RETRACTOR
sharp points blunt points
2x3 teeth 2x3 teeth
E19650-10 4" E19651-10 4" (102mm)
3x4 teeth 3x4 teeth
E19670-14 5 1/2" E19671-14 5 1/2" (140mm)
E19670-16 6 1/2" E19671-16 6 1/2" (165mm)
E19670-20 8" E19671-20 8" (203mm)
E19670-24 9 1/2" E19671-24 9 1/2" (241mm)



BECKMAN-WEITLANER RETRACTOR hinged blades
3x4 sharp prongs
E19684-16 6 1/2" (165mm) 15mm depth x 20mm height
3x4 blunt prongs
E19685-16 6 1/2" (165mm) 15mm depth x 20mm height



SELF-RETAINING RETRACTORS



BECKMAN-EATON RETRACTOR
E19692-32
12 ½" (317mm)
hinged blades
7x7 sharp prongs
45mm depth x 45mm height

SELF-RETAINING RETRACTORS



E19687-02

BECKMAN RETRACTOR
E19687-02
12 1/4" (311mm)
with hinged blades
4x4 sharp prongs
17mm depth x 27mm height

E19687-01
12 1/4" (311mm)
with hinged blades
4x4 blunt prongs
17mm depth x 27mm height

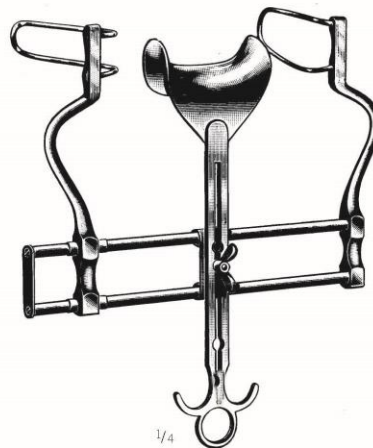


ADSON RETRACTOR
E19686-32
13" (330mm)
with hinged blades
4x5 blunt prongs

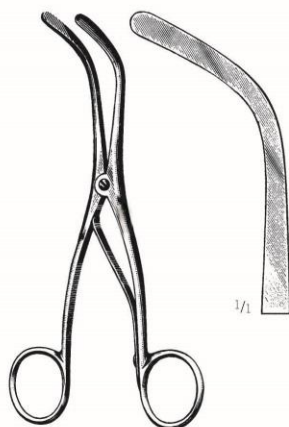
RETRACTORS AND DILATORS



BALFOUR RETRACTOR Pediatric
E19766-90
3 1/2" (89mm) spread, fenestrated



BALFOUR RETRACTOR Adult
E19764-18
7" (178mm) spread, fenestrated

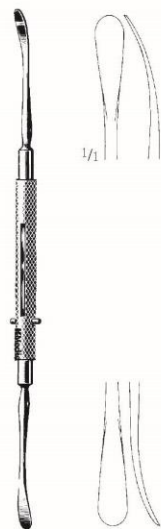


TROSSEAU DILATOR
E55111-14
5 1/4" (133mm) bi-valve



LA BORDE DILATOR
E55113-14
5 1/2" (140mm) tri-valve

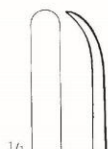
ELEVATORS



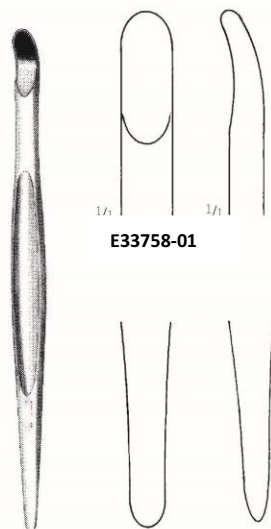
FREER ELEVATOR
E47415-18
7 ½" (191mm) one sharp and
one blunt blade, 5mm wide



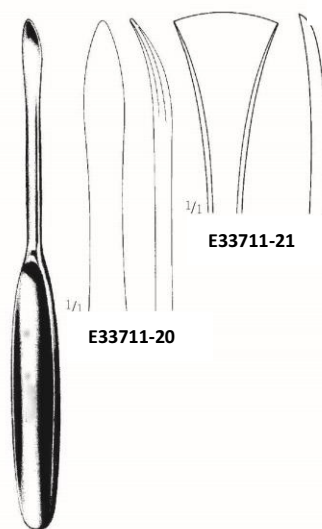
MCKENTY ELEVATOR 5 ½" (140mm)
E47410-04 4mm wide
E47410-05 5mm wide



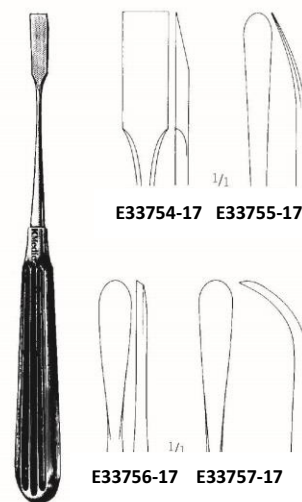
KEY PERIOSTEAL ELEVATOR
E33759-06 7" (178mm) ¼" (6mm) wide
E33759-10 7 ½" (191mm) 3/8" (10mm) wide
E33759-12 7 ½" (191mm) ½" (13mm) wide
E33759-19 8" (203mm) 3/4" (19mm) wide
E33759-25 8 ¼" (210mm) 1" (25mm) wide



SAYRE PERIOSTEAL ELEVATOR
6 ½" (165mm)
E33758-01 sharp double ended
E33758-02 blunt double ended



LANGENBECK PERIOSTEAL ELEVATOR
7" (178mm)
E33711-20 7mm wide blunt edge
E33711-21 18mm wide sharp edge

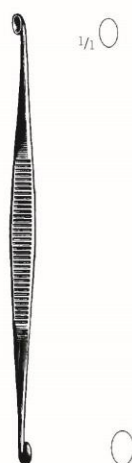


ADSON PERIOSTEAL ELEVATOR
6 ¾" (171mm)
E33754-17 straight sharp
E33755-17 curved blunt
E33756-17 straight semi-sharp
E33757-17 curved semi-sharp

CURETTES



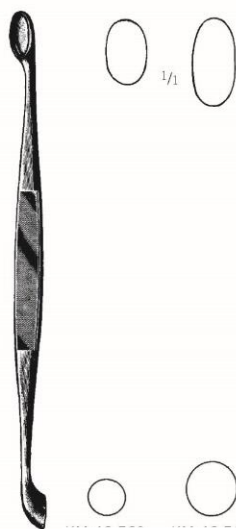
MARTINI BONE CURETTE
E33498-12
5 ½" (140mm) double ended
4mm and 5mm round cups



WILLIGER BONE CURETTE
E33496-12
5 ½" (140mm) double ended
3mm and 4mm oval cups



VOLKMANN CURETTE
E33494-17
6 ½" (165mm) double ended
oval cups

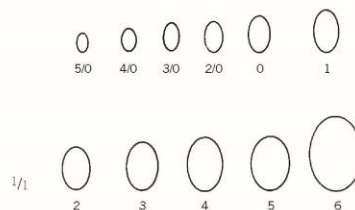


E33492-13 E33492-16

VOLKMANN CURETTE oval and round cups
E33492-13 5" (127mm) double ended
E33492-16 6 ½" (165mm) double ended
E33492-20 8" (203mm) double ended



BRUN (SPRATT) CURETTE oval cup



7" (178mm)
E33474-95 #5/0
E33474-96 #4/0
E33474-97 #3/0
E33474-98 #2/0
E33475-00 #0
E33475-01 #1
E33475-02 #2
E33475-03 #3
E33475-04 #4
E33475-05 #5
E33475-06 #6

9" (229mm)
E33480-97 #3/0
E33480-98 #2/0
E33481-00 #0
E33481-01 #1
E33481-02 #2
E33481-03 #3
E33481-04 #4
E33481-05 #5
E33481-06 #6

OSTEOTOMES

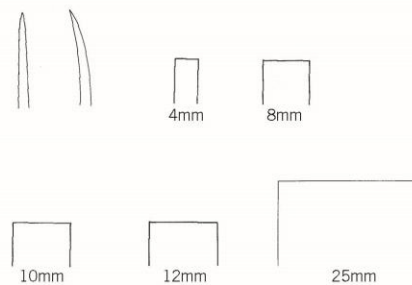


U.S. ARMY PATTERN OSTEOTOME
6 1/2" (165mm)

E33610-06 6mm wide
E33610-12 12mm wide
E33610-18 18mm wide



LAMBOTTE OSTEOTOME



5" (127mm) straight without calibration lines

E33654-04 4mm	E33654-14 14mm
E33654-06 6mm	E33654-15 15mm
E33654-08 8mm	E33654-18 18mm
E33654-10 10mm	E33654-19 19mm
E33654-12 12mm	E33654-20 20mm

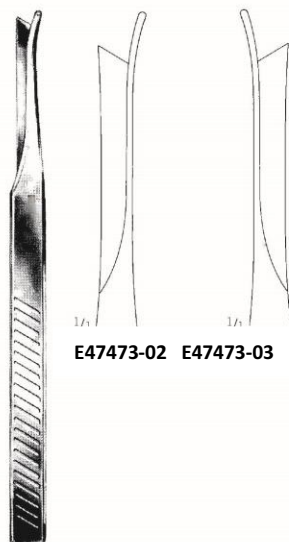
7" (178mm) straight with calibration lines

E33652-4 4mm	E33652-12 12mm
E33652-5 5mm	E33652-15 15mm
E33652-6 6mm	E33652-69 69mm
E33652-8 8mm	E33652-72 72mm
E33652-10 10mm	E33652-75 75mm

9" (229mm) straight without calibration lines

E33650-06 1/4" (6mm)	E33651-06 1/4" (6mm)
E33650-13 1/2" (13mm)	E33651-13 1/2" (13mm)
E33650-20 3/4" (19mm)	E33651-20 3/4" (19mm)
E33650-25 1" (25mm)	E33651-25 1" (25mm)
E33650-30 1 1/4" (32mm)	E33651-30 1 1/4" (32mm)
E33650-38 1 1/2" (38mm)	E33651-38 1 1/2" (38mm)

9" (229mm) curved without calibration lines



E47473-02 E47473-03

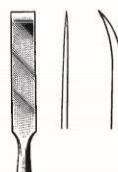
SILVER OSTEOTOME
7" (178mm) single guard
E47473-01 straight
E47473-02 guard, right
E47473-03 guard, left



straight

E33668-03 1/8" (3mm)
E33668-05 3/16" (4mm)
E33668-06 1/4" (6mm)
E33668-08 5/16" (8mm)
E33668-09 3/8" (10mm)

HOKE OSTEOTOME
5 1/4" (133mm) straight



E47471-07 6mm
E47471-08 8mm
E47471-10 10mm
E47471-12 12mm

SHEEHAN OSTEOTOME 6 1/4" (159mm)

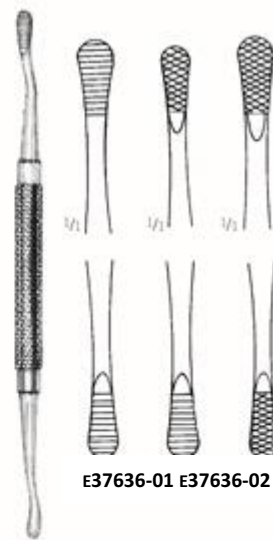
BONE RASPS AND FILES



MALTZ RASP
E47504-18
7 ¼" (184mm)
backward cutting

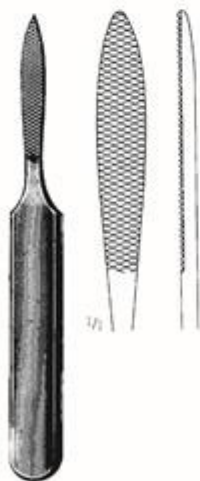


MALTZ RASP IMPROVED
E37660-20 8 ¾" (210mm) double
ended
forward and backward cutting

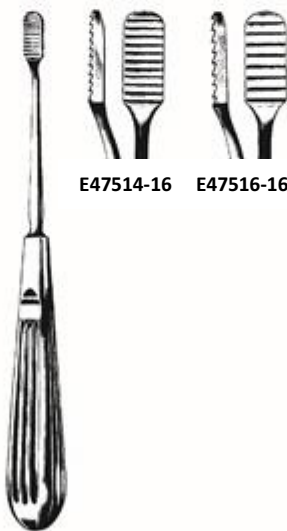


E37636-01 E37636-02 E37636-03

BONE FILES 7" (178mm) double ended
E37636-01 #12 plain serrations
E37636-02 #12A plain and cross serrations
E37636-03 #12CA cross serrations

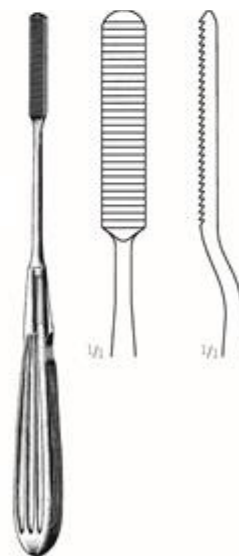


JOSEPH RASP
E47502-16
6 ¾" (159mm) fine
cross serrations



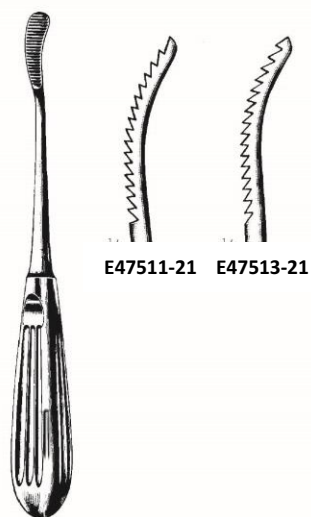
E47514-16 E47516-16

LEWIS RASP backward cutting
E47514-16 E47516-16
7 ½" (191mm) 7 ½" (191mm)
fine teeth coarse teeth



COTTLE RASP
E47518-21
8" (203mm)
backward cutting

BONE RASPS, FILES AND SAWS

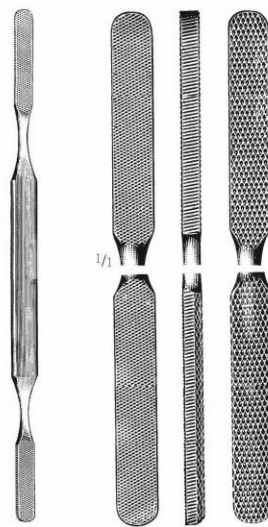


E47511-21 E47513-21

AUFRICHT RASP 8 1/4" (210mm)
E47511-21 forward cutting
E47513-21 backward cutting



BONE FILE
E33971-24
9 1/2" (241mm) bayonet shank
half round blade fine teeth



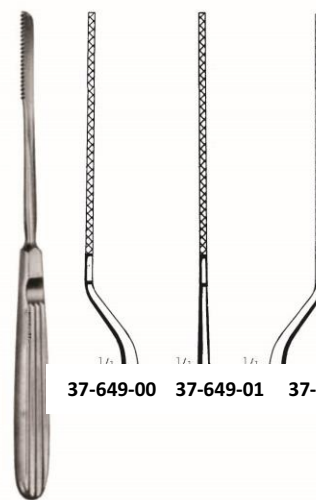
FOMON RASP
E47520-21
8 1/2" (216mm) double ended
fine and coarse teeth
4-sided, convex and flat



PUTTI BONE RASP
E33973-27
11" (279mm) flat ends
one end curved up
one end curved sideways



PUTTI BONE RASP
E33974-27
12" (305mm) one round end
and one half round end



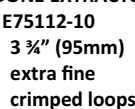
37-649-00 37-649-01 37-649-02

JOSEPH BONE SAW 7 1/2" (191mm)
E47533-19 straight
E47534-19 bayonet left
E47532-19 bayonet right

DERMAL INSTRUMENTS



SCHAMBERG COMEDONE EXTRACTOR
E75111-10
3 ¾" (95mm)
standard
crimped loops



SCHAMBERG COMEDONE EXTRACTOR
E75113-10
3 ¾" (95mm)
square loops



UNNA COMEDONE EXTRACTOR
E75113-14
5 ¾" (146mm)
fenestrated spoon ends



KATSCH COMEDONE EXTRACTOR
E75118-14
6 ¾" (159mm) one fenestrated cup
and curved lancet with cap



GREG COMEDONE EXTRACTOR
E75118-15
5" (127mm) one fenestrated cup
and lancet blade with cap



SAALFELD COMEDONE EXTRACTOR
E75121-10
4 ½" (114mm) with lancet
and one fenestrated cup

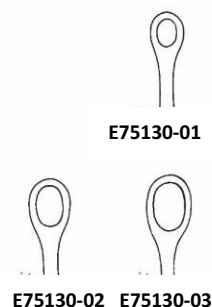
DERMAL INSTRUMENTS



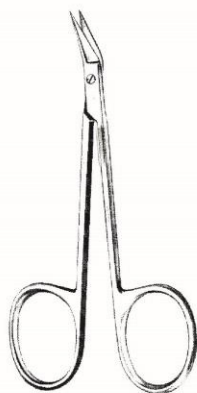
KEYES PUNCH 4" (102mm)
E75140-02 2mm E75140-05 5mm
E75140-03 3mm E75140-06 6mm
E75140-04 4mm E75140-08 8mm



FOX CURETTE 5 1/2" (140mm) round
E75128-01 1mm E75128-04 4mm
E75128-02 2mm E75128-05 5mm
E75128-03 3mm E75128-06 6mm



PIFFARD CURETTE 5 1/2" (140mm) oval
E75130-01 #1 small
E75130-02 #2 medium
E75130-03 #3 large



BIRO DERMAL NAEUS SCISSORS
E75469-10
4" (102mm) angled on flat
sharp outside edges



NAIL SPLITTER



E75475-11
4 1/2" (114mm)



E75480-13
5" (127mm)
heavy jaw



E75485-13
5" (127mm)
narrow jaw



E75490-15
6" (152mm)

*Note: For a sure grip, our
splitters have grooved handles.*

DERMAL INSTRUMENTS



TISSUE NIPPER



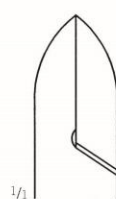
E75600-10
4 ½" (114mm),
11mm cutting edge



E75600-11
5" (127mm)
14mm
cutting edge



NAIL NIPPER heavy



E75450-13
5 ½" (140mm)
concave



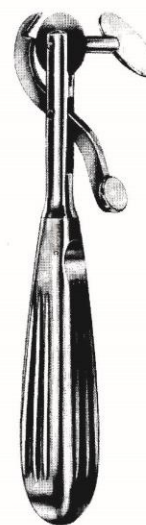
E75460-13
5 ½" (140mm)
straight



NAIL NIPPER
E75341-13
4 ½" (114mm) concave
chrome
barrel spring



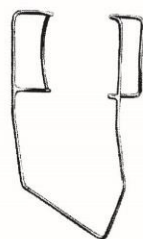
INGROWN NAIL FORCEPS
E75550-13
5" (127mm)
14mm
narrow blade



FINGER RING CUTTER
E34172-00
6 ½" (165mm) chrome
with saw blade

E34172-01
saw blade only

EYE INSTRUMENTS



BARRAQUER EYE SPECULUM

1 3/4" (44mm)

E43101-03

small blades

10mm wide

E43101-04

large blades

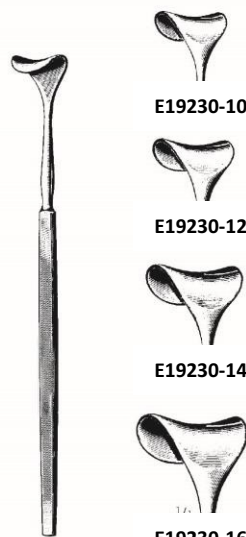
15mm wide



GRAEFE EYE SPECULUM

E43109-07

3 1/2" (89mm)



DESMARRES LID RETRACTOR

5 1/2" (140mm)

E19230-10 #1 11mm

E19230-12 #2 13mm

E19230-14 #3 15mm

E19230-16 #4 17mm



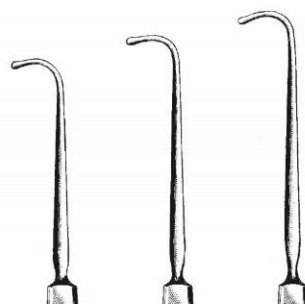
MEYHOEFFER CURETTE 5" (127mm)

E43402-10 #2/0 1.0mm

E43402-15 #0 1.5mm

E43402-18 #1 1.7mm

E43402-20 #2 2.0mm



E43351-01

E43351-02

E43351-03

GRAEFE STRABISMUS HOOK

5 1/2" 140mm)

E43351-01 small

E43351-02 medium

E43351-03 large



BOWMAN LACRIMAL PROBES

5" (127mm) sterling

E43613-00 size 0000/000

E43614-00 size 00/0

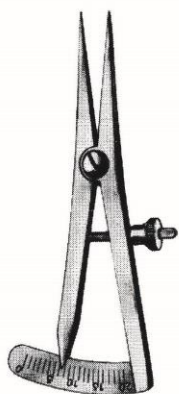
E43614-12 size 1/2

E43614-34 size 3/4

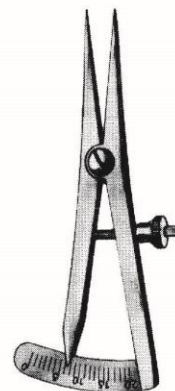
E43614-56 size 5/6

E43614-78 size 7/8

EYE INSTRUMENTS



CASTROVIEJO CALIPER
E43583-06
3 ¼" (83mm) graduated
0-15mm



CASTROVIEJO CALIPER
E43583-07
3 ¼" (83mm) graduated
0-20mm



DIX SPUD AND NEEDLE
E43548-13
in rEversible screw handle



FOREIGN BODY NEEDLES AND SPUDS



NEEDLE
E43305-12
5" (127mm)
2 x 5mm blade



DAVIS
E43325-13
4 ¾" (121mm)
0.8mm blade



ELLIS
E43331-11
4 ½" (114mm) curved
1.2mm blade

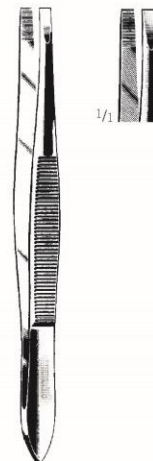
EYE INSTRUMENTS



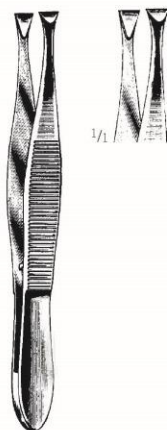
BISHOP HARMAN FORCEPS 3 3/8" (86mm)
E43940-05 extra delicate serrated 0.7mm
E43940-08 delicate serrated 1.0mm
E43942-08 delicate 1x2 teeth 1.0mm



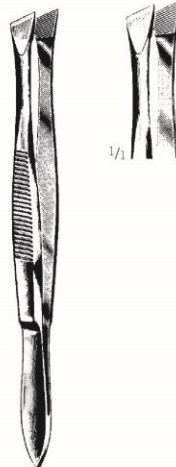
TROUTMAN-BARRAQUER FORCEPS
E43885-07
3" (76mm) 1x2 teeth
0.12mm with tying platform



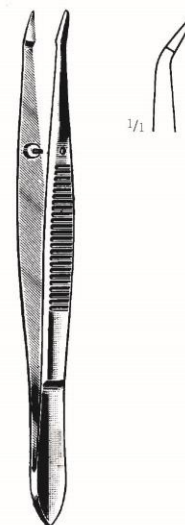
DOUGLAS CILIA FORCEPS
E44422-09
3 1/2" (89mm) fine serrations



LITTAUER CILIA FORCEPS
E44424-08
3 1/2" (89mm) fine serrations



BERGH CILIA FORCEPS
E44426-09
3 1/2" (89mm) fine serrations



BARRAQUER CILIA & SUTURE FORCEPS
E44425-10
4 1/2" (114mm) smooth platform

EAR AND NOSE INSTRUMENTS



HARTMAN EAR SPECULA round chrom
E45011-04 #1 4mm diameter
E45011-05 #2 5mm diameter
E45011-07 #3 6mm diameter
E45011-08 #4 7mm diameter



GRUBER EAR SPECULA oval adult chrome
E45014-45 #1 4 x 5mm
E45014-55 #2 5 x 6mm
E45014-65 #3 6 x 7mm
E45014-75 #4 7 x 8mm



QUIRE MECHANICAL FINGER
E45251-10
4" (102mm)



WILDE EAR FORCEPS
E45201-10 4 1/2" (114mm) delicate serrated angular
E45201-11 5" (127mm) serrated angular



LUCAE EAR FORCEPS
E45206-14 5 1/2" (140mm) serrated bayonet



JANSEN (GRUENWALD) EAR FORCEPS
E45206-16 6 1/4" (159mm) serrated bayonet
E47154-20 8" (203mm) serrated bayonet

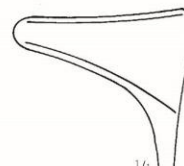
EAR AND NOSE INSTRUMENTS



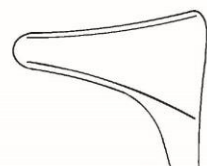
VIENNA SPECULUM LIGHT
E47113-03
5 3/4" (146mm)
adult



E47112-01
small



E47112-02
medium



E47112-03
large



E47116-13

HALLE-TIECK SPECULUM
E47116-13 E47116-13
5 1/2" (140mm) 5 1/2" (140mm)
infant adult

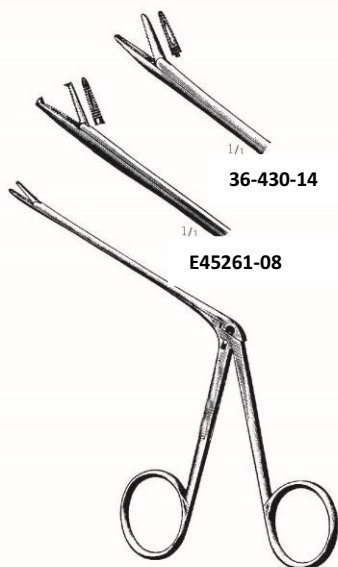


KILLIAN NASAL SPECULUM 6"
(152mm)
E47120-50 2" blade
E47120-75 3" blade
E47120-90 3 1/2" blade



AUFRICHT NASAL RETRACTOR
E47551-16
6 1/2" (165mm)
solid blade

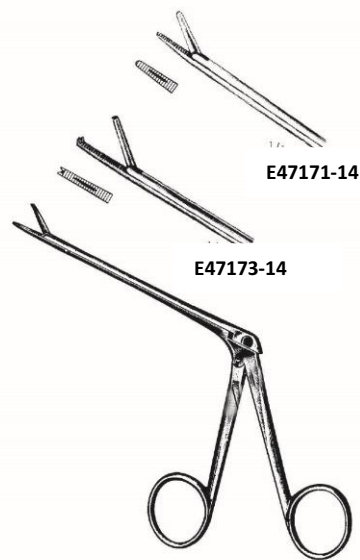
EAR AND NOSE INSTRUMENTS



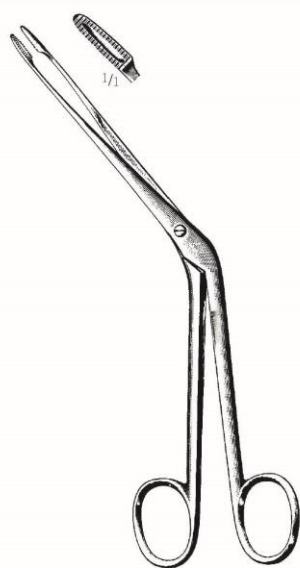
HARTMANN ALLIGATOR FORCEPS
E45261-08 3 ½" (89mm) serrated
E45261-14 5 ½" (140mm) serrated
E45261-16 6 ½" (165mm) serrated
E45261-08 3 ½" (89mm) 1x2 teeth serrated



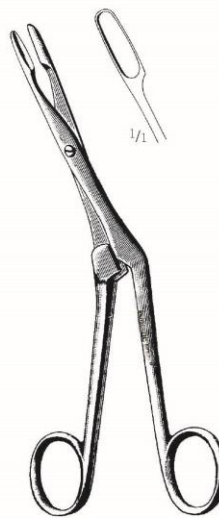
HARTMANN EAR DRESSING FORCEPS
E45246-12
5" (127mm) delicate
serrated



NOYES ALLIGATOR FORCEPS
E47171-14 E47173-14
5 ½" (140mm) 5 ½" (140mm)
serrated 1x2 teeth
serrated



HARTMANN NASAL FORCEPS
E47161-20
8" (203mm) standard serrated



KNIGHT SEPTUM FORCEPS
E47185-18
7" (178mm)
cup jaws



LUC SEPTUM FORCEPS 8" (203mm)
E47197-01 E47197-02
small cup large cup

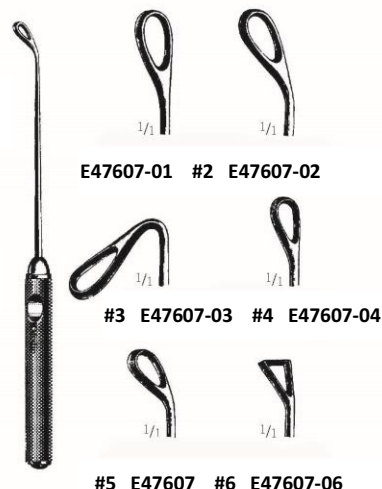
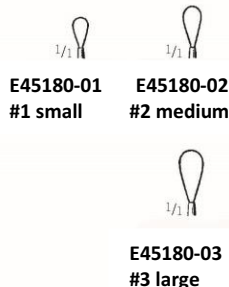
EAR AND NOSE INSTRUMENTS



GROSS SPOON AND HOOK
E45171-12
4 3/4" (121mm)



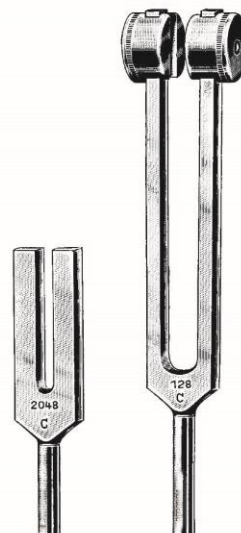
BILLEAU LOOP 6 1/4" (165mm)



COAKLEY ANTRUM CURETTES
6 3/4" (171mm)



BUCK CURETTE 6 1/2" (165mm)



TUNING FORK aluminum alloy
E45060-01C-128
E45060-02C-256
E45060-03C-512
E45060-04C-1024
E45060-05C-2048
E45061-00 set of five in a case

MALLETS



Mallet #49
E33698-98
7 3/4" (195mm) lead filled and faced
weight: 7 oz. (200 grams)
head weight: 5 oz. (150 grams)
head diameter: 22mm



*Autoclavable to
250°F (121°C).*

MEAD Mallet
E33693-32
7 1/2" (191mm) with replaceable nylon caps
weight: 11 oz. (315 grams)
head weight: 6 oz. (170 grams)
head diameter: 20mm



GERZOG BONE Mallet
E33686-25
7 1/2" (191mm) lead filled and faced
weight: 10 oz. (285 grams)
head weight: 7 oz. (200 grams)
head diameter: 25mm



LUCAE BONE Mallet
E33692-26
8" (203mm) brass head
stainless steel handle
weight: 9 oz. (260 grams)
head weight: 5 oz. (150 grams)
head diameter: 25mm



*Autoclavable to
250°F (121°C).*

Mallet lightweight
E33694-01
7 1/2" (191mm) with two replaceable nylon caps
anodized aluminum handle
weight: 7 oz. (200 grams)
head weight: 4 oz. (120 grams)
head diameter: 25mm



HEATH Mallet heavyweight
E33700-06
7 1/2" (191mm) solid stainless steel
weight: 2 lbs. (900 grams)
head weight: 1 lb. 4 oz. (570 grams)
head diameter: 40mm

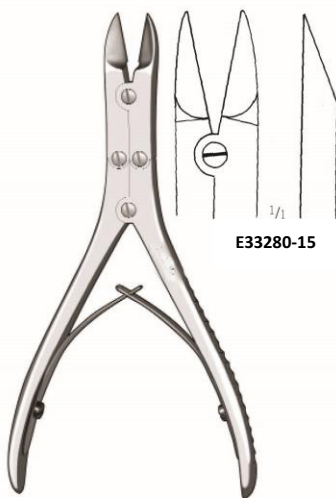
BONE CUTTING INSTRUMENTS



E33274-14

LISTON BONE FORCEPS

straight angled on flat
E33274-14 5 1/2" E33275-14 5 1/2" (140mm)
E33274-17 6 3/4" E33275-17 6 3/4" (171mm)
E33274-19 7 1/2" E33275-19 7 1/2" (191mm)



E33280-15

RUSKIN-LISTON FORCEPS 6" (152mm)

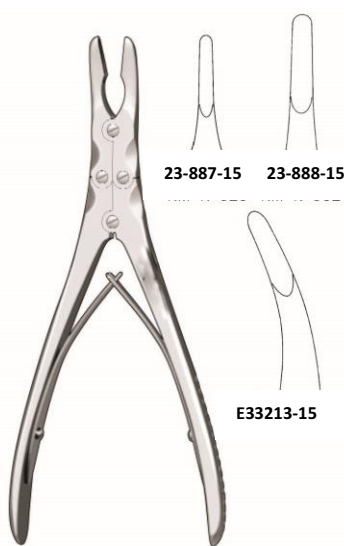
E33280-15 straight
E33280-15 straight delicate
E33281-15 curved delicate



E33286-18

RUSKIN-LISTON FORCEPS 7 1/2" (191mm)

E33286-18 straight
E33286-18 straight delicate
E33289-18 angled on flat



23-887-15 23-888-15

E33213-15

RUSKIN RONGEUR 6" (152mm)

straight
E33211-15 2x14mm bite delicate
E33211-15 3x15mm bite
curved
E33213-15 3x15mm bite

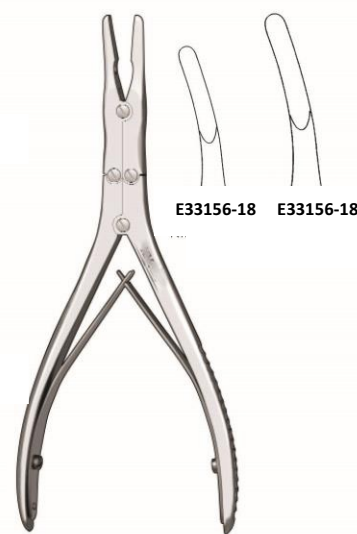


E33217-18

E33217-18

RUSKIN RONGEUR 7 1/4" (184mm)

straight
E33216-18 4x16mm bite
E33216-18 6x16mm bite
curved
E33217-18 4x16mm bite
E33217-18 6x16mm bite

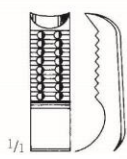


E33156-18 E33156-18

BEYER RONGEUR 7" (178mm)

curved
E33156-18 3x14mm bite
E33156-18 4x15mm bite

ORTHOPEDIC INSTRUMENTS



23-730-14



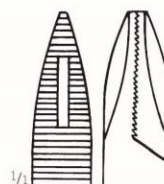
KERN BONE FORCEPS

E33380-15

5 3/4" (146mm)
with ratchet

E33380-21

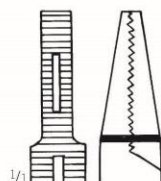
8 1/2" (216mm)
with ratchet



NEEDLE NOSE PLIERS

E34536-14

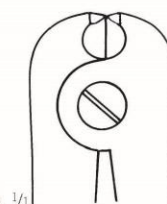
5 1/2" (140mm)
for wire manipulation



FLAT NOSE PLIERS

E34535-16

5 1/2" (140mm)
for wire manipulation



WIRE CUTTER

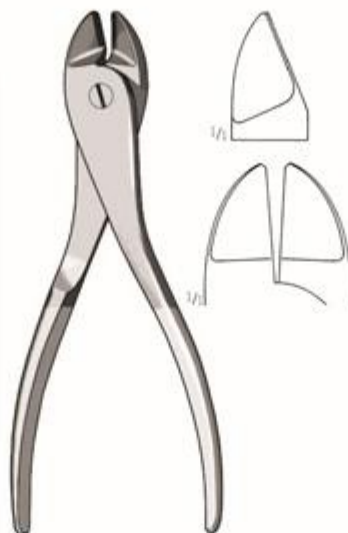
E34548-18TC

7" (178mm) front and side cutting
with carbide inserts, double action
maximum capacity .062" (1.6mm)

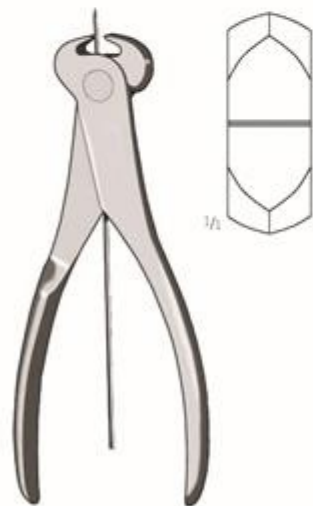
WIRE AND PIN CUTTERS



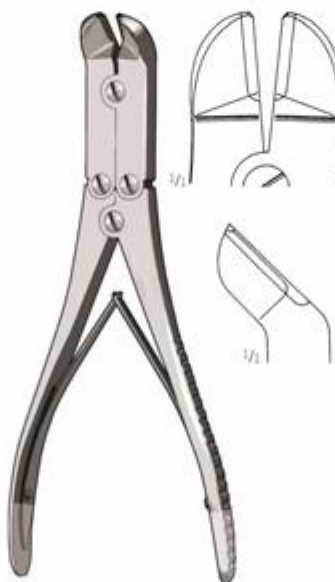
PEDIATRIC WIRE CUTTER
E34549-14TC
4 3/4" (121mm) carbide inserts
cuts up to .028" (0.7mm)



SIDE BITE WIRE CUTTER
E34544-18TC
7" (178mm) welded carbide jaws
cuts up to .062" (1.6mm)



CANNULATED PIN CUTTER
E34545-18TC
7 1/2" (191mm)
cuts up to .062" (1.6mm)

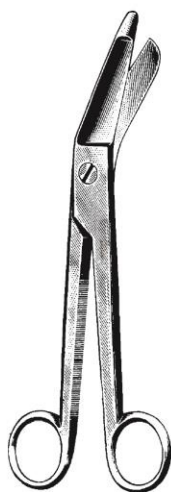


DOUBLE ACTION WIRE CUTTER
E34545-22TC
8 1/2" (216mm) angled
carbide inserts
cuts up to 3/32" (2.4mm)

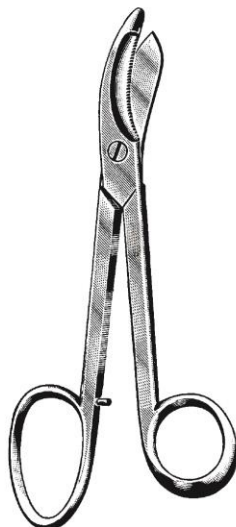


PIN CUTTER (LARGE)
E34559-47
22" (559mm) side cutting
cuts up to 1/4" (6.3mm)

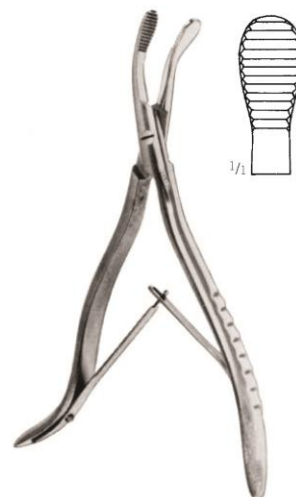
PLASTER CAST INSTRUMENTS



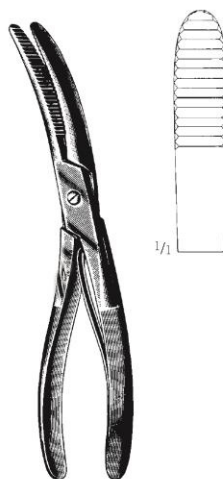
ESMARCH SHEARS
E09913-20
8" (203mm)



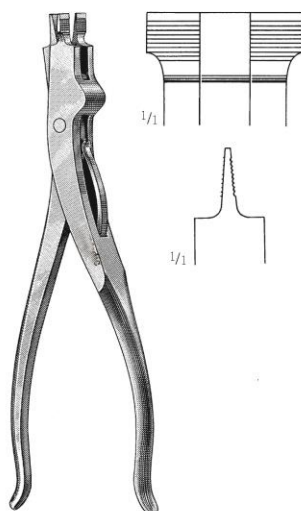
BRUNS SHEARS
E09937-23
9 ¼" (235mm)
one serrated blade



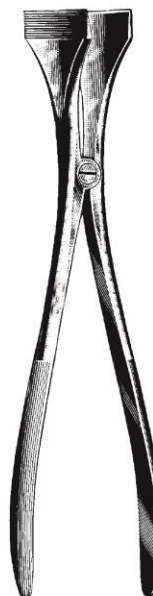
PEDIATRIC CAST BREAKER
E09937-24
7" (178mm)



PLASTER EDGER WOLFF
E31395-18 E31397-24
7" (178mm) 9 ½" (241mm)
small



CAST SPREADER
E31366-23
9" (229mm) serrated
3 prongs



HENNIG PLASTER SPREADER
E31350-28
11" (279mm)

GYNECOLOGICAL AND OBSTETRICAL INSTRUMENTS



PEDERSON SPECULUM

E71120-01 small
E71120-02 medium
E71120-03 large



SLENDER PEDERSON SPECULUM

E71120-00
narrow blades



GRAVES SPECULUM

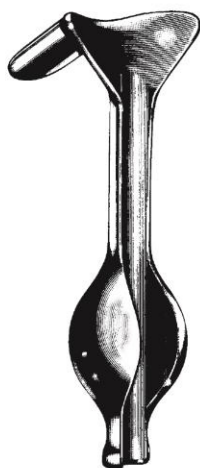
E71110-01 small
E71110-02 medium
E71110-03 large



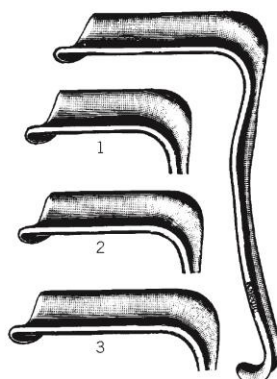
GRAVES OPEN SIDE SPECULUM

E71116-02
medium size
wide angle blades

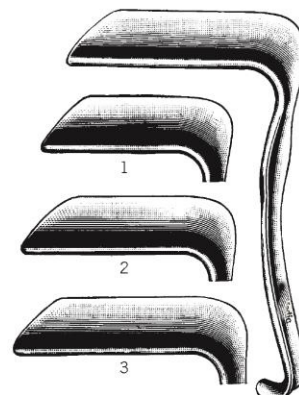
GYNECOLOGICAL AND OBSTETRICAL INSTRUMENTS



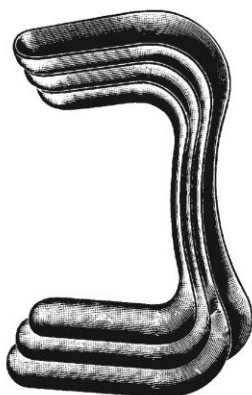
AUVARD VAGINAL SPECULA 9" (229mm)
E71307-00 1 1/2" x 3 1/4", 2 lbs.
 (38mm x 83mm, 900 grams)
E71307-01 1 1/2" x 3 1/4", 2 1/2 lbs.
 (38mm x 83mm, 1,134 grams)
E71307-02 1 1/2" x 3 1/4" 3 lbs.
 (38mm x 83mm, 1,361 grams)
E71307-03 1 3/8" x 4" acute angle, 2 1/2 lbs.
 (35mm x 102mm, 1,134 grams)



EASTMAN VAGINAL RETRACTOR
7" (178mm)
E71211-01 #1 small
E71211-02 #2 medium
E71211-03 #3 large



JACKSON VAGINAL RETRACTOR
7" (178mm)
E71271-01 #1 small
E71271-02 #2 medium
E71271-03 #3 large



SIMS VAGINAL RETRACTOR double ended
E71291-01 #1 small
E71291-02 #2 medium
E71291-03 #3 large



HANK UTERINE DILATORS 11" (279mm)
 double ended



HEGAR UTERINE DILATORS 8" (203mm)
 double ended

E71430-10 size 9 & 10
E71430-12 size 11 & 12
E71430-14 size 13 & 14
E71430-16 size 15 & 16
E71430-18 size 17 & 18
E71430-20 size 19 & 20
E71435-06 set of six in a case

E71420-03 size 3mm & 4mm
E71420-05 size 5mm & 6mm
E71420-07 size 7mm & 8mm
E71420-09 size 9mm & 10mm
E71420-11 size 11mm & 12mm
E71420-13 size 13mm & 14mm
E71420-15 size 15mm & 16mm
E71420-17 size 17mm & 18mm
E71425-08 set of eight in a case

GYNECOLOGICAL AND OBSTETRICAL INSTRUMENTS



E71438-13 size 13 & 15 french
E71438-17 size 17 & 19 french
E71438-21 size 21 & 23 french
E71438-25 size 25 & 27 french
E71438-29 size 29 & 31 french
E71438-33 size 33 & 35 french
E71438-37 size 37 & 39 french
E71438-41 size 41 & 43 french
E71438-00 set of eight in a case
1 french = .33mm

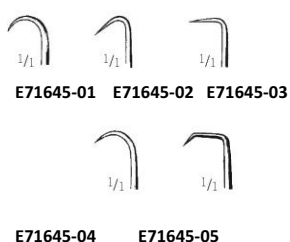
PRATT UTERINE DILATORS
E71438-00
11 1/2" (292mm)
double ended



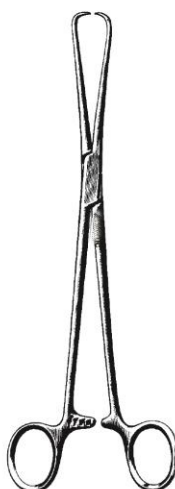
SIMS UTERINE SOUND
E71581-32
13" (330mm) cm scale
malleable silver plated



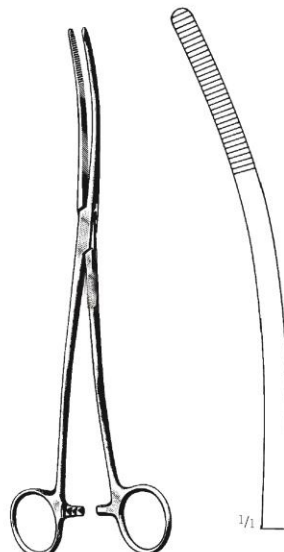
SIMPSON UTERINE SOUND
13" (330mm)
malleable silver plated
E71583-32inch scale
E71583-33cm scale



EMMETT UTERINE TENACULUM HOOK
9" (229mm)
E71645-01 #1 narrow curved
E71645-02 #2 acute angle
E71645-03 #3 right angle
E71645-04 #4 wide curved
E71645-05 #5 double angle



SCHROEDER TENACULUM FORCEPS
E71505-25 E71507-28
9 1/2" (241mm) 9 1/2" (241mm)
S-shape



BOZEMANN UTERINE DRESSING FORCEPS
E717230-26 E717231-26
10 1/4" (260mm) 10 1/4" (260mm)
straight curved

GYNECOLOGICAL AND OBSTETRICAL INSTRUMENTS

E71621-01-25



TISCHLER BIOPSY PUNCH

E71621-01-25

9" (229mm)

3 x 7mm bite

E71626-00



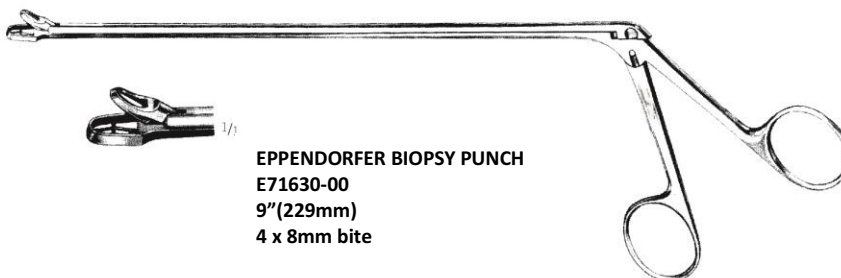
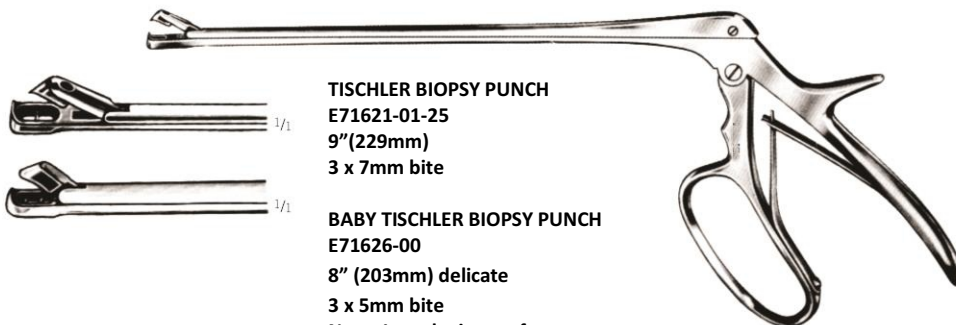
BABY TISCHLER BIOPSY PUNCH

E71626-00

8" (203mm) delicate

3 x 5mm bite

Note: Length given refers
to working length.



EPPENDORFER BIOPSY PUNCH

E71630-00

9" (229mm)

4 x 8mm bite

E71618-23



WITTNER BIOPSY PUNCH

E71618-23

9" (229mm)

straight

3 x 8mm bite

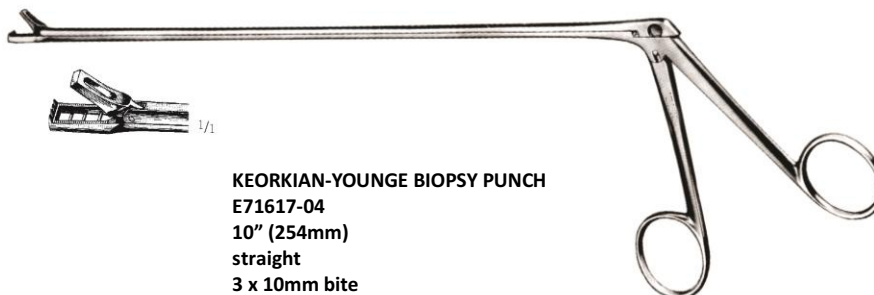
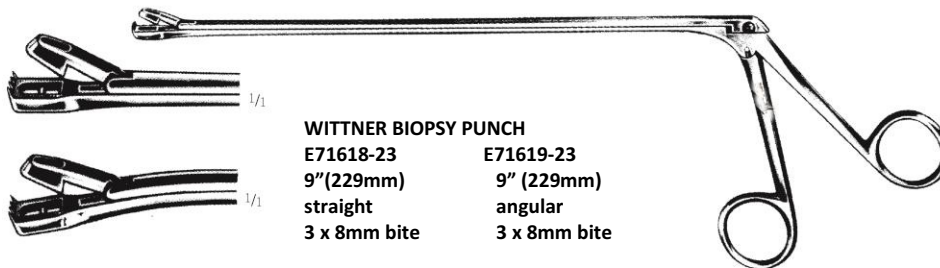
E71619-23

9" (229mm)

angular

3 x 8mm bite

E71619-23



KEORKIAN-YOUNGE BIOPSY PUNCH

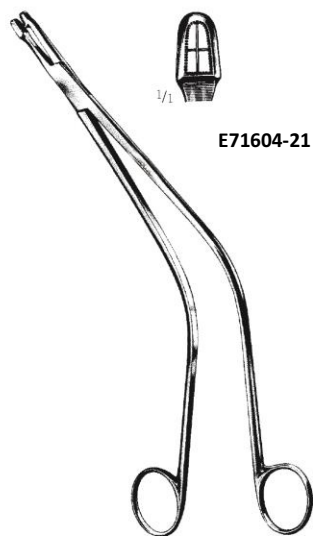
E71617-04

10" (254mm)

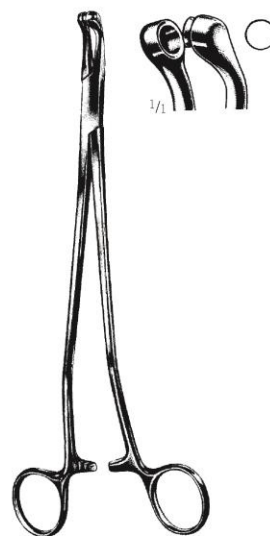
straight

3 x 10mm bite

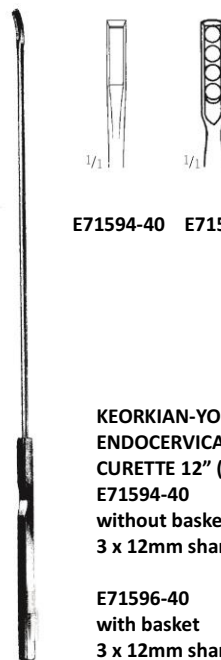
GYNECOLOGICAL AND OBSTETRICAL INSTRUMENTS



SCHUBERT BIOPSY PUNCH
E71604-21 E71605-26
8 ½" (216mm) 10 ½" (267mm)
straight angular
4 x 8mm bite 4 x 8mm bite



THOMS-GAYLOR BIOPSY PUNCH
E71606-24
9 ½" (241mm) interfitted jaw
5mm cup

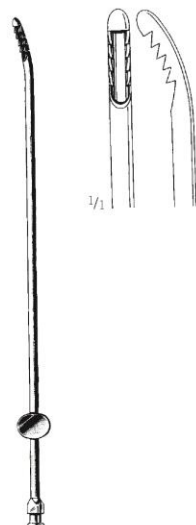


**KEORKIAN-YOUNGE
ENDOCERVICAL BIOPSY
CURETTE 12" (305mm)**
E71594-40
without basket
3 x 12mm sharp tip

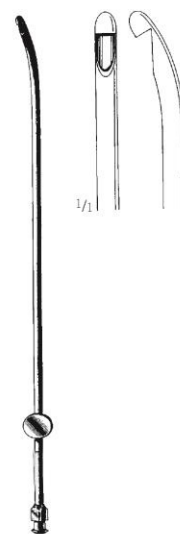
E71596-40
with basket
3 x 12mm sharp tip



HEANEY UTERINE BIOPSY CURETTE
E71593-00
9" (229mm)
serrated

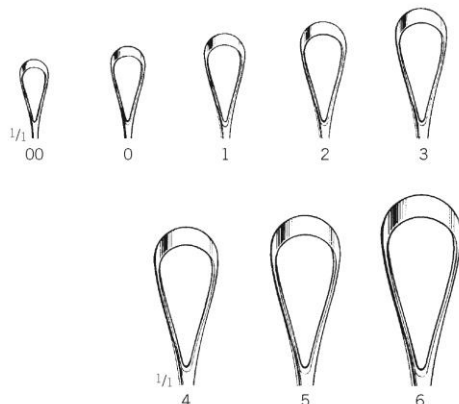


NOVAK SUCTION BIOPSY CURETTE
E71592-02 E71592-04
9 ½" (241mm) 9 ½" (241mm)
2mm diameter 4mm diameter



RANDALL SUCTION BIOPSY CURETTE
E71590-04
9 ¾" (248mm)
4mm diameter

GYNECOLOGICAL AND OBSTETRICAL INSTRUMENTS



E71712-05 #00
E71712-06 #0
E71712-07 #1
E71712-08 #2
E71712-09 #3
E71712-11 #4
E71712-12 #5
E71712-14 #6

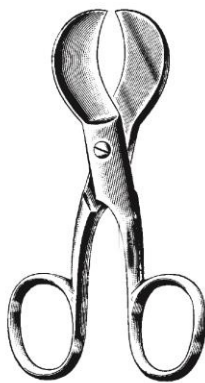


KOGAN ENDOCERVICAL SPECULUM
E71360-24
9 1/2" (241mm) with gauge and
set screw 7 x 25mm jaws

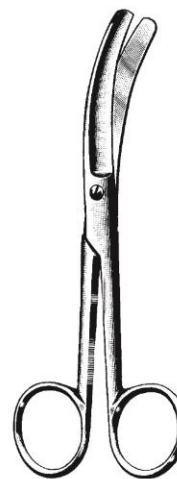
SIMS UTERINE CURETTE 11" (279mm) malleable sharp



BRAUN EPISIOTOMY SCISSORS
E09560-14 5 1/2" (140mm)
angled sideways



UMBILICAL SCISSORS
E09550-10 4 1/4" (108mm)



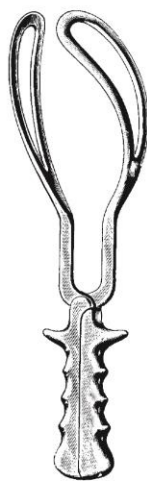
BUSCH UMBILICAL SCISSORS
E09551-16 6 1/2" (165mm)
curved sideways

GYNECOLOGICAL AND OBSTETRICAL INSTRUMENTS



DE LEE OBSTETRICAL FORCEPS
fenestrated blades

E73107-30	E73108-36
12" (305mm)	14" (356mm)
short model	long model



SIMPSON OBSTETRICAL FORCEPS
fenestrated blades

E73102-30	E73105-36
12" (305mm)	14" (356mm)
short model	long model



ELLIOT OBSTETRICAL FORCEPS fenestrated blades

E73115-32	E73115-38
12 ½" (317mm)	15" (381mm)
short model	long model



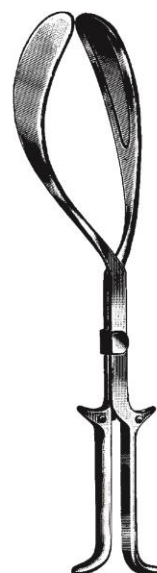
MCLEAN OBSTETRICAL FORCEPS
E73145-36

14" (356mm) solid blades, short shanks



SIMPSON-LUIKART
OBSTETRICAL FORCEPS
E73135-36

14" (356mm) solid blades



KIELLAND-LUIKART
OBSTETRICAL FORCEPS
E73127-40

15 ½" (394mm) solid blades

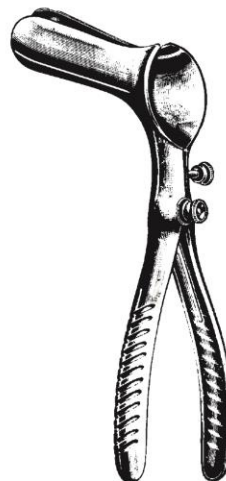
RECTAL INSTRUMENTS



BODENHAMMER RECTAL SPECULUM
E69115-15
6" (152mm) long with set screw
3 1/2" x 3/4" (89mm x 19mm)
solid blades



SIMS RECTAL SPECULUM
E69110-15
6" (152mm) long with set screw
3 1/2" x 5/8" (89mm x 16mm)
fenestrated blades



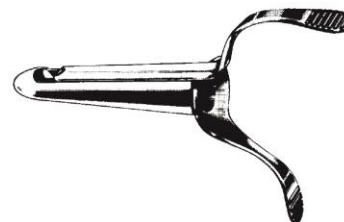
PRATT RECTAL SPECULUM
E69121-00
8 1/2" (216mm) long with set screw
3 1/2" x 1" (89mm x 25mm)
solid blades



FANSLER-IVES RECTAL SPECULUM
E69210-22
chrome with obturator obturator only
3 1/4" long x 1 1/8"
(82mm x 29mm)
outside diameter

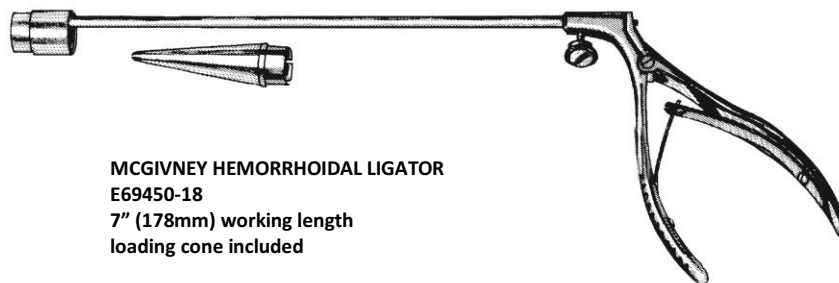


HIRSCHMAN RECTAL ANOSCOPE
E69212-16 small, 2 1/4" (57mm) long x
9/16" (14mm) inside diameter
E69212-19 medium, 2 5/8" (67mm) long x
11/16" (18mm) inside diameter
E69212-22 large, 3 1/2" (89mm) long x
7/8" (22mm) inside diameter

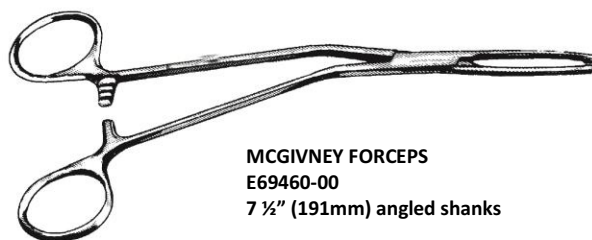


BRINKERHOFF RECTAL SPECULUM
E30644-01 small, 3 1/2" (89mm) long x
1" (25mm) tapers to 1/2" (13mm)
E 30644-02 medium, 4" (102mm) long x
1" (25mm) tapers to 5/8" (16mm)
E 30644-03 large, 4 3/4" (121mm) long x
1 1/4" (32mm) tapers to 3/4"
(19mm)

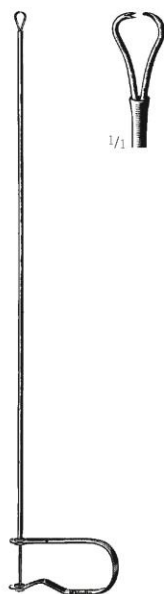
RECTAL AND UROLOGICAL INSTRUMENTS



MCGIVNEY HEMORRHOIDAL LIGATOR
E69450-18
7" (178mm) working length
loading cone included



MCGIVNEY FORCEPS
E69460-00
7 1/2" (191mm) angled shanks



COTTON CARRIER
E32866-28
15" (381mm) shaft
2x3 teeth, spring handle



E67206 -08 8 french
E67206 -10 10 french
E67206 -12 12 french
E67206 -14 14 french
E67206 -16 16 french
E67206 -18 18 french
E67206 -20 20 french
E67206 -22 22 french
E67206 -24 24 french
E67206 -26 26 french
E67206 -28 28 french
E67206 -30 30 french
E67206 -32 32 french
E67206 -34 34 french
1 french = .33mm

DITTEL URETHRAL SOUNDS

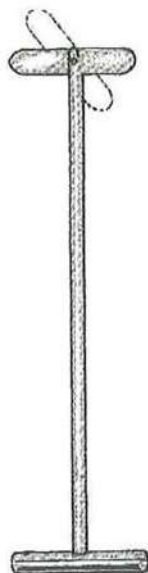


E67201-08 8 french
E67201-10 10 french
E67201-12 12 french
E67201-14 14 french
E67201-16 16 french
E67201-18 18 french
E67201-20 20 french
E67201-22 22 french
E67201-24 24 french
E67201-26 26 french
E67201-28 28 french
E67201-30 30 french
E67201-32 32 french
E67201-34 34 french
E67201-00 set of 12 in a case
(sizes 8-30)
1 french = .33mm

VAN BUREN URETHRAL SOUNDS
11" (279mm) curved



BUNT FORCEPS HOLDER
E29150-12 4.8" (12.0cm)



WEISENBACH FORCEPS HOLDER
E39-67 6" (15.2cm)
E39-674 12" (30.5cm)



INSTRUMENT CLEANING BRUSH
7" (17.8cm)
E39-682 wire set of three
E39-684 nylon set of three

VG-100 General Surgery Kit

Kit includes:

Qty.	Reference	Description
1	09160-17	Mayo Dissectng Scissors Straight 6 3/4"
1	07103-00	Knife Handle No 3
1	19202-20	Snook Ovariectomy Hook Blunt 8" Concave
3	13221-12	Halsted Mosquito Forceps 4 3/4" Curved
2	13240-14	Kelly Hemostatc Forceps 5 1/2" Straight
1	09281-18	Metzenbaum Dissectng Scissors 7" Standard Curved
1	11188-12	Adson Brown Side Grasping Forceps 7x7 Teeth, 4 3/4"
4	13341-16	Rochester Carmalt Forceps Curved 6 1/4"
4	15111-13	Backhaus Towel Clamp 5 1/2"
1	25410-14	Olsen Hegar Needle Holder Scissors Combinaton 5 1/2" Serrated - TC
1	89100-20	Vet General Surgical Cassete, 15" x 8 1/4" x 1 1/4"
20		



Canine / Feline - Spay Kit

VG-101 Or VG-102

Kit includes 1 each of:

Qty.	Reference	Description
1	07103-00	Knife Handle No 3
1	09160-17	Mayo Dissectng Scissors Straight 6 3/4"
1	19202-20	Snook Ovariectomy Hook Blunt 8" Concave
2	13241-14	Kelly Hemostatic Forceps 5 1/2" Curved
1	09281-18	Metzenbaum Dissectng Scissors 7" Standard Curved
1	11120-14	Thumb Tissue Forceps 1x2 Teeth, 5 1/2"
1	65110-15	Allis Tissue Forceps 4x5 Teeth, 6"
4	15111-09	Backhaus Towel Clamp 3 1/2"
1	11188-12	Adson Brown Side Grasping Forceps 7x7 Teeth, 4 3/4"
1	25410-17	Olsen Hegar Needle Holder Scissors Combinaton 6 1/2" Serrated - Tungsten Carbide
OR		
1	25410-14	Olsen Hegar Needle Holder Scissors Combinaton 5 1/2" Serrated - Tungsten Carbide
2	13221-12	Halsted Mosquito Forceps 4 3/4" Curved
2	13341-16	Rochester Carmalt Forceps Curved 6 1/4"
1	89259-20	Vet General Surgical Cassete, 15" x 8 1/4" x 11/4"

19 * The canine kit includes an 8-16TC; feline kit includes an 8-15TC

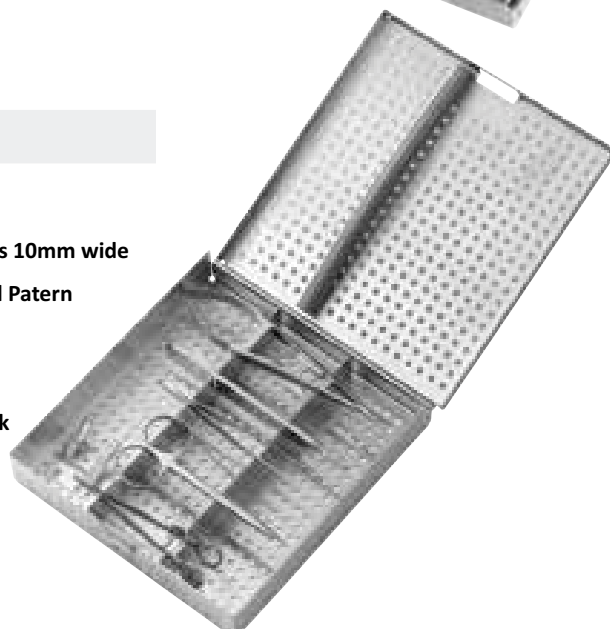


Basic Veterinary Eye Kit

VG-103

Kit includes:

Qty.	Reference	Description
1	07103-00	Knife Handle No 3
1	43101-03	BARRAQUER EYE SPECULUM 1 3/4" (44mm) small blades 10mm wide
1	43811-10	Eye Dressing Forceps 4" Serrated Straight Tips Standard Pattern
1	09362-11	StEens Tenotomy Scissors Straight 4 1/4" Blunt Tips
1	44256-09	Desmarres Chalazion Forceps 20mm Diameter 3 1/2"
1	25670-14	Castroviejo Needle Holder 5 1/4" Straight Jaw with Lock
1	9259-06	Veterinary Eye Cassete, 6 3/32" x 6 11/16" x 11/8"
7		



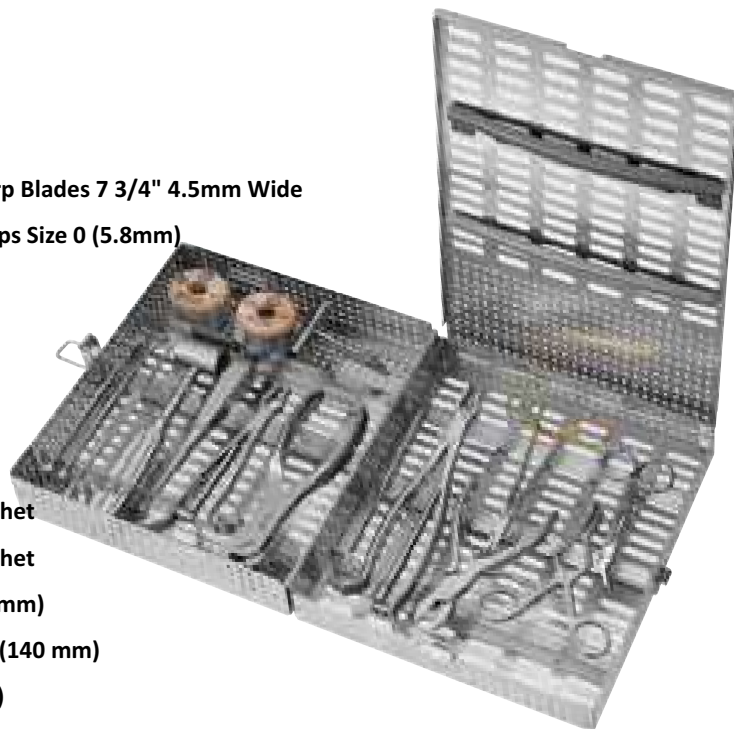
Orthopedic Kit

VG-104

Kit Includes:

Qty.	Reference	Description
1	09850-10	Wire Cutting Scissors 4" Straight
1	19160-17	Senn Miller Retractor 3 Prongs Sharp 6 1/4"
1	19161-17	Senn Miller Retractor 3 Prongs Blunt 6 1/4"
1	19650-10	Weitlaner Retractor Sharp 4", 2x3 Teeth
1	33475-00	Freer Elevator Double Ended With Blunt Sharp Blades 7 3/4" 4.5mm Wide
1	33474-96	Sprat (brun) Mastoid Curette 6 1/2" Oval Cups Size 0 (5.8mm)
1	47520-21	Lucas Mallet 7 3/4"
1	34554-15	Fomon Rasp Fine and Coarse Teeth 8 1/4"
1	41093-00	Wire Twister Tungsten Carbide Jaws, 6"
1	41094-00	Gigli Bone Saw Wire Turnable
1	G46-112	Gigli Saw 30" Standard Twisted Wire Type
1	33380-17	Kern Bone Holding Forceps 6 1/2" with Ratchet
1	33380-25	Kern Bone Holding Forceps 9 1/2" with Ratchet
1	34540-19	Cannulated Pin Cutter 7 1/2" Max .062" (1.6mm)
1	33274-14	Liston Bone Cutting Forceps, Straight, 5 1/2" (140 mm)
1	33654-15	Swiss Pattern Osteotomes 5" - 9/16" (14mm)
1	89101-20	Vet Orthopedic Storage Cassette, 10 3/4" (270 mm) x 8 1/4" (210 mm) x 2 3/4" (70 mm)

17



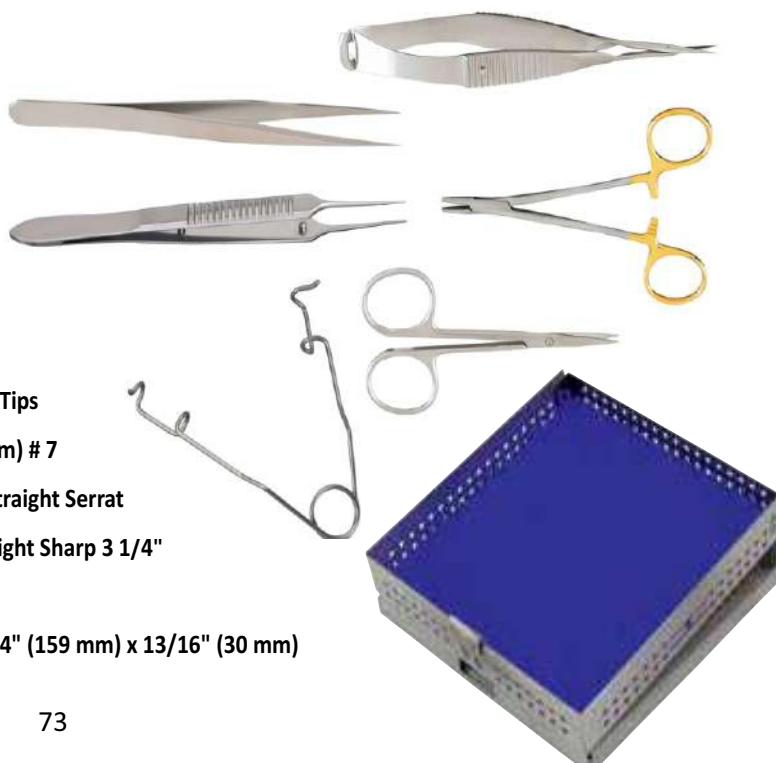
Microsurgical Instrument Kit

VG-105

Kit Includes:

Qty.	Reference	Description
1	25110-12	DERF NEEDLE HOLDER 4 3/4"
1	09340-09	Iris Scissors 3 1/2" Straight with Sharp Tips
1	11407-07	SWISS JEWELERS FORCEPS 4 3/4" (121mm) # 7
1	RD-1684	Mcpherson Micro Iris Forceps 3 1/2" Straight Serrat
1	10140-08	Mcpherson Vannas Micro Scissors Straight Sharp 3 1/4"
1	43141-12	Plain Wire Eye Speculum
1	89259-06	Storage Cassette, 6 1/2" (165 mm) x 6 1/4" (159 mm) x 13/16" (30 mm)

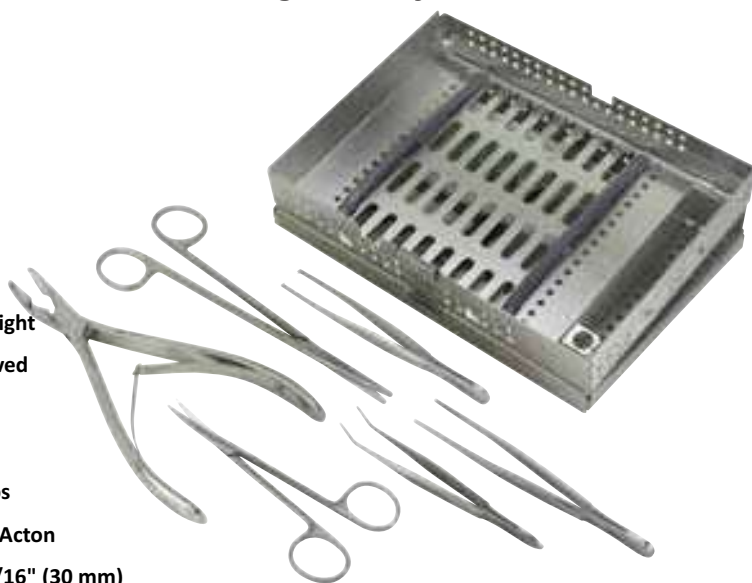
7



**Lab Animal Kit
VG-106**

Kit includes:

Qty.	Reference	Description
1	09280-18	Metzenbaum Dissectng Scissors 7" Standard Straight
1	09281-12	Metzenbaum Dissectng Scissors 5" Standard Curved
1	11120-13	TISSUE FORCEPS 1x2 teeth 5"
1	11102-13	DRESSING FORCEPS serrated 5"
1	11912-01	Nugent Utlity Forceps 4 1/4" Angular Smooth Tips
1	33115-15	Blumenthal Rongeur 6", 30 Degree, 3mm, Single Acton
1	89259-08	Storage Cassete 8" (203 mm) x 6" (152 mm) x 13/16" (30 mm)
7		



Eye kit

Reference	Description
44258-09	Desmarres Chalazion Forceps size 3
43101-04	Barraquer Wire Speculum Large
09360-11	StEens Tenotomy std blades blunt tip str
25670-14	Castroviejo Needle Holder Curved With Lock
07103-00	Scalpal Handle # 3
43813-10	Eye Dressing Forceps 4" Serrated Straight Tips Standard Pattern

