





01-023-10
 25,5 cm / 10"
 1/2
 Autopsy Knife, heavy pattern
 with wooden handle



01-025-15
 27,5 cm / 11"
 1/2
 ditto, with metal handle and
 long, bellied blade



1/2
 Cartilage Knife, with dissector
 01-031-05



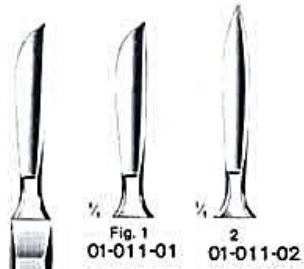
1/2
 ditto, with hollow handle
 01-032-05



1/2
 Virchow
 ditto, with wooden handle
 01-033-08

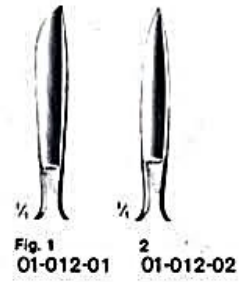


1/2
 Virchow
 ditto, with metal handle, hollow
 01-034-08



with wooden handle

01-011-01 - 01-011-02
 Fig. 1-2



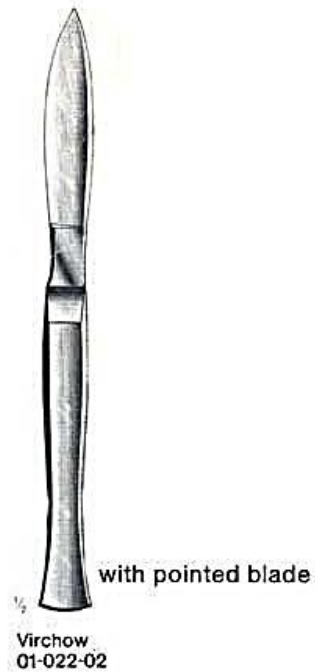
all steel

01-012-01 - 01-012-02
 Fig. 1-2



with bellied blade

Virchow
 01-022-01



with pointed blade

Virchow
 01-022-02

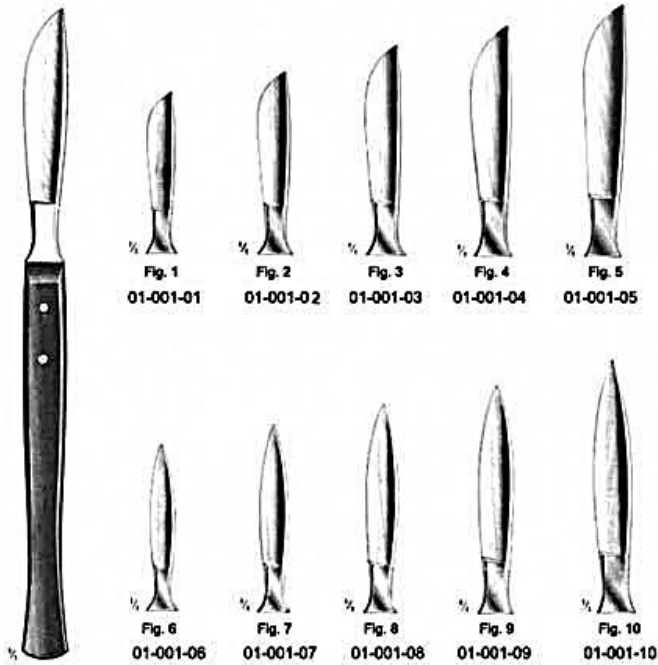


Fig. 1 - 10
 With Wooden handle

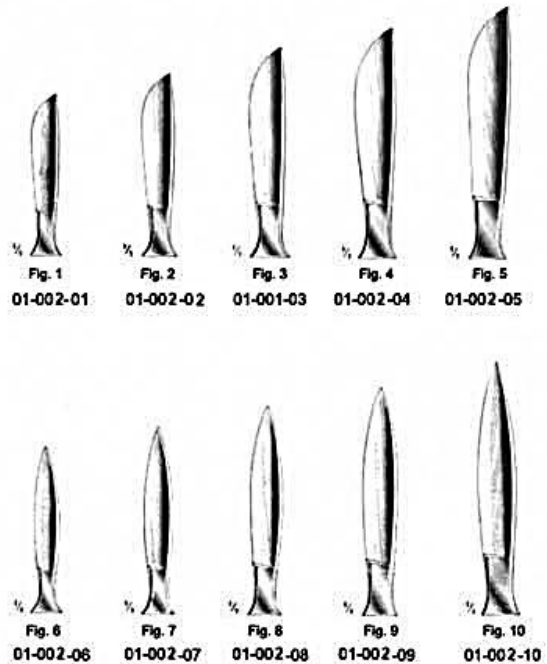
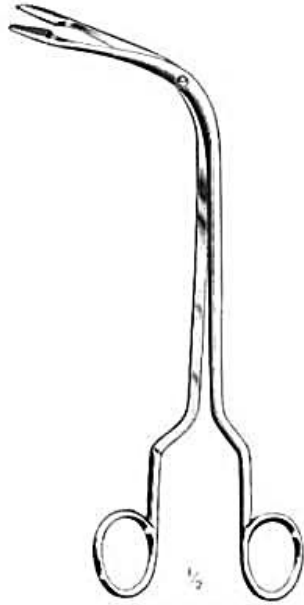


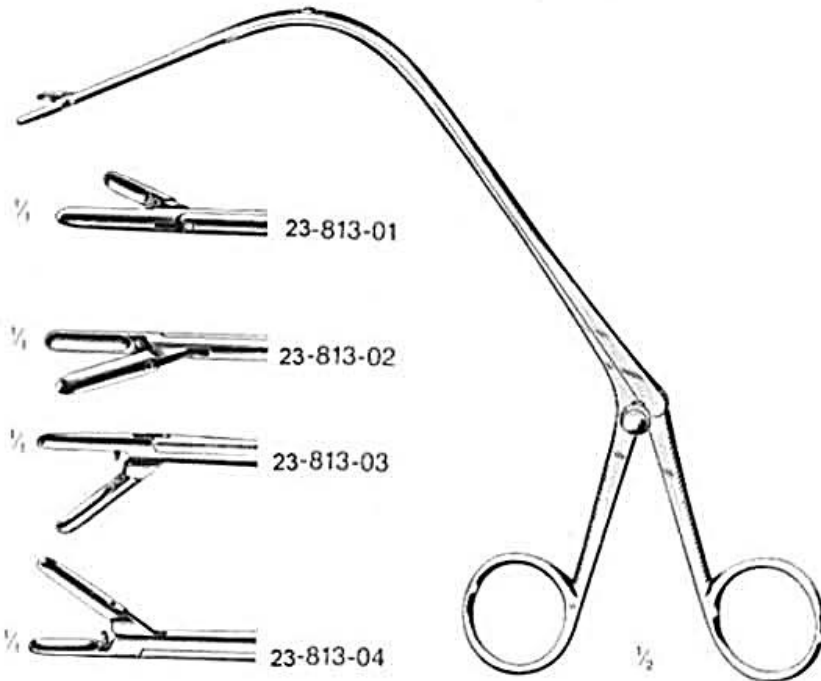
Fig. 1 - 10
 ALL METAL



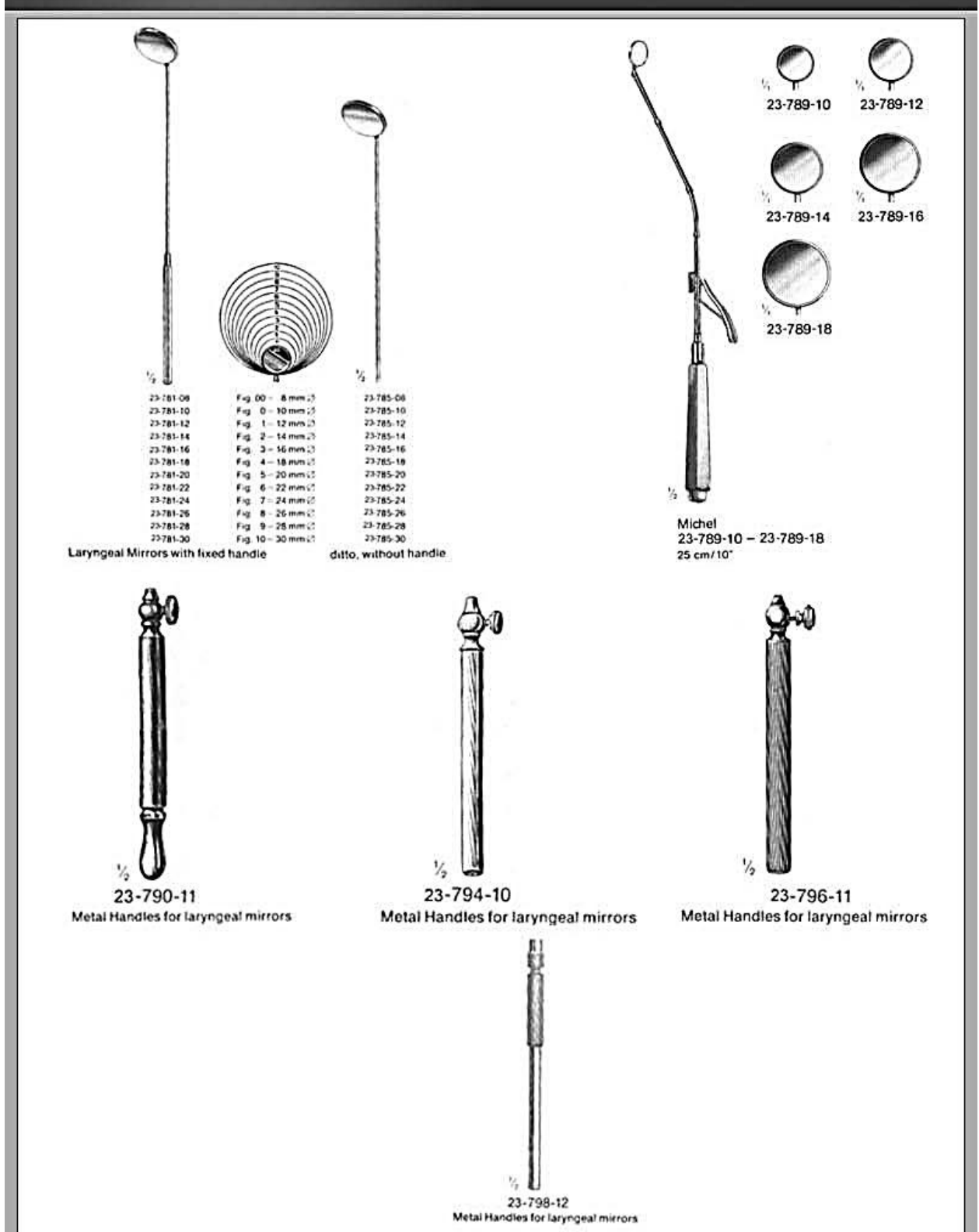
Fraenkel
 23-801-18
 18 cm / 7"
 Laryngeal Polypus Forceps



Fraenkel
 23-805-19
 19 cm / 7 1/2"
 Laryngeal Polypus Forceps



Jurasz
 23-813-01
 23 cm / 9"
 Laryngeal Polypus Forceps

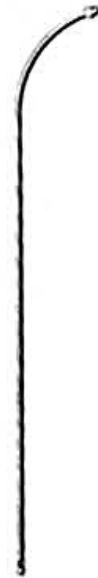




Chevalier Jackson
 23-714-40 = 40 cm/16"
 23-714-60 = 60 cm/24"
 Bronchoscopic Sponge Holders



Chevalier Jackson
 23-721-20
 20 cm/8"
 Laryngeal Suction Tube



Chevalier Jackson
 23-723-35 = 35 cm/14"
 23-723-45 = 45 cm/18"
 23-723-50 = 50 cm/20"
 23-723-60 = 60 cm/24"
 Bronchial Aspirating Tubes



Jackson-Bruenings
 23-731-01
 Suction Pump



Chevalier Jackson
 23-735-01 = for adults
Bite Blocks of Aluminium
 23-735-02 = for children



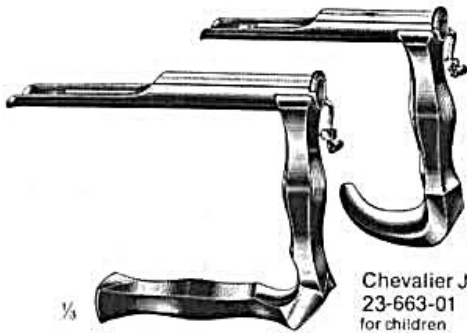
23-695-01

Light Carrier for 23-661-01 – 23-678-05,
without lamp



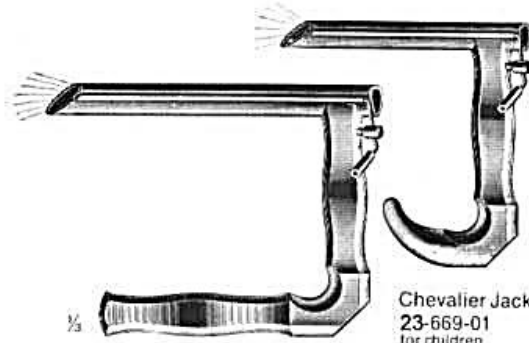
23-697-01

ditto, for 23-682-01 – 23-688-05,
without lamp



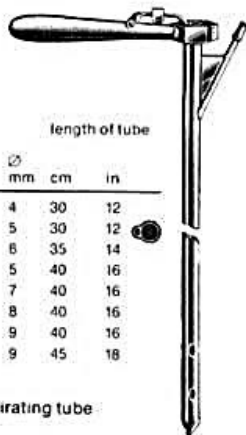
$\frac{1}{2}$ Chevalier Jackson
23-663-01
for children

Chevalier Jackson
23-661-01 Laryngoscopes (without aspirating tube), round, with 2 light carriers and 2 lamps for adults



$\frac{1}{2}$ Chevalier Jackson
23-669-01
for children

Chevalier Jackson
23-667-01 ditto, for anterior commissure for adults
Bronchoscopes, with 2 light carriers and 2 lamps

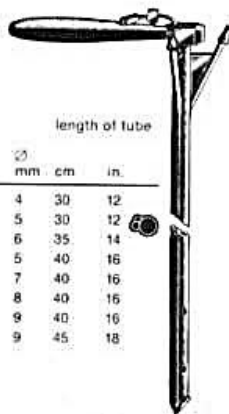


length of tube

	Ø		
	mm	cm	in.
23-670-01	4	30	12
23-670-02	5	30	12
23-670-03	6	35	14
23-670-04	5	40	16
23-670-05	7	40	16
23-670-06	8	40	16
23-670-07	9	40	16
23-670-08	9	45	18

with aspirating tube

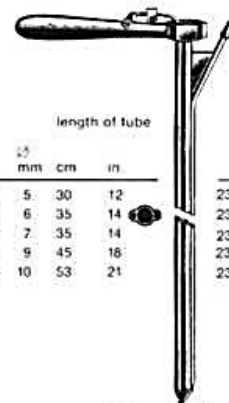
Chevalier Jackson



length of tube

	Ø		
	mm	cm	in.
23-672-01	4	30	12
23-672-02	5	30	12
23-672-03	6	35	14
23-672-04	5	40	16
23-672-05	7	40	16
23-672-06	8	40	16
23-672-07	9	40	16
23-672-08	9	45	18

Chevalier Jackson
with aspirating tube

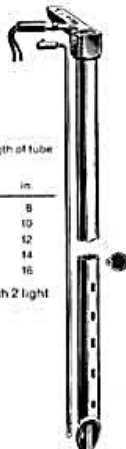


length of tube

	Ø		
	mm	cm	in.
23-676-01	5	30	12
23-676-02	6	35	14
23-676-03	7	35	14
23-676-04	9	45	18
23-676-05	10	53	21

Chevalier Jackson
without aspirating tube
with aspirating tube

23-678-01
23-678-02
23-678-03
23-678-04
23-678-05

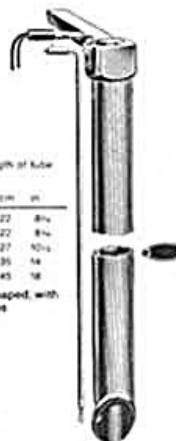


length of tube

	Ø		
	mm	cm	in.
23-682-01	6.5	20	8
23-682-02	7	25	10
23-682-03	7	30	12
23-682-04	8	35	14
23-682-05	9	40	16

Bronchoscopes, round, with 2 light carriers and 2 lamps

Roberts

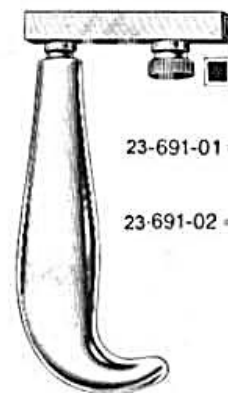


length of tube

	Ø		
	mm	cm	in.
23-686-01	9	13	2 1/4
23-686-02	10	14	2 1/2
23-686-03	12	16	2 7/8
23-686-04	12	18	3 1/4
23-686-05	13	18	4 1/8

Esophagoscopes, oval-shaped, with 2 light carriers and 2 lamps

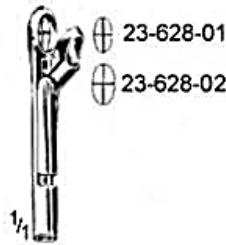
Roberts



23-691-01 = long

23-691-02 = short

Bruenings
Handles for 23-682-01 - 23-688-05



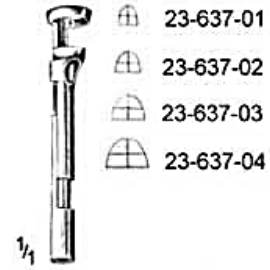
Krause

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Krause
23-632-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Cordes

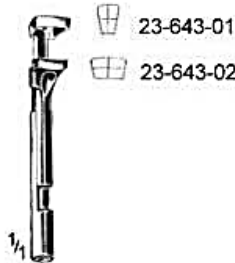
Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01

with deawing cut



Schumacher
23-639-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Cordes

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Cordes
23-647-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Rosenberg
23-657-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Fraekel
23-600-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Baracani
23-602-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Seiffert
23-604-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Fraekel
23-608-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Scheinmann
23-611-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Scheinmann
23-613-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Bruenings

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01

- 23-616-02
- 23-616-03



Bruenings

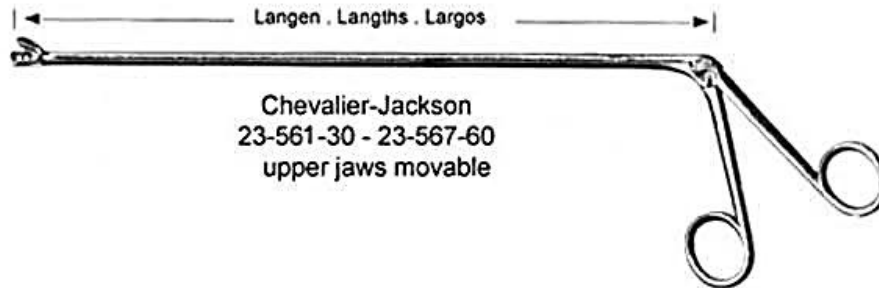
Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01

- 23-618-02
- 23-618-03



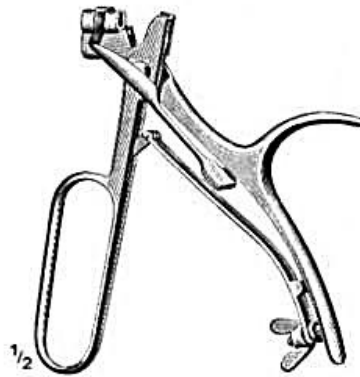
Lange
23-624-01

Cutting and Grasping Forceps Tips, for bronchial, laryngeal and esophageal work etc., to be screwed-on, only upper jaws movable, for use with tubes and stilettes 23-584-20 23-589-20 and universal handles 23-581-01 resp.23-583-01



Chevalier-Jackson
23-561-30 - 23-567-60
upper jaws movable

Length cm	in							
30	12	23-561-30	23-562-30	23-563-30	23-564-30	23-565-30	23-566-30	23-567-30
40	16	23-561-40	23-562-40	23-563-40	23-564-40	23-565-40	23-566-40	23-567-40
50	20	23-561-50	23-562-50	23-563-50	23-564-50	23-565-50	23-566-50	23-567-50
60	24	23-561-60	23-562-60	23-563-60	23-564-60	23-565-60	23-566-60	23-567-60



Huber
23-581-01
Universal Detachable Handles, for
use with interchangeable tips and
tubes

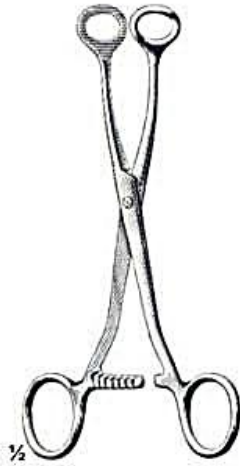


23-584-20 - 23-584-60

straight	lengths		angular
	cm	in	
23-584-20	20	8	23-585-20
23-584-30	30	12	23-585-30
23-584-40	40	16	23-585-40
23-584-50	50	20	23-585-50
23-584-60	60	24	23-585-60

Bruenings
23-587-20
20 cm/8"

Laryngeal Tube for above mentioned
handle



Collin
22-450-16
16 cm / 6 1/4"



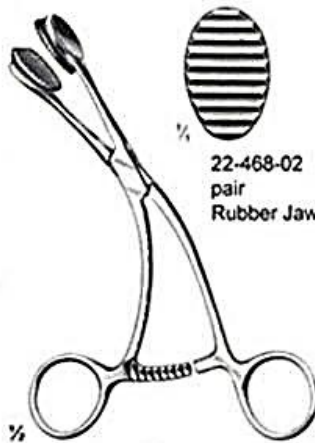
Collin
22-452-17 = 17 cm / 6 3/4"
22-452-19 = 19 cm / 7 1/2"



Guy
22-458-19
19 cm / 7 1/2"



Mathieu
22-462-19
19 cm / 7 1/2"



22-468-02
pair
Rubber Jaws only

Young
22-467-17
17 cm / 6 3/4"
Tongue Holding Forceps, with
interchangeable toothed rubber
jaws



22-373-14
 14,5 cm / 5¾"



Doyen
 22-375-13 = 13 cm / 5"
 22-375-16 = 16 cm / 6¼"



Kroenig
 22-379-15
 15 cm / 6"



Bruenings
 22-385-19
 19 cm / 7½"



Collin
 22-393-16
 16,5 cm / 6½"



Frenzel
 22-397-16
 16,5 cm / 6½"



Le mee
 22-401-20



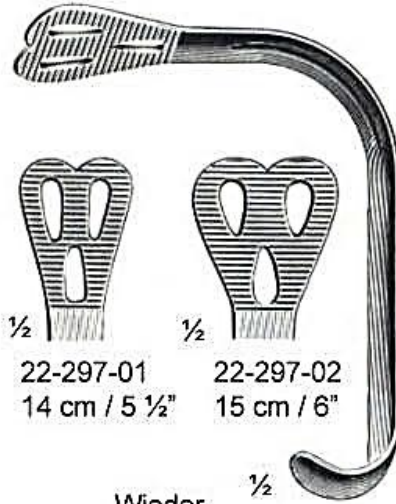
Hartmann
 22-424-01
 for children/women



Hartmann
 22-424-02
 regular size



½
Andrew
22-293-11
11 cm / 4½"
Tongue Depressors



½ ½
22-297-01 22-297-02
14 cm / 5½" 15 cm / 6"

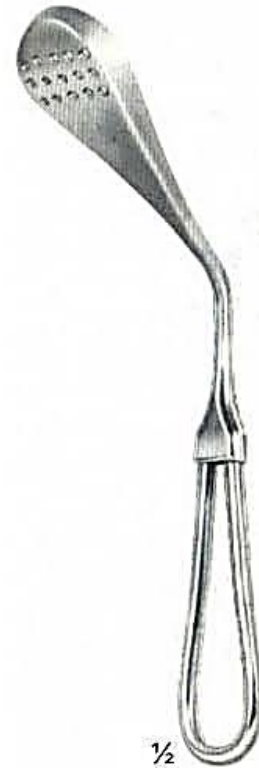
Wieder
Tongue Depressors



½
Tobold
22-305-02
12 cm / 4¾"
folding type
Tongue Depressors



½
22-371-14
14,5 cm / 5¾"



½
Tapia
22-330-19
19 cm / 7½"



Sternberg

Lip Retractors	cm
22-247-14	12
22-247-16	14
22-247-18	16



Sternberg

Lip Retractors	cm	in.
22-249-12	4 3/4	4 3/4
22-249-14	5 1/2	5 1/2
22-249-16	6 1/4	6 1/4
	7	7



1/2

Bishop
22-261-13
13 cm / 5"
Combined Cheek and Lip
Retractor



1/2

Mortiz-Schmidt
22-265-19
19 cm / 7 1/2"
hollow



1/2

Hartmann
22-271-15
15 cm / 6"
Tongue Depressors



1/2

Tobold
22-277-14
14.5 cm / 5 1/2"
Tongue Depressors
solid



Bosworth
22-285-14

1/2

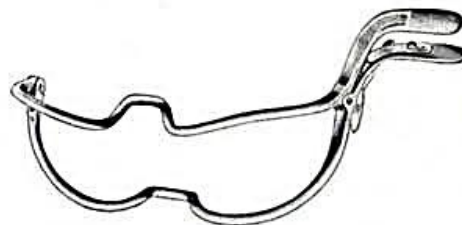
Tobold
22-281-14
14.5 cm / 5 1/2"
Tongue Depressors
hollow



Whitehead
22-231-11 = 11 cm / 4¼"
22-231-13 = 13 cm / 5"
22-231-15 = 15 cm / 6"
with one lateral handle, without
tongue depressor



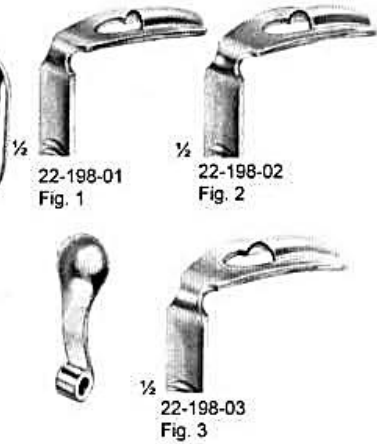
Whitehead
22-233-13 = 13 cm / 5"
ditto, with tongue depressor



Jennings
22-237-09 = 9 cm / 3½"
22-237-11 = 11 cm / 4½"
22-237-13 = 13 cm / 5"
22-237-15 = 15 cm / 6"
ditto, with tongue depressor,
with Loktite ratchet



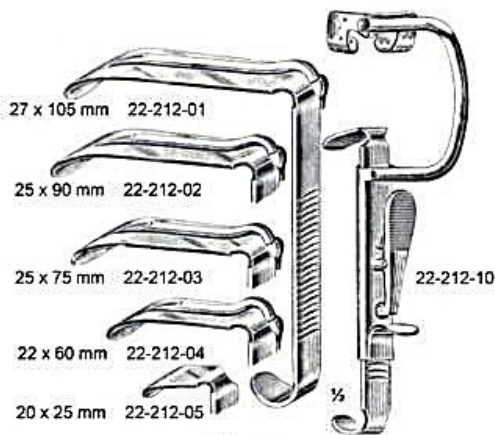
Kilner-Doughty
22-198-00
22-198-10



22-198-01 - Tongue Depressor Fig. 1, only
22-198-02 - ditto, Fig. 2, only
22-198-03 - ditto, Fig. 3, only
22-198-10 - Gag only



Negus
22-202-00 complete with frame (handle) and 3 interchangeable tongue depressors with 2 anaesthetic tubes
22-202-01 - 22-202-03 Tongue Depressors only
22-202-10 Frame (Handle) only



Davis-Boyle
22-212-00 complete with Frame (handle) and 5 interchangeable tongue depressors, 38-212-01 - 04 with 1 anaesthetic tube each
22-212-01 - 22-212-05 Tongue Depressors only
22-212-10 Fra (Handle) only



McIvor
22-222-00 complete with frame (handle) and 3 interchangeable tongue depressors, without anaesthetic tube
22-222-01 - 22-222-03 Tongue Depressors only
22-222-10 Frame (Handle) only



½
Heister
 22-140-13
 13 cm / 5"



½
Doyen-Collin
 22-155-13
 13 cm / 5"
 with soft metal lining



½
Molt
 22-161-11
 11 cm / 4½"
 with Loktite ratchets



½
Molt
 22-161-14
 14 cm / 5½"
 with Loktite ratchets



½
Denhart
 22-171-12
 12 cm / 4¾"
 with Loktite ratchets



Roser-koing
 22-179-12 = 16 cm / 6¼"
 22-179-19 = 19 cm / 4½"
 with Loktite ratchets



$\frac{1}{2}$
Adams
 22-103-01
 Napkin Holders



$\frac{1}{2}$
Langenbeck
 22-111-01 22-111-02 22-111-03
 Finger Protectors



$\frac{1}{3}$
Mauser
 22-120-10
 Oral Screw, of wood



$\frac{1}{2}$
Mauser
 22-120-11
 ditto, of hard rubber



$\frac{1}{2}$
Baisch
 22-121-01
 Mouth Gag and Jaw Prop



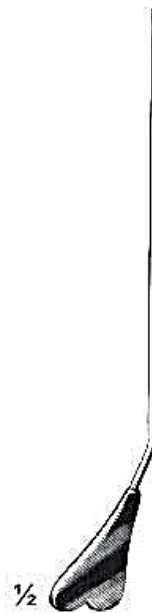
$\frac{2}{3}$
Pitha
 sterilizable in hot air
 22-125-10 - Oral wedge of silicone rubber
 22-125-11 - Spare Rubber wedge



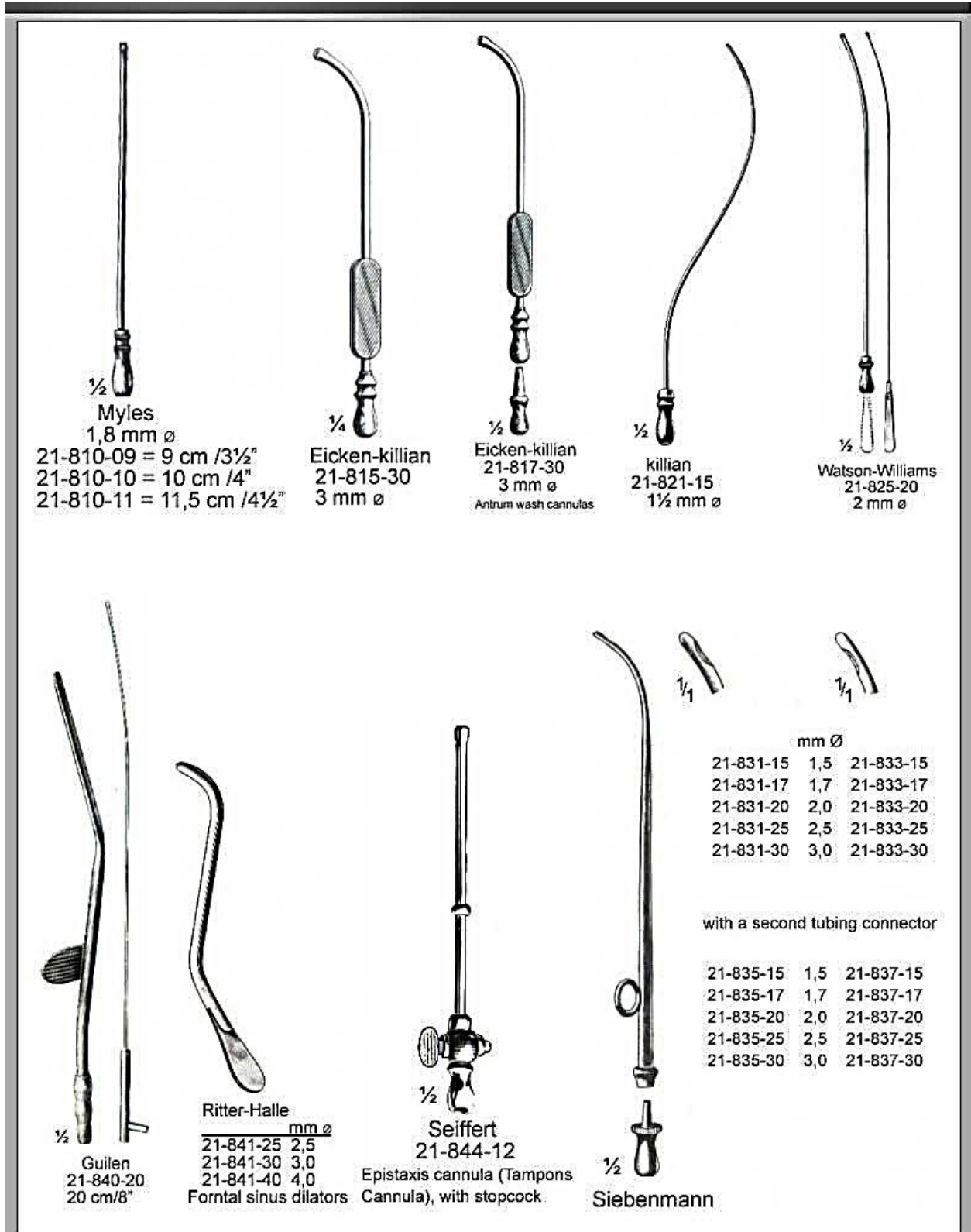
$\frac{1}{2}$
Pitha
 22-127-02
 Fig. a b c
 2 28 30 30 mm
 Rubber wedge, with chain



Skillern
21-862-19
19½ cm / 7¾"
Sphenoidal probe, graduated

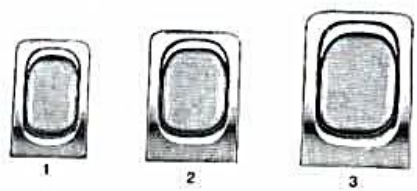


Hartmann
21-865-13
13 cm / 5"
probe





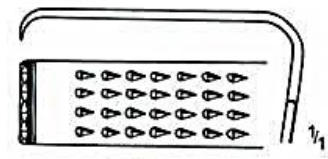
La Force
21-771-01 - 21-773-03
25 cm / 10"
Adenotomes, with one spare blade



with unperforated blade	Fig.	with perforated blade
21-771-01	1	21-773-01
21-771-02	2	21-773-02
21-771-03	3	21-773-03

Spare Blade for 21-771-01 - 21-773-03

21-781-01	1	21-782-01
21-781-02	2	21-782-02
21-781-03	3	21-782-03



Bruenings-Brunk
21-785-19
19 cm / 7 1/2"
Antrum Retractor

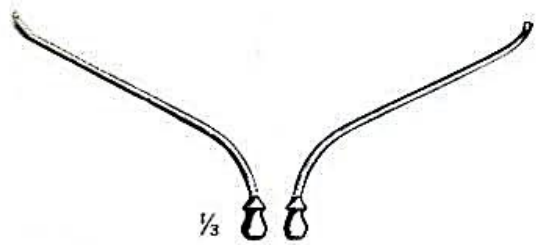


Fig.1	Hartmann mmø	Fig.2
21-801-20	2,0	21-802-20
21-801-25	2,5	21-802-25
21-801-30	3,0	21-802-30



Hajek
21-804-15 = 1,5 mm Ø
21-804-20 = 2,0 mm Ø



Hartmann
21-807-20 = 2,0 mm Ø
21-807-25 = 2,5 mm Ø
21-807-30 = 3,0 mm Ø



Vogel
21-753-21
21 cm / 8 1/4"



Beckmann
21-755-01-
21-755-06
22 cm / 8 3/4"



1/4
21-755-01
21-756-01



1/4
21-755-04
21-756-04



21-755-02
21-756-02



21-755-03
21-756-03



21-755-05
21-756-05



21-755-06
21-756-06



Beckmann
22 cm / 8 3/4"



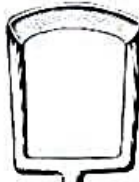
21-759-01



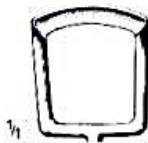
21-759-04



21-759-02



21-759-05



21-759-03



St. Clair-Thomson
21 cm / 8 1/4"



21-767-01



21-767-04



21-767-02



21-767-03



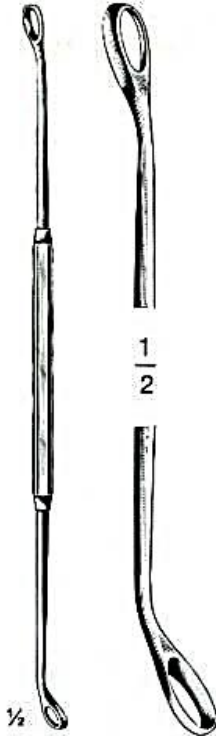
Beckmann
21-756-01
21-756-06
22 cm / 8 3/4"



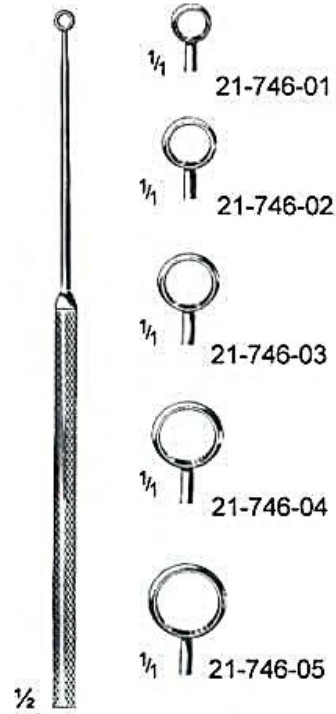
Pratt
21-739-21
21 cm / 8 1/4"



Faulkner
21-741-21
21 cm / 8 1/4"



21-749-12



Myles
17 cm / 6 3/4"
biegsam . malleable . maleables



Coakley
17 cm / 6 3/4"



21-747-01



21-747-02



21-747-03



21-747-04



21-747-05



21-747-06



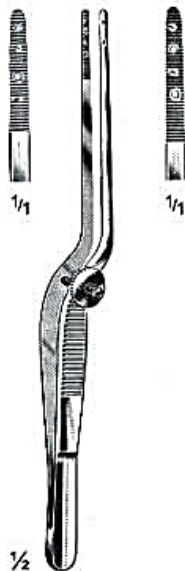
Cottle-Walsham
 21-724-01 - 21-724-03
 23 cm/9"
 Septum Straightening Forceps



Asch
 21-725-23
 23 cm/9"



Ogura
 21-728-11
 Tissue Forceps



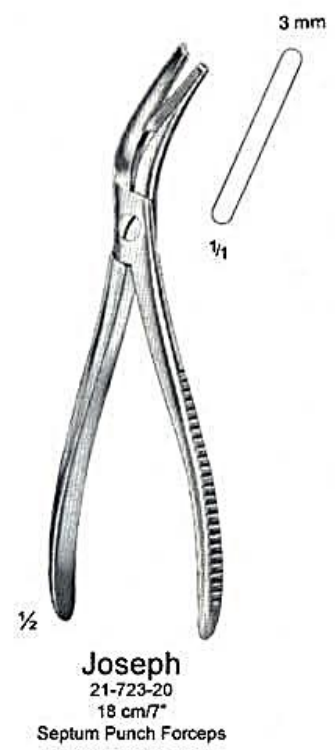
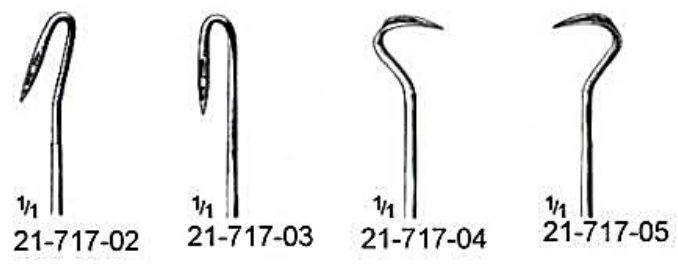
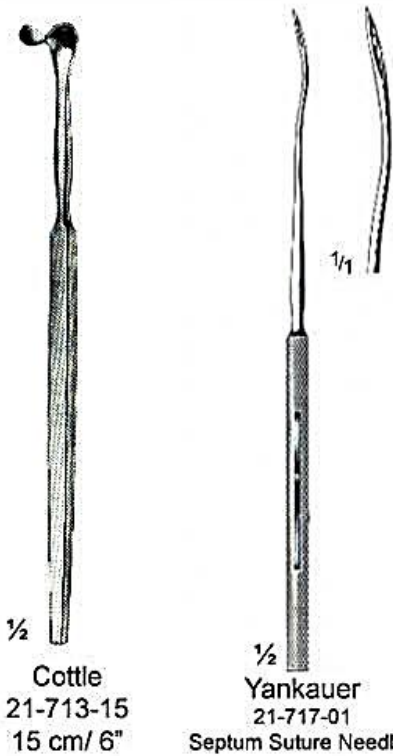
Cottle
 21-731-14

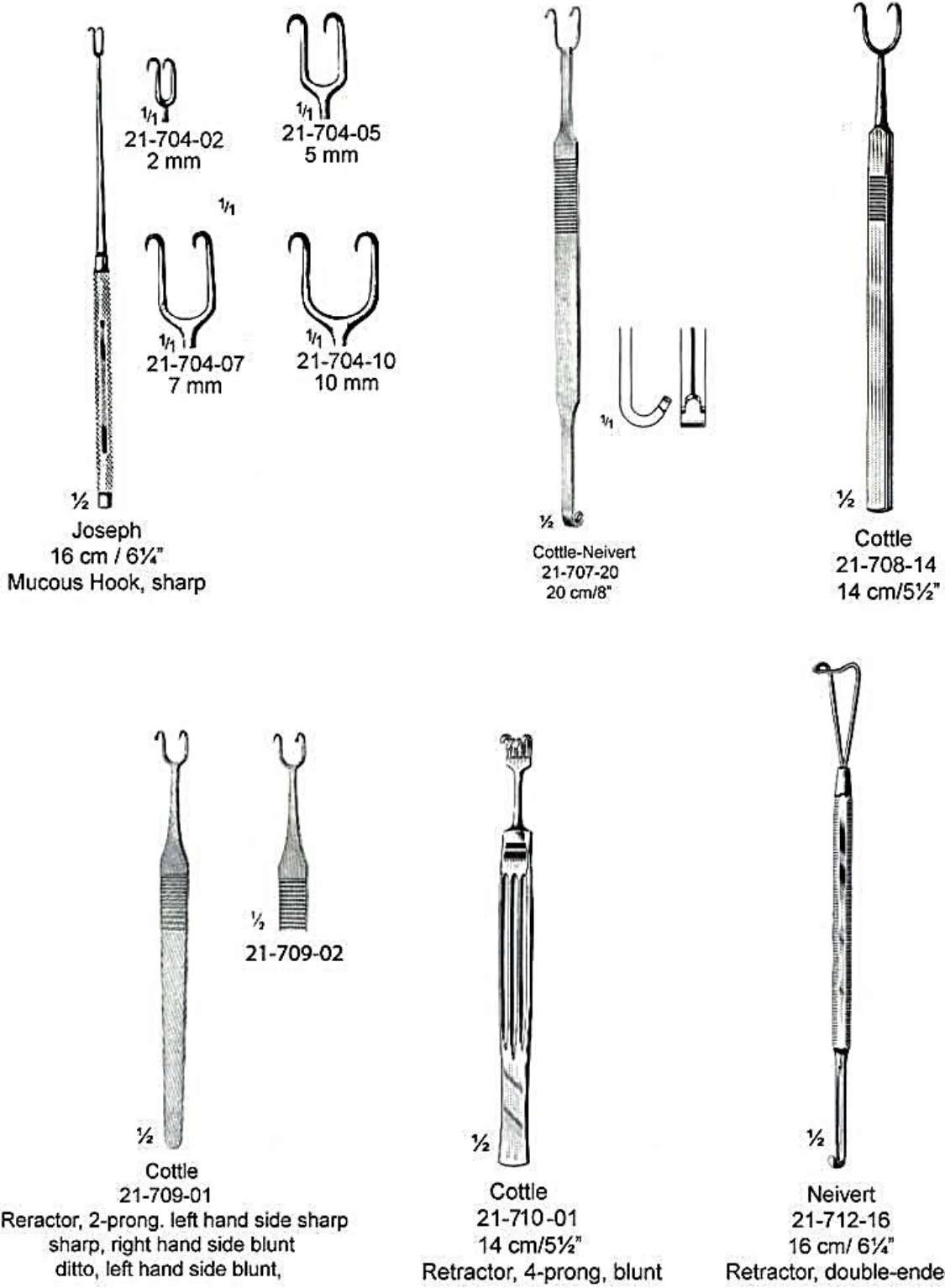


Cottle
 21-732-10
 Columella Forceps



Cottle
 21-734-14







½
Cottle
21-686-16
16 cm / 6¼"



½
Tenacula



½
Lange
21-692-22
22 cm / 8¾"
Hook for posterior nares
probe-pointed



½
Fomon
21-694-17
17 cm / 6¾"



¼
½
Freer
21-695-17
17 cm / 6¾"
Nasal Spatula, hook-shaped



½
Aufricht
21-697-16
16 cm / 6¼"



¼
½
Freer
21-702-15
15 cm / 6"



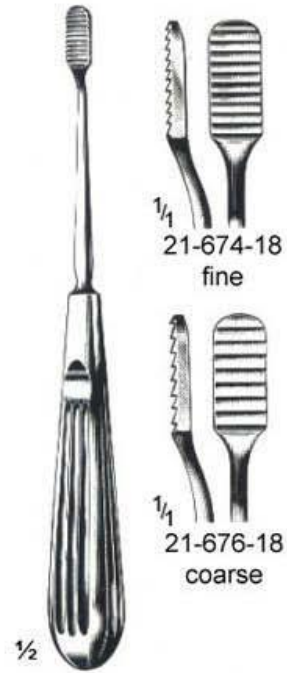
¼
½
Fomon
21-706-16
16 cm / 6¼"
Hook for posterior nares, probe
pointed



$\frac{1}{2}$
Cottle
 21-670-21
 21 cm / 8 $\frac{1}{4}$ "



$\frac{1}{2}$
Aufricht
 21 cm / 8 $\frac{1}{4}$ "



$\frac{1}{2}$
Lewis
 18 cm / 7"



$\frac{1}{2}$
Wiener
 18 cm / 7"
 Antrum Rasps



$\frac{1}{2}$
Fomon
 21-680-21
 21 cm / 8 $\frac{1}{4}$ "
 Nasal Rasp, double-ended



$\frac{1}{2}$
Joseph
 21-684-15
 15 cm / 6"
 Mucous Hook



Joseph
21-641-40
Length of clamp 45 mm



21-649-01



1/2

Joseph
21-649-01 - 21-649-02
19 cm / 7 1/2"
Nasal Saw, bayonet shaped



21-649-02

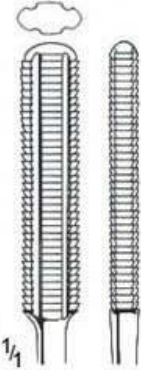


1/2

Joseph
21-651-15



Maltz
21-654-18
18 cm / 7"
Nasal Rasp



1/4



Joseph
21-658-01
16 cm / 6 3/4"
Bone File



1/4



21-669-01



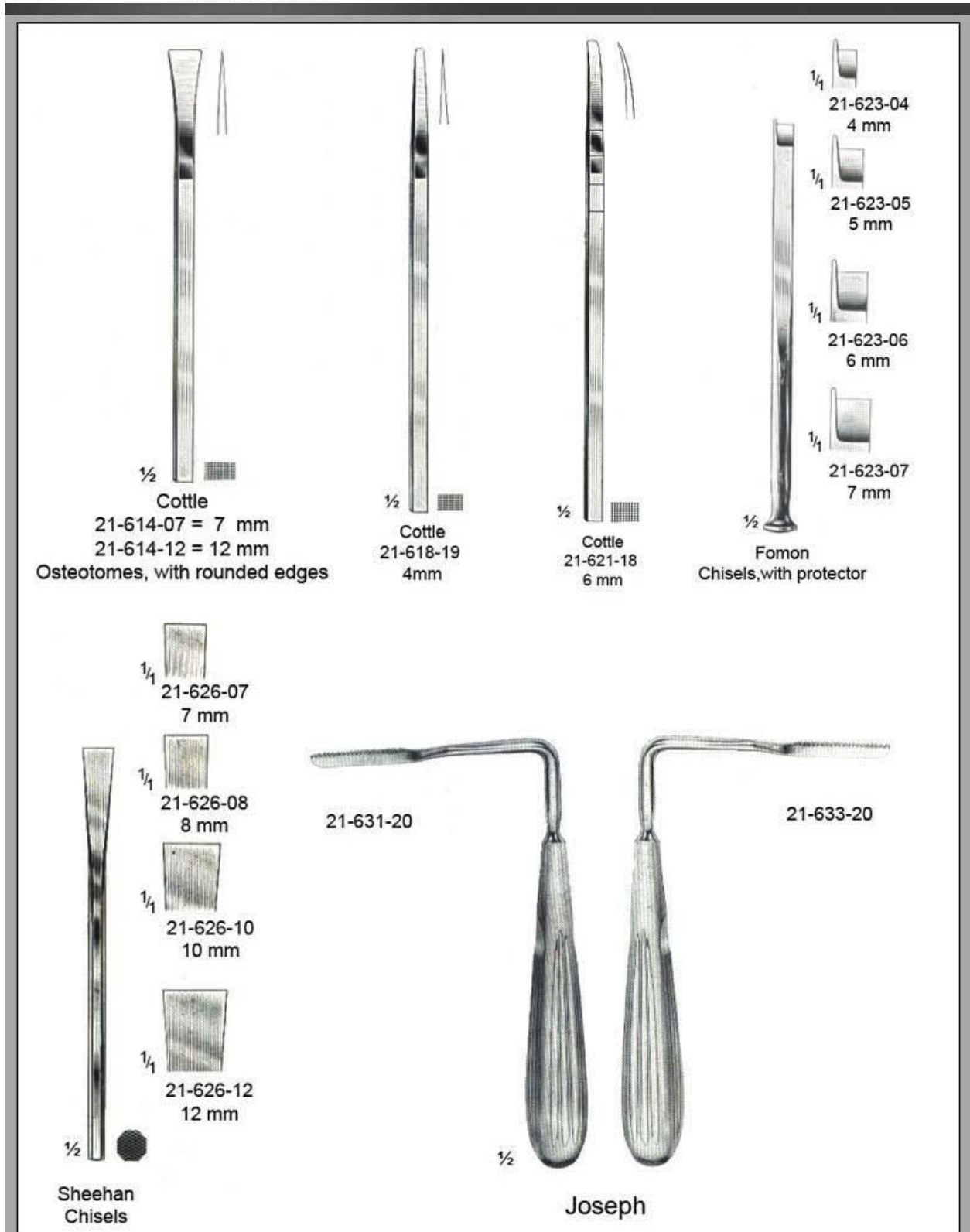
21-669-02

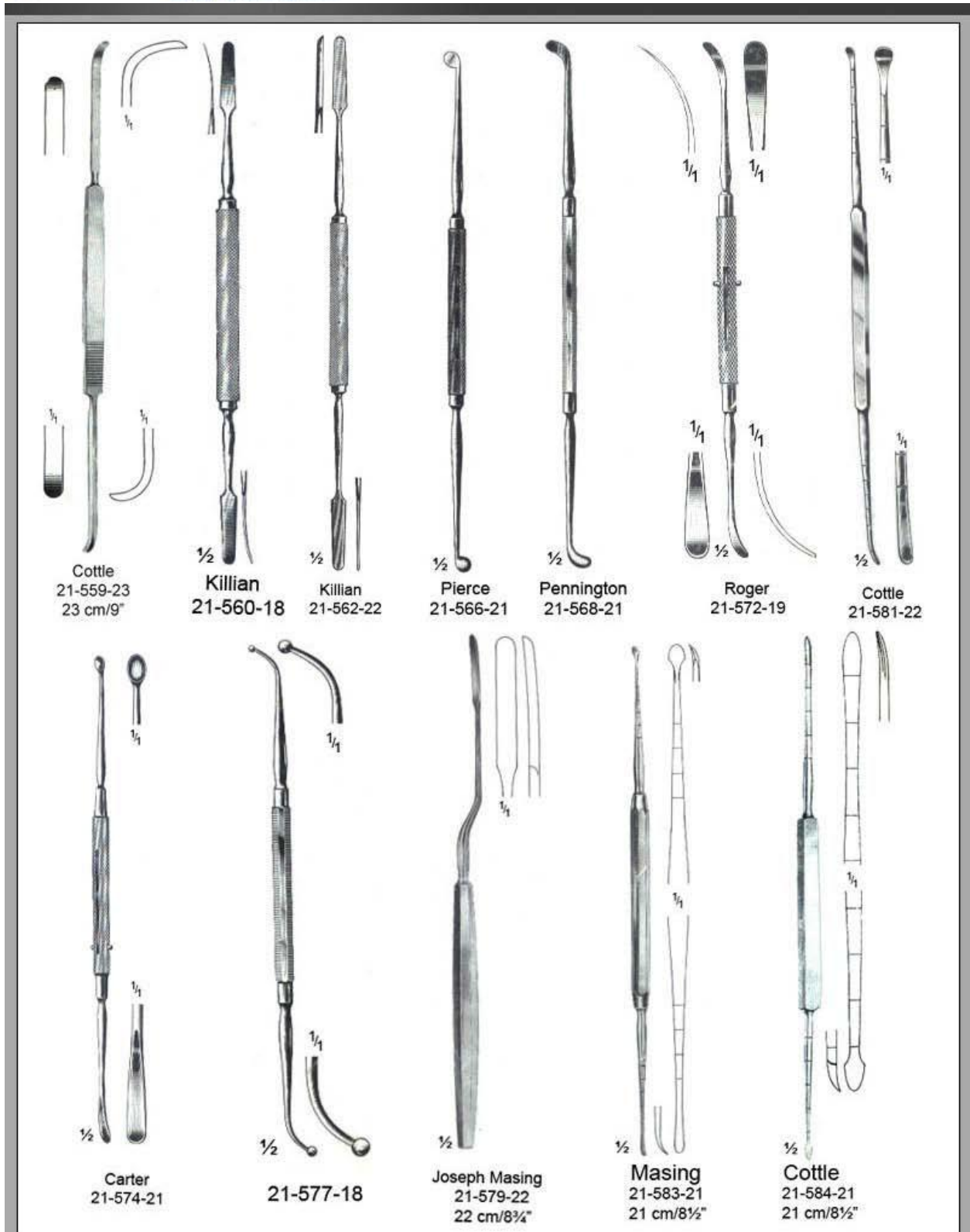


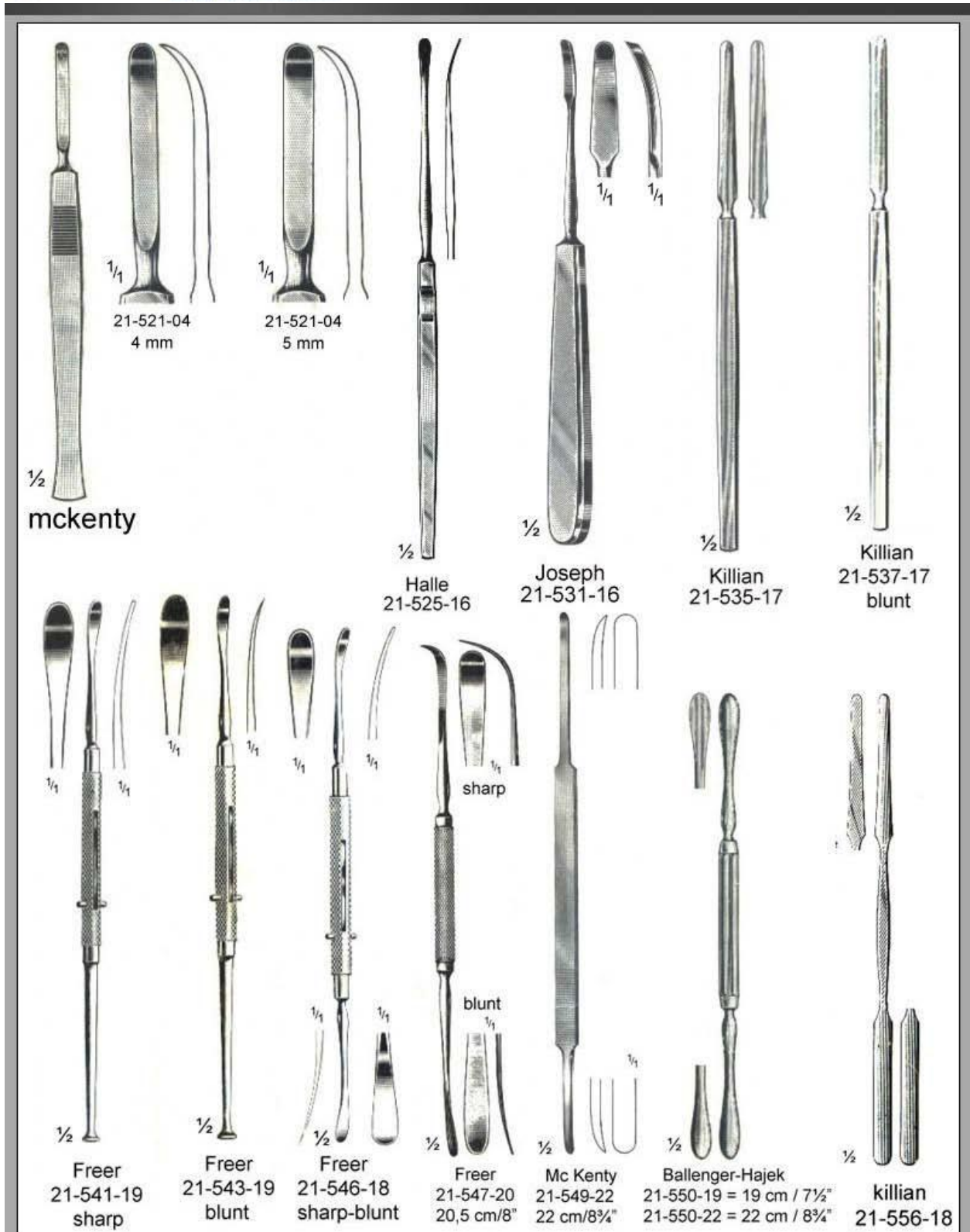
21-669-03

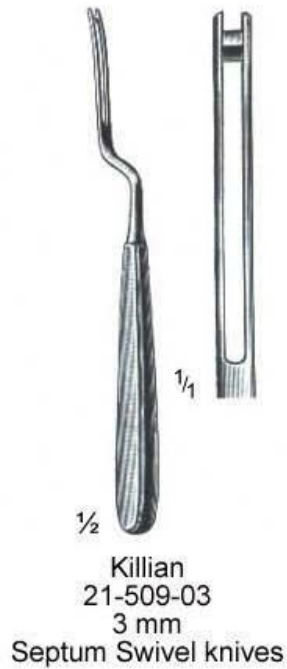


Gallaher
16 cm / 6 1/4"
Antrum Rasps







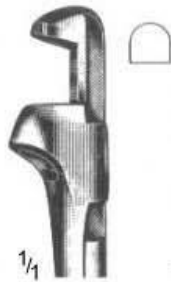











Hajek-Claus
21-383-20
20 cm / 8"
Antrum Rongeur Forceps,
through cutting



- 4 x 4 mm  21-389-01
4mm
- 5 x 5 mm  21-389-02
5mm
- 6 x 6 mm  21-389-03
6 mm



Kerrison
20 cm / 8"
ditto, not-through cutting



Jurasz
22 cm / 8 3/4"
Adenoid Cutting Forceps,
fenestrated jaws



21-407-01



21-407-02



21-407-03



Chatellier
22 cm / 8 3/4"
ditto, spoon-shaped jaws



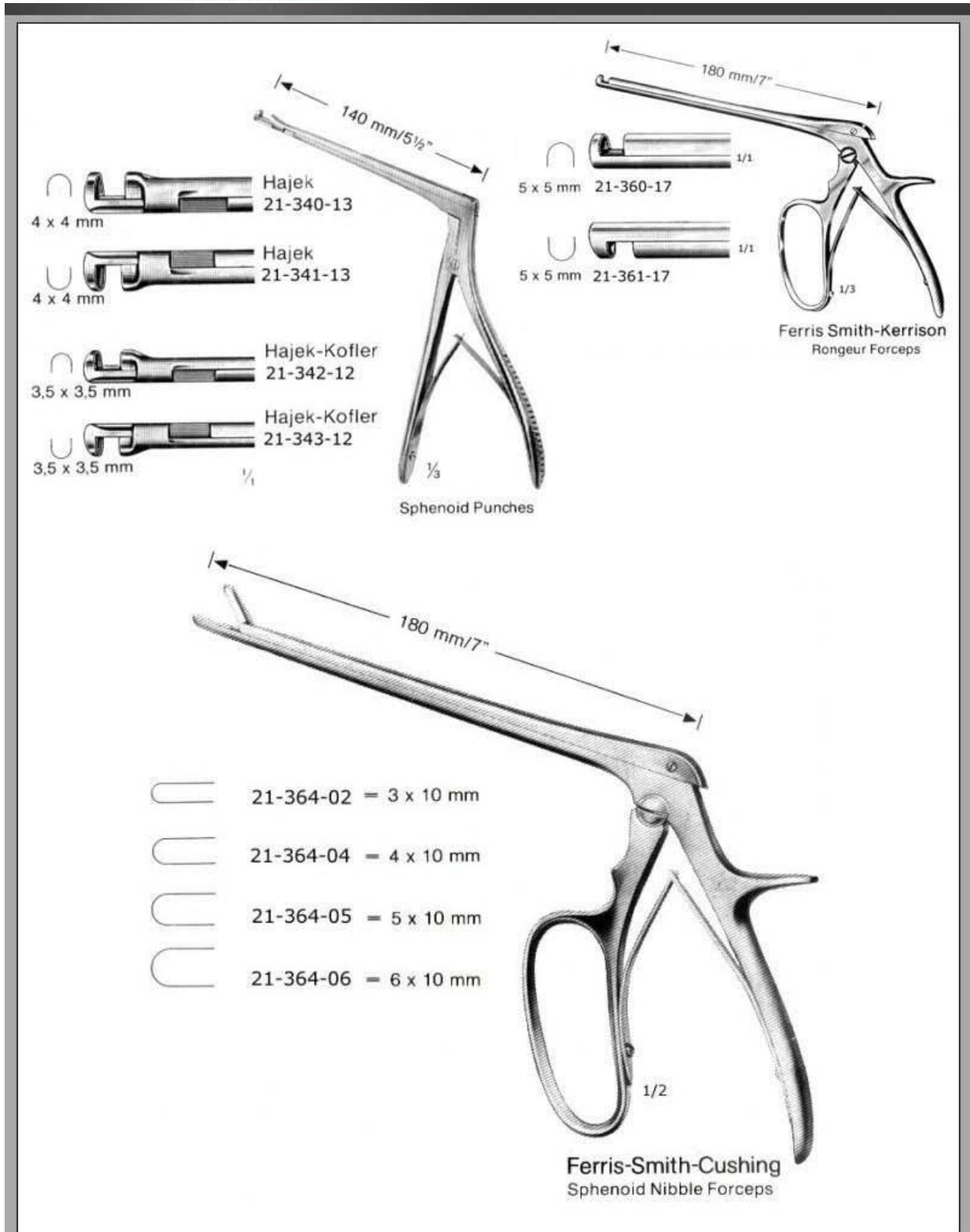
21-413-01



21-413-02



21-413-03

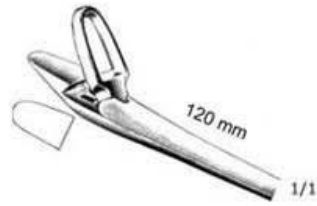




Hartmann
 19 cm/7½"



Schmeden
 21-313-12
 19 cm/7½"



Tomati
 21-315-12
 19 cm/7½"
 through-cutting, fenestrated jaws,
 with ring handles



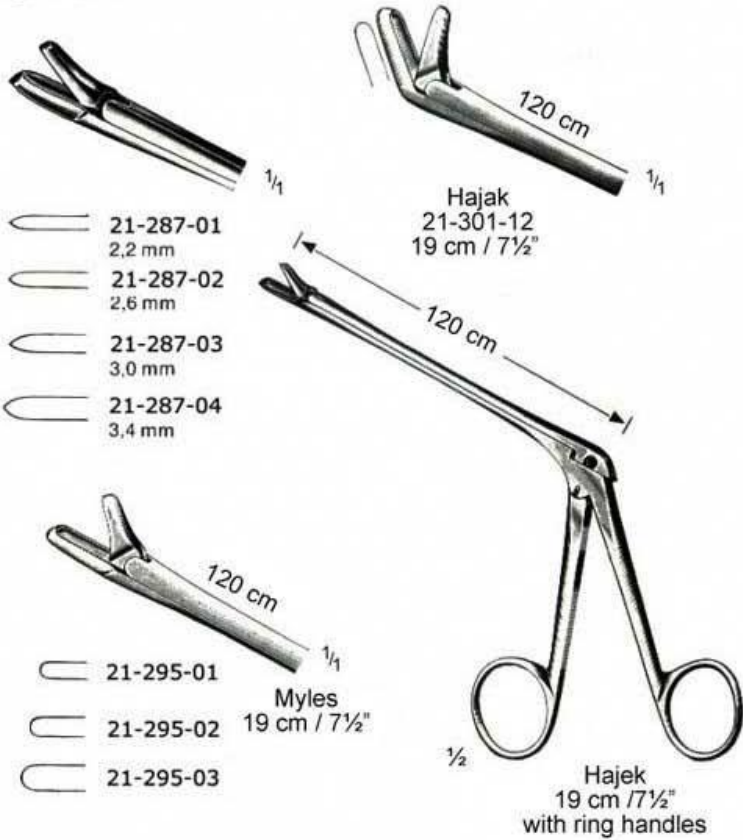
Middleton-Jansen
 21-323-19
 19 cm/7½"
 ditto, regular pattern



Middleton-Jansen
 21-327-19
 19 cm / 7½"
 Septum Bone Forceps, spoon
 snapped jaws



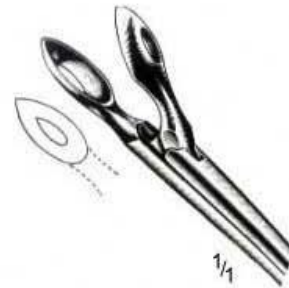
Jansen-Struycken
 21-321-19
 19 cm / 7½"
 Septum Punch with double arti



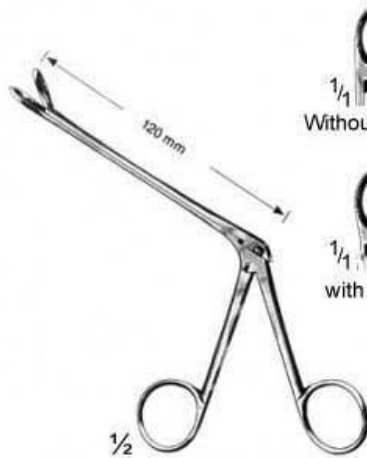


21-241-10

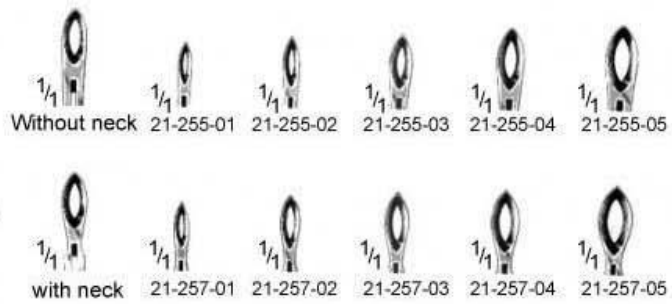
Watson-Williams
 21-241-12
 19 cm / 7 1/2"
 Ethmoid forceps

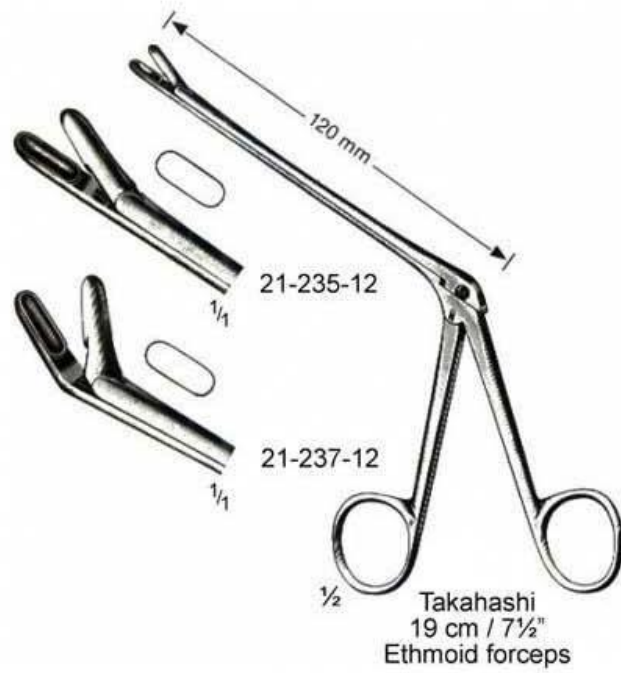
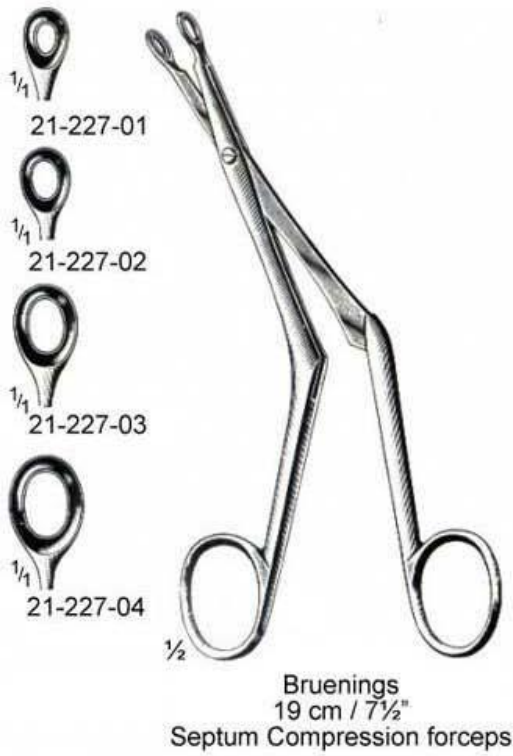
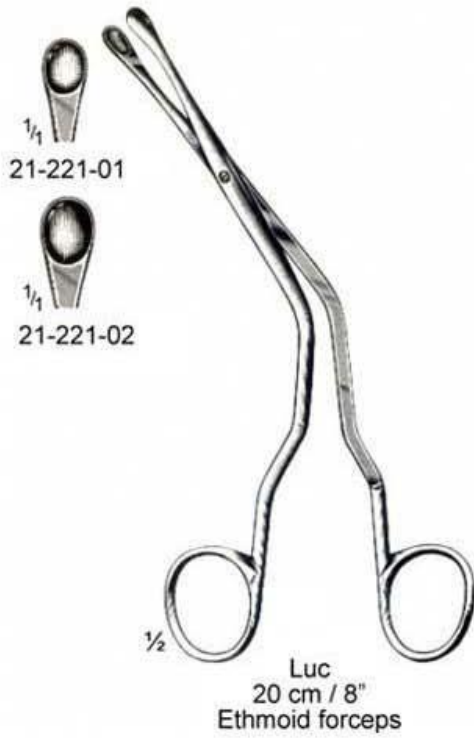


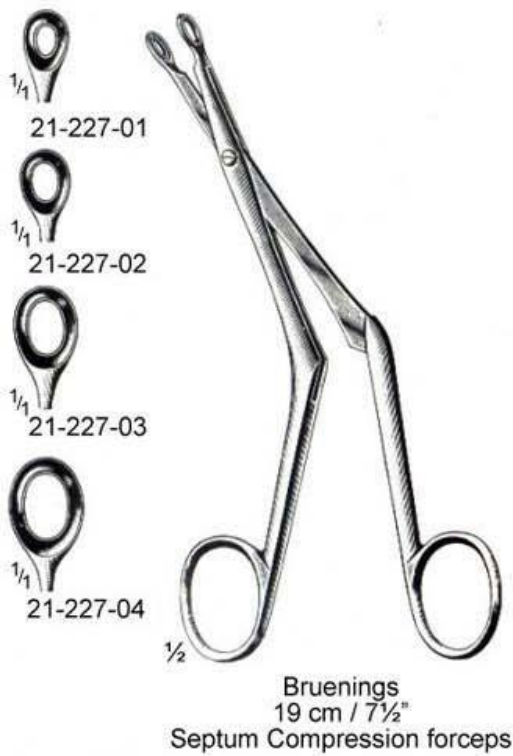
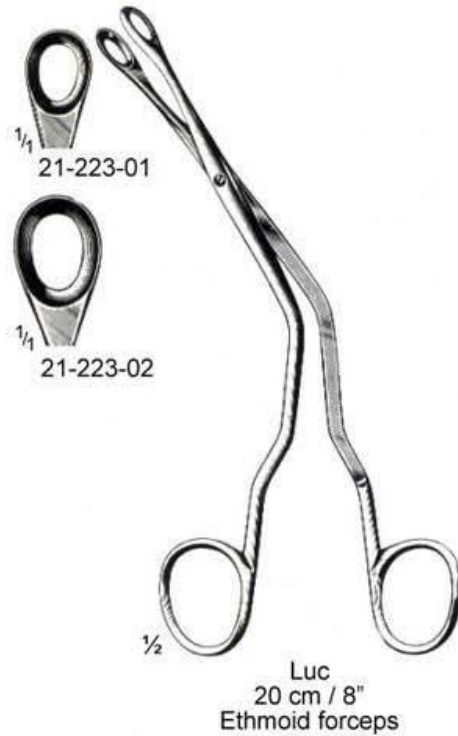
Weil
 21-249-12
 19 cm / 7 1/2"
 Nasal Cutting forceps



Weil-Blakesley
 19 cm / 7 1/2"









1/2 Knight
 21-207-18
 18 cm / 7"
 Nasal Cutting Forceps



1/2 Craig
 21-213-18
 18 cm / 7"
 Septum and Vomer Forceps



1/2 21-215-01-21-215-02
 18 cm/7"



Heymann-Knight
21-143-18
18 cm / 7"



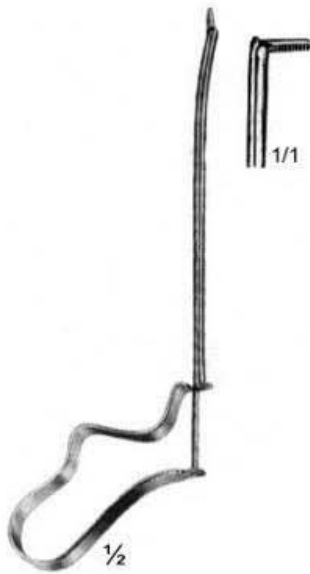
Hartmann
21-145-20
20 cm / 8"



Littauer
21-151-18
18 cm / 7"
Nasal Polypus Forceps



Killian
21-161-17
17 cm / 7 1/4"
Septum compression Forceps



Quire
21-180-12
12 cm / 4 3/4"
Foreign Body Forceps



Heymann
18 cm / 7"
Nasal Cutting Forceps



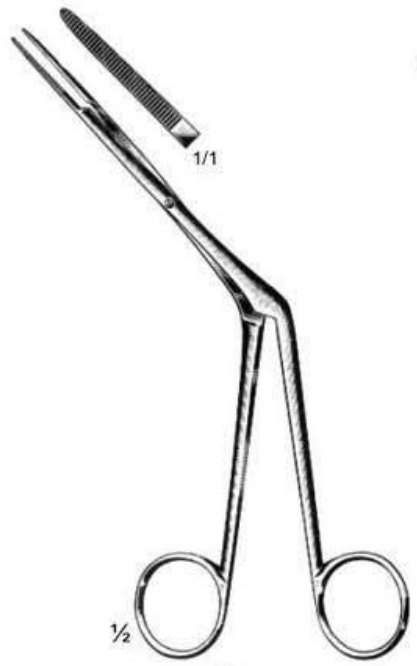
1/2
 Troeltsch
 21-101-15
 15 cm / 6"



1/2
 Troeltsch
 21-105-18
 18 cm / 7"



1/2
 Gruenwald (Jansen)
 21-115-20
 20 cm / 8"



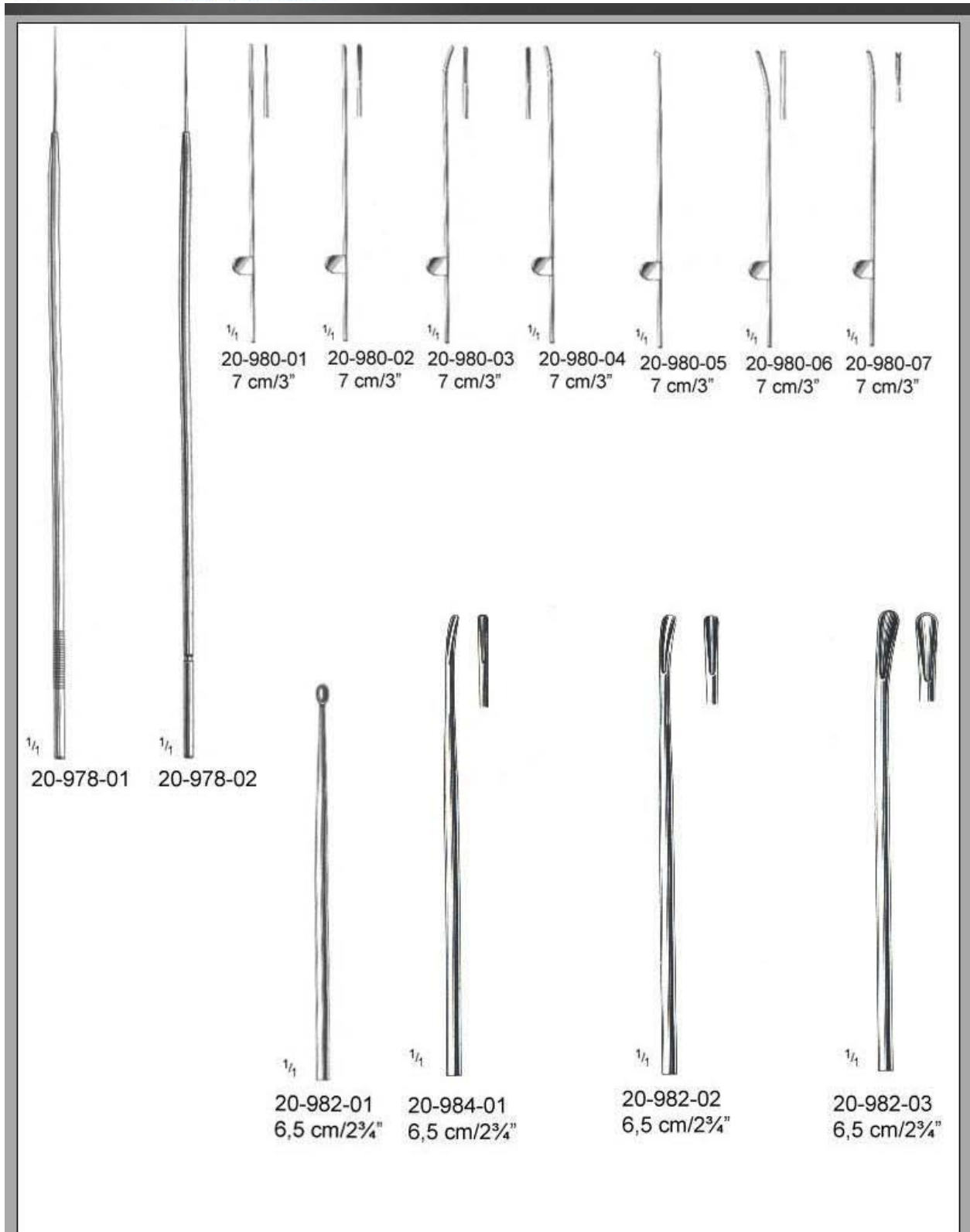
1/2
 Westmacott
 21-121-20

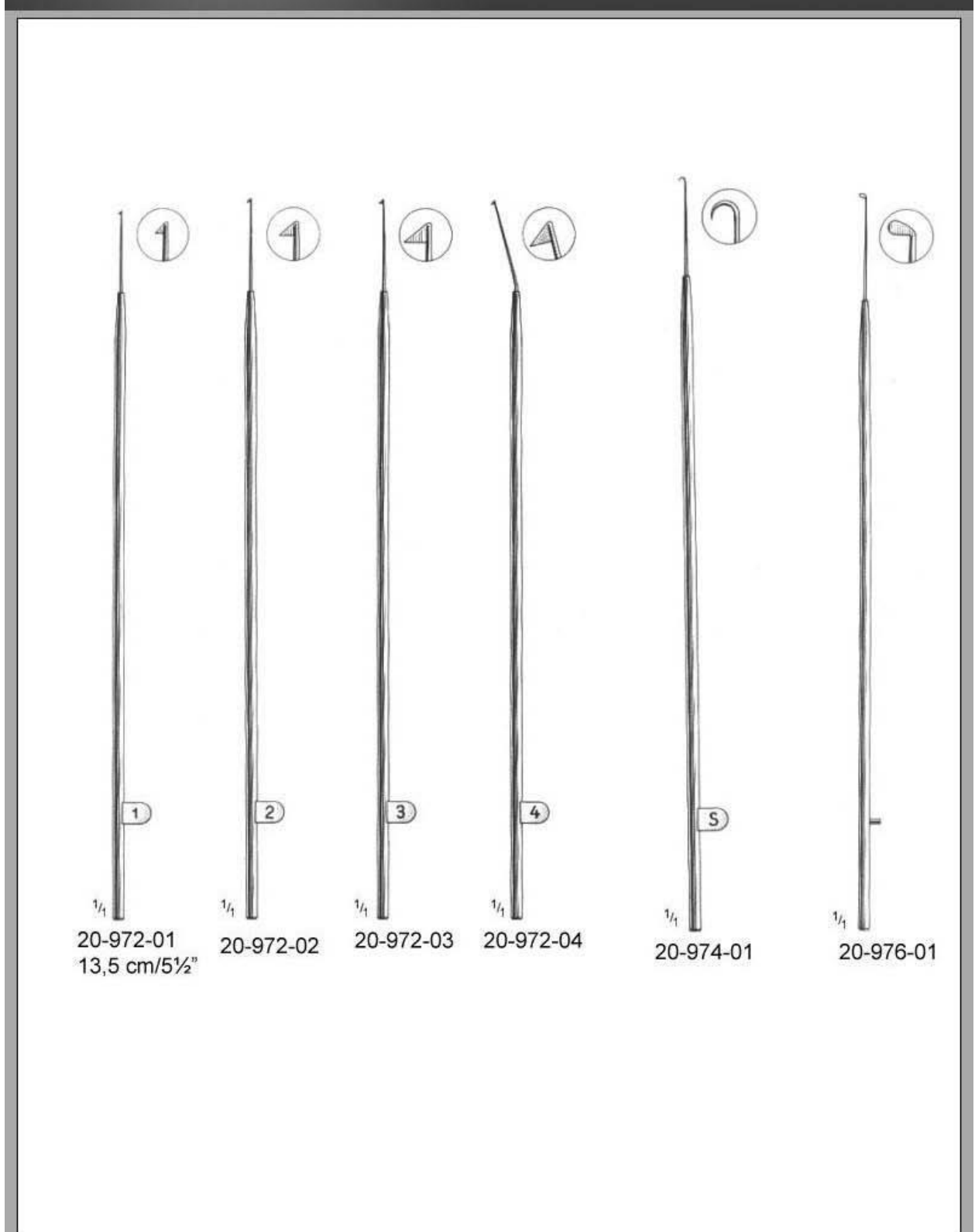


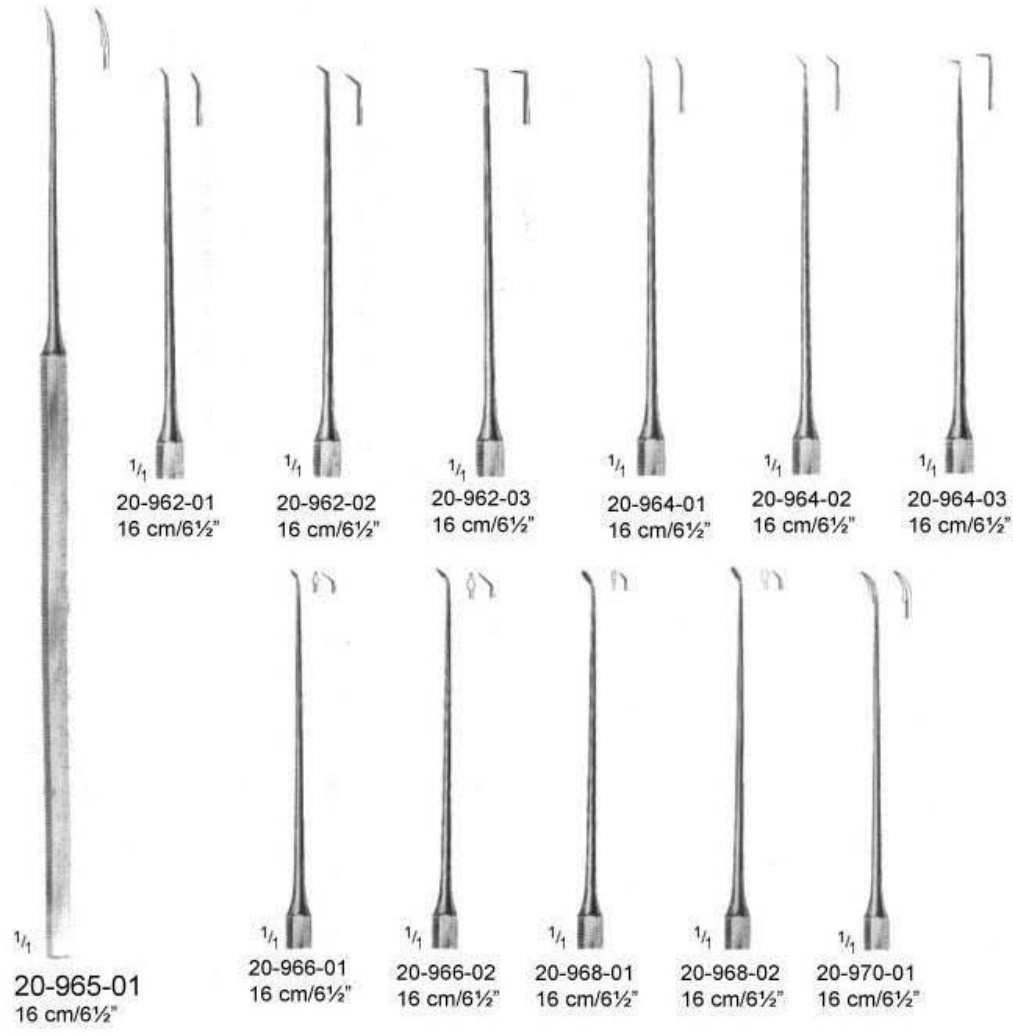
1/2
 Lubet-Barbon
 21-129-20

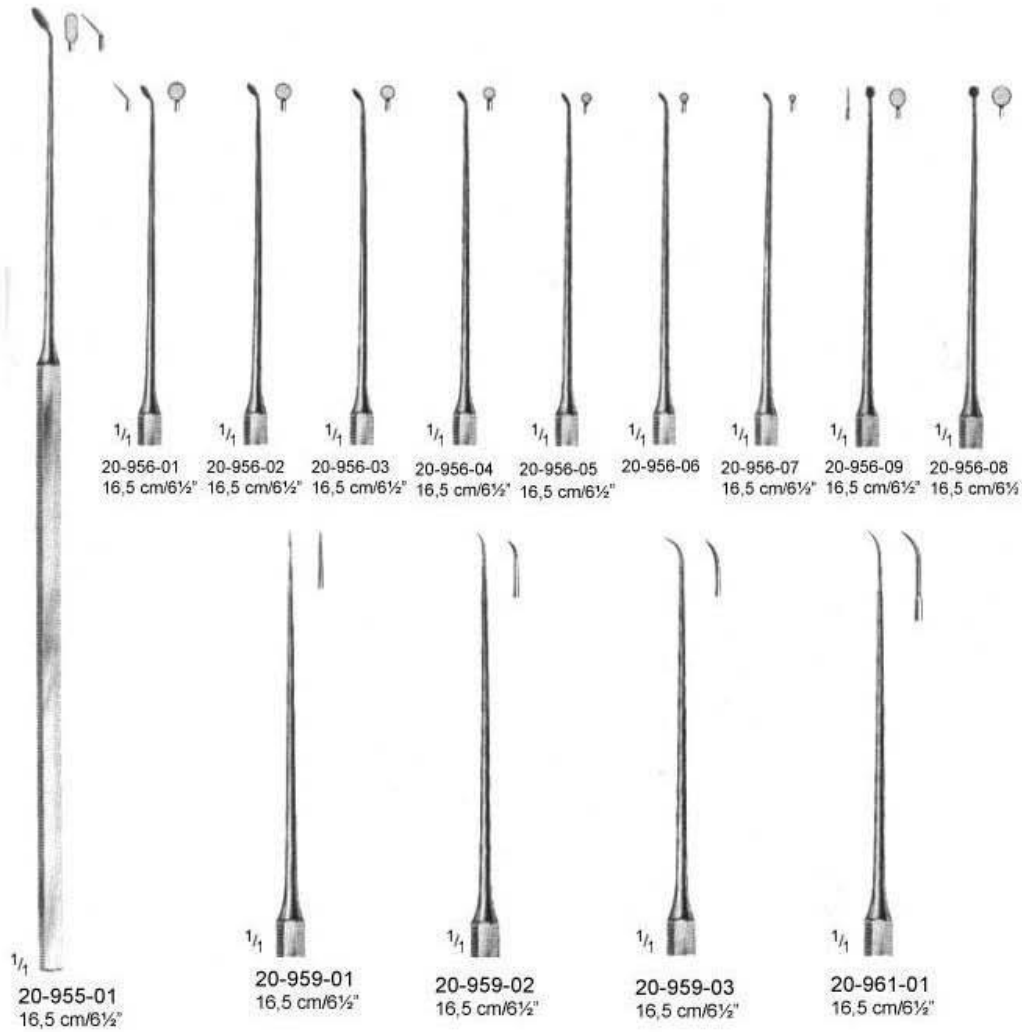


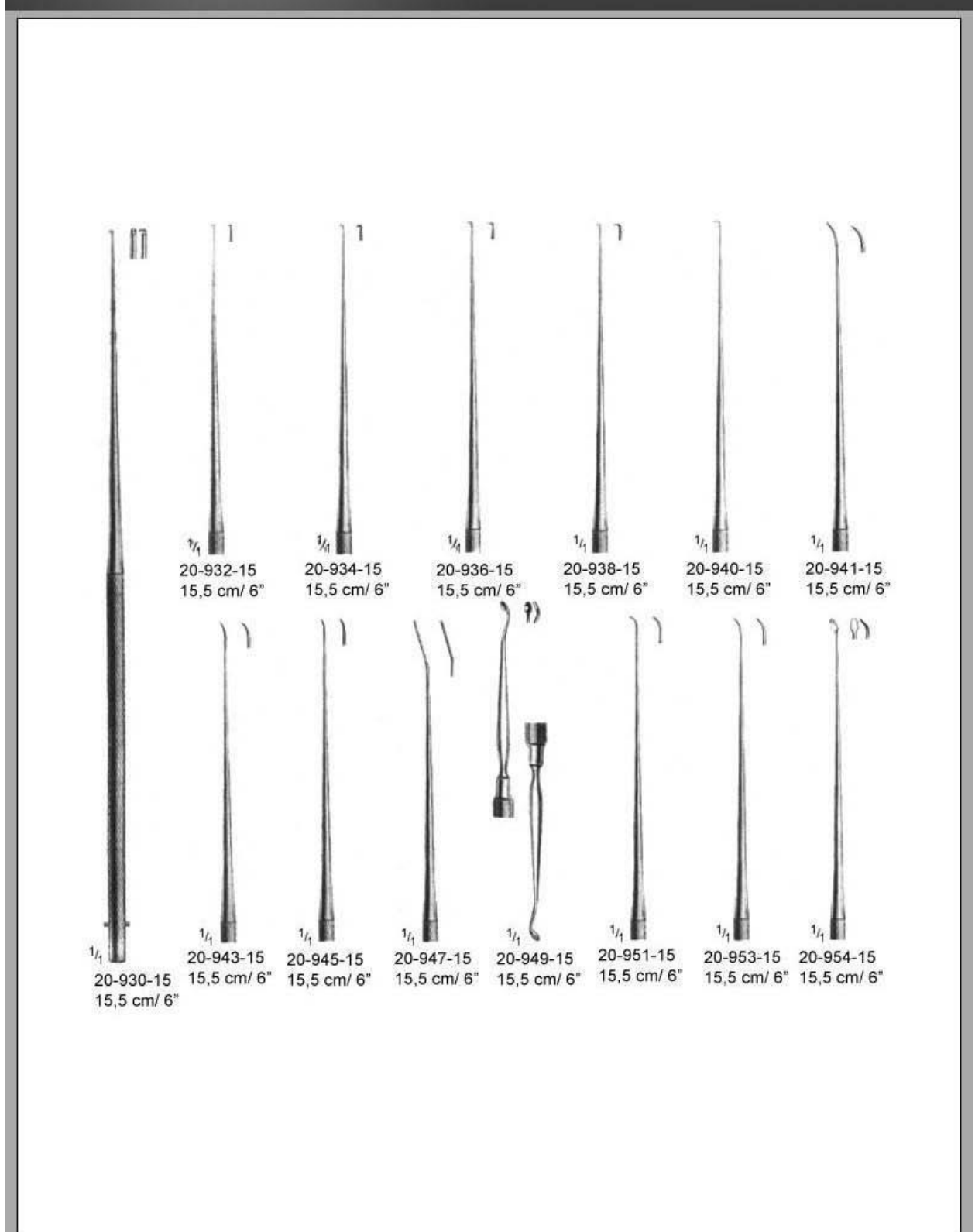
1/2
 Hartmann
 21-141-16
 16 cm / 6 1/4"





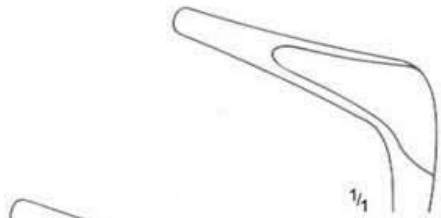




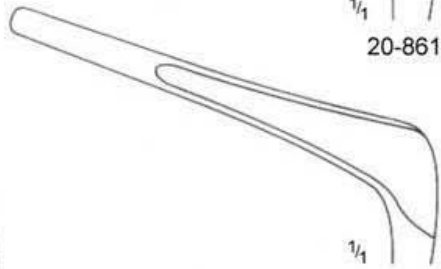




½
Cottle
20-861-45-75
14 cm/5½"



¼
20-861-45



¼
20-861-75

Dull black chromium plated



½
Yankauer
20-862-19
19 cm/7½"
nasopharyngeal



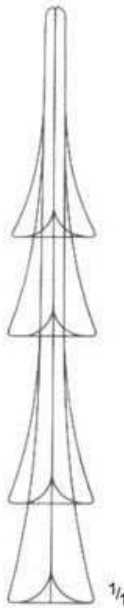
1/2
Killian
 13 cm/5"
 nasal and nasopharyngeal

20-856-01
 35 mm

20-856-02
 50 mm

20-856-03
 75 mm

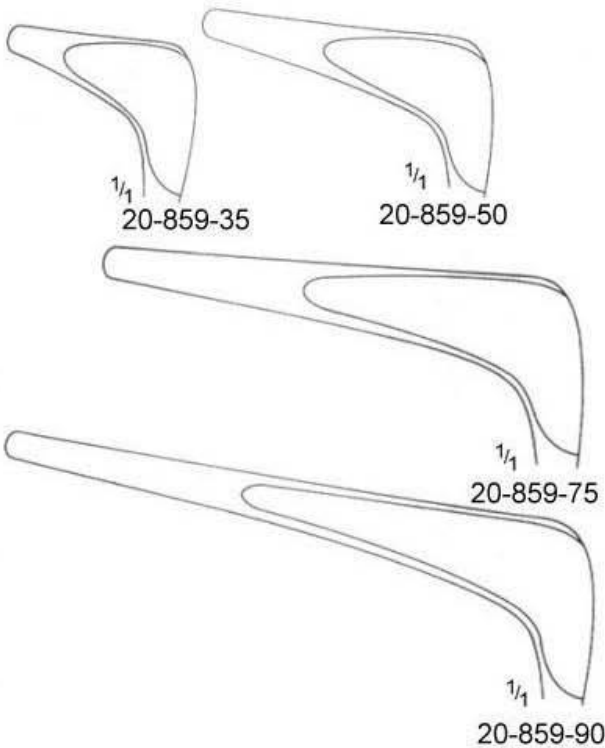
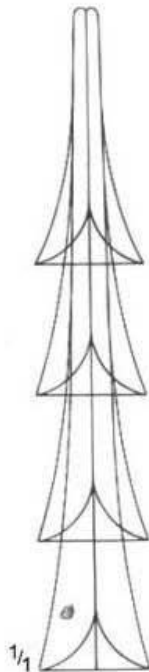
20-856-04
 90 mm



1/2
Mod. Wien
 20-858-14
 14,5 cm/5 3/4"

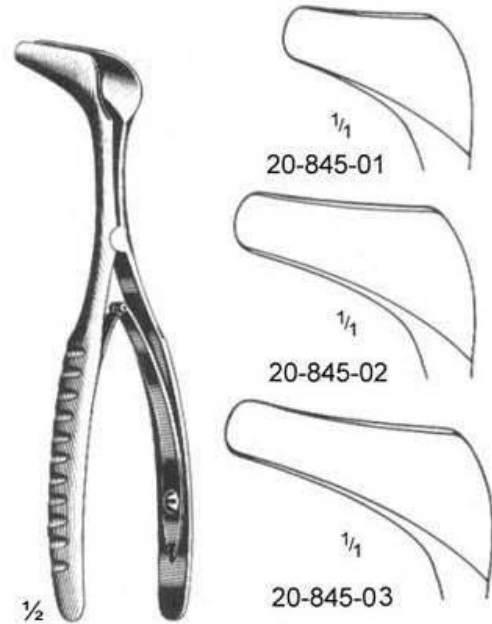


1/2
Cottle
 20-859-35-90
 15 cm/6"

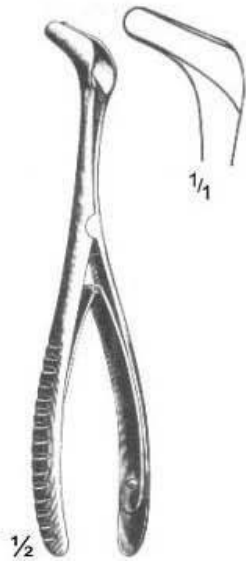




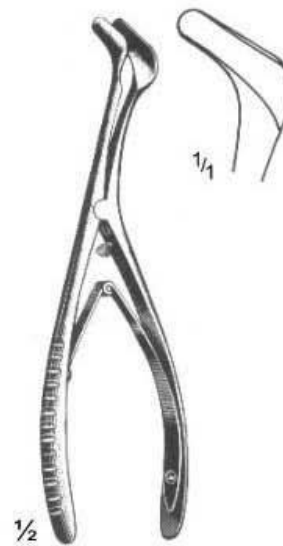
Schwarz
 20-841-14
 14 cm/5½"



Hartmann-Halle
 15 cm/6"



Tieck-Halle
 20-852-13
 13,5 cm/5¼"
 For children



Tieck-Halle
 20-853-13
 13,5 cm/5¼"
 For children



$\frac{1}{2}$
Feldbausch
20-811-01



$\frac{1}{2}$
20-811-02



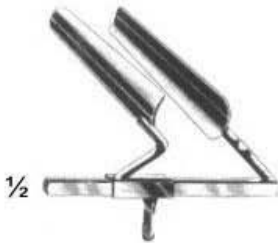
$\frac{1}{2}$
20-811-03



$\frac{1}{2}$
20-811-04



$\frac{1}{2}$
20-813-08
Fraenkel



$\frac{1}{2}$
patton
20-815-06



$\frac{1}{2}$
Goldsmith



$\frac{1}{4}$
20-817-01

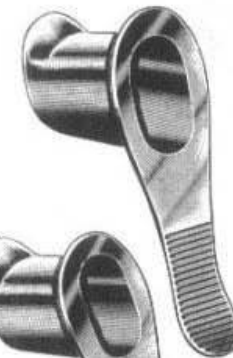


20-817-02

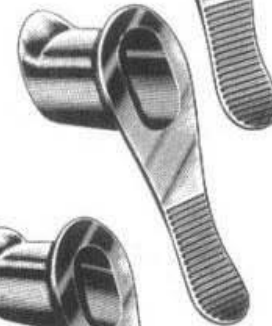


20-817-03

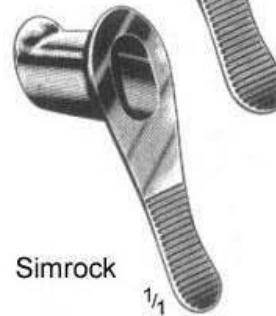
20-831-03



20-831-02



20-831-01



Simrock
 $\frac{1}{4}$



$\frac{1}{4}$
Voltolini
20-823-01-20-823-03



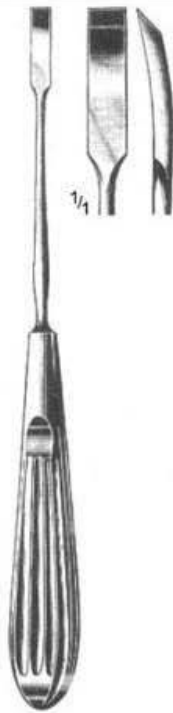
$\frac{1}{4}$
20-823-01



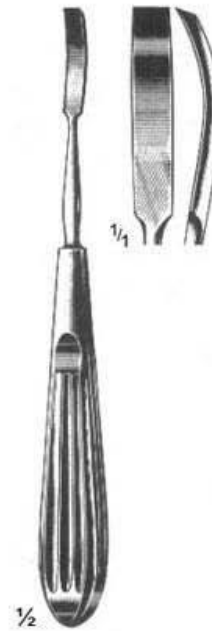
$\frac{1}{4}$
20-823-02



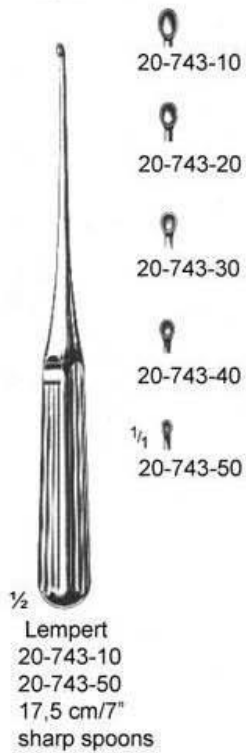
$\frac{1}{4}$
20-823-03



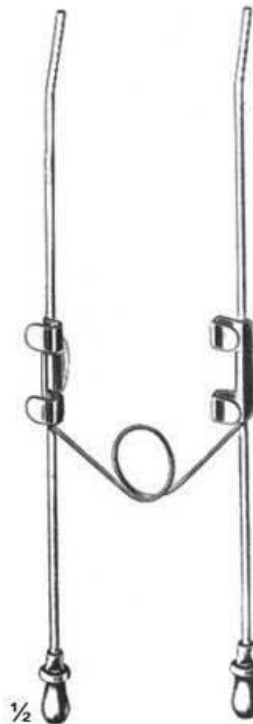
Lempert
 20-737-20
 20,5 cm/5 1/4"



1/2
 Lempert
 20-739-17
 18 cm/7 1/4"
 Excavators



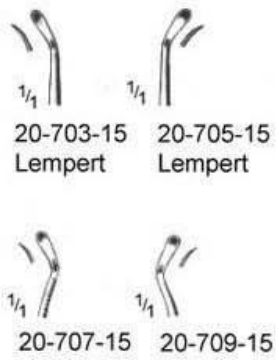
1/2
 Lempert
 20-743-10
 20-743-50
 17,5 cm/7"
 sharp spoons



Shambaugh
 20-745-19
 19,5 cm/7 1/4"
 linkes Rohr 2,0 mm Ø
 rechtes Rohr 2,5 mm Ø

left tube 2,0 mm Ø
 right tube 2,5 mm Ø

Shambaugh
 20-747-19
 19,5 cm/7 1/4"
 rechtes Rohr 2,0 mm Ø
 linkes Rohr 2,5 mm Ø
 right tube 2,0 mm Ø
 left tube 2,5 mm Ø



20-703-15 Lempert
 20-705-15 Lempert
 20-707-15
 20-709-15

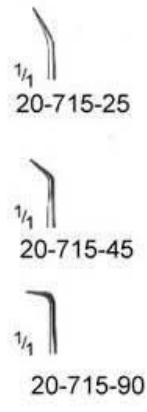
1/2
 Lempert
 16 cm/6 1/2"
 Excavators



1/2
 20-710-15
 15 cm/6"
 Fistula Probes and Hooks



1/2
 Shambaugh
 15 cm/6"
 Fistula Probes and Hooks



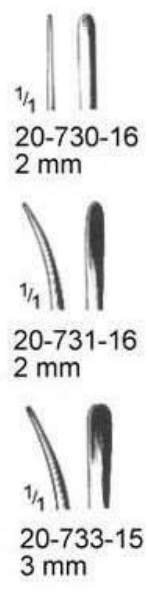
1/2
 MuHugh
 20-719-16
 16,5 cm/6 1/2"
 Flap knife

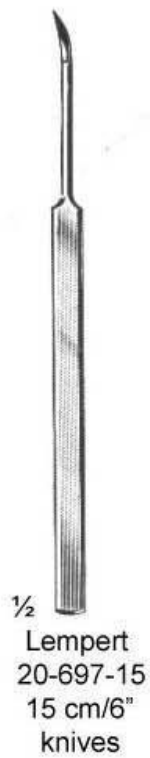
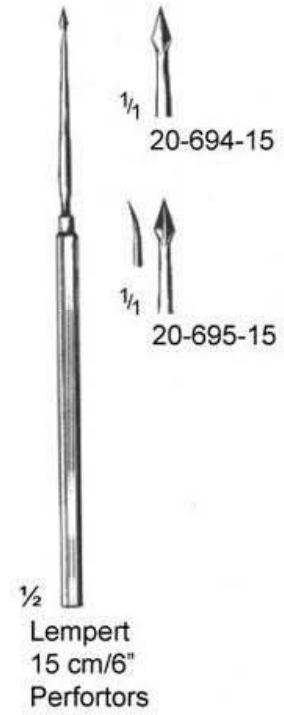


1/2
 20-724-15
 14 cm/5 1/2"
 Fenestrometer

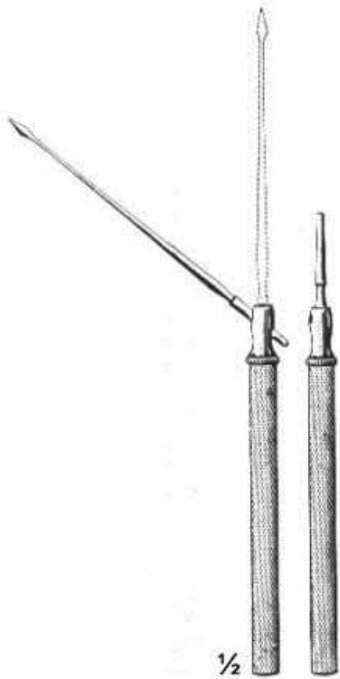


1/2
 Lempert
 19 cm/7 1/2"
 sharp spoons

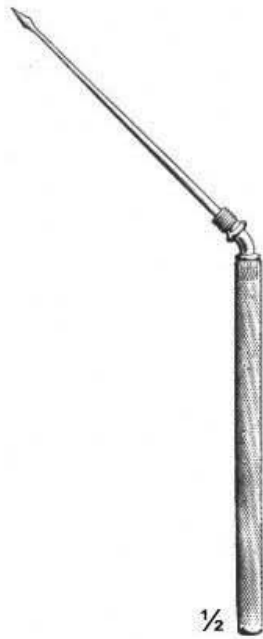




8.3



1/2
Poltizer
20-670-17
17 cm/6 3/4"
Tympanum Perforators



1/2
Poltizer
20-665-17
16,5 cm/6 1/2"
Paracentesis Needle



1/2
Lucae
20-677-19
20 cm/8"
Paracentesis Needle



1/2
Hartmann
20-681-08
16 cm/6 1/2"

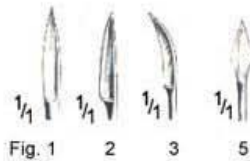


Fig. 1 2 3 5

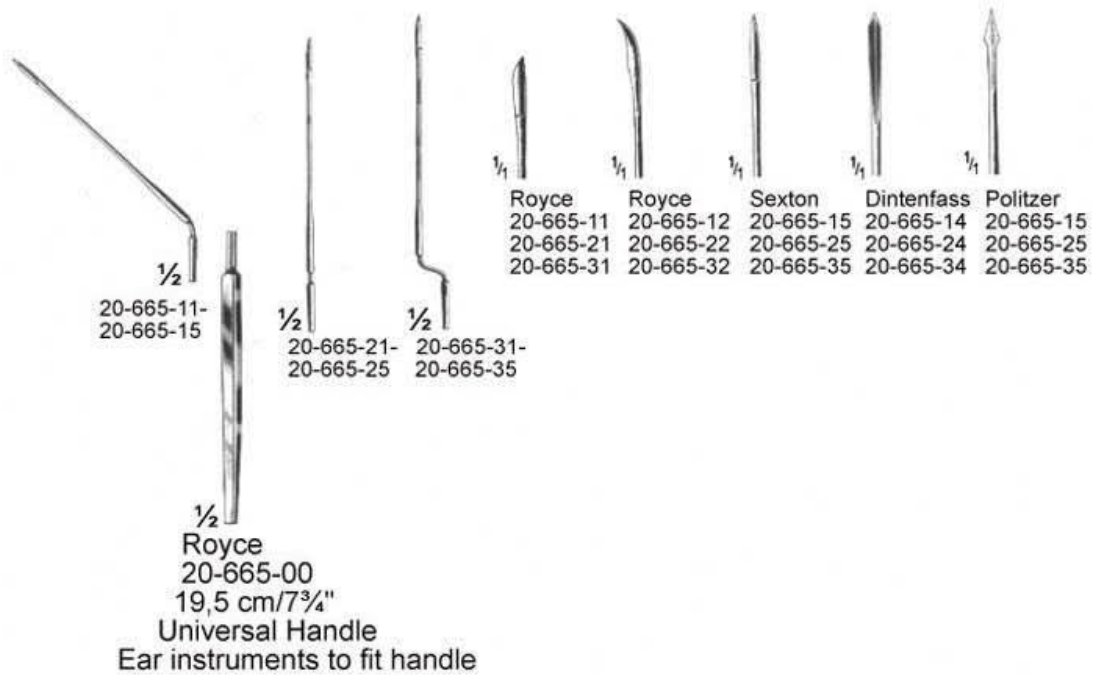
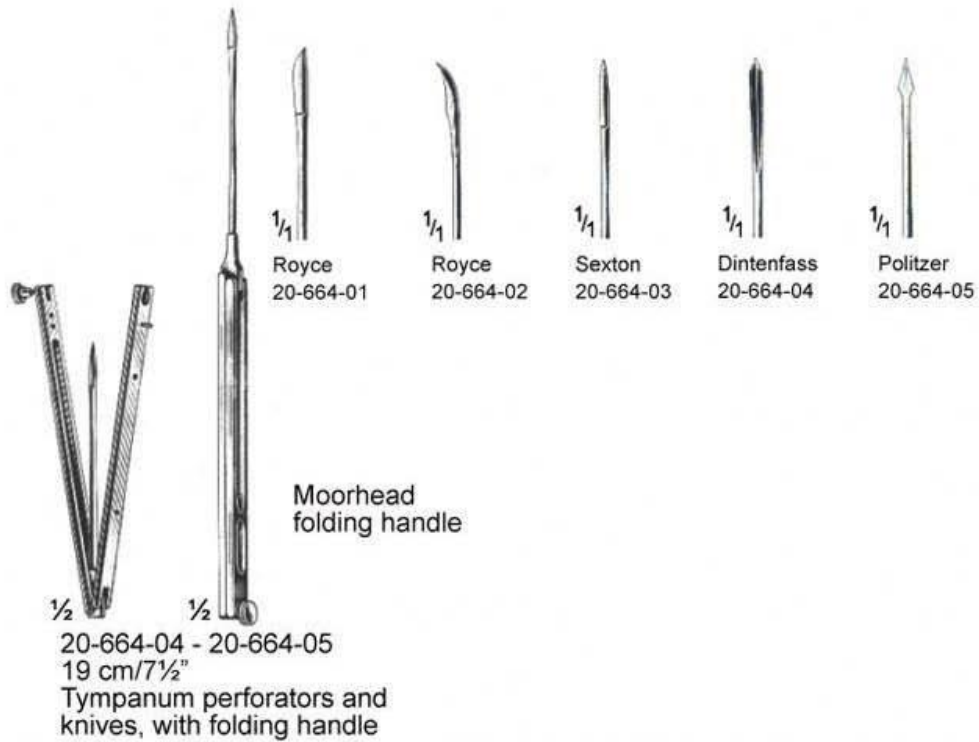


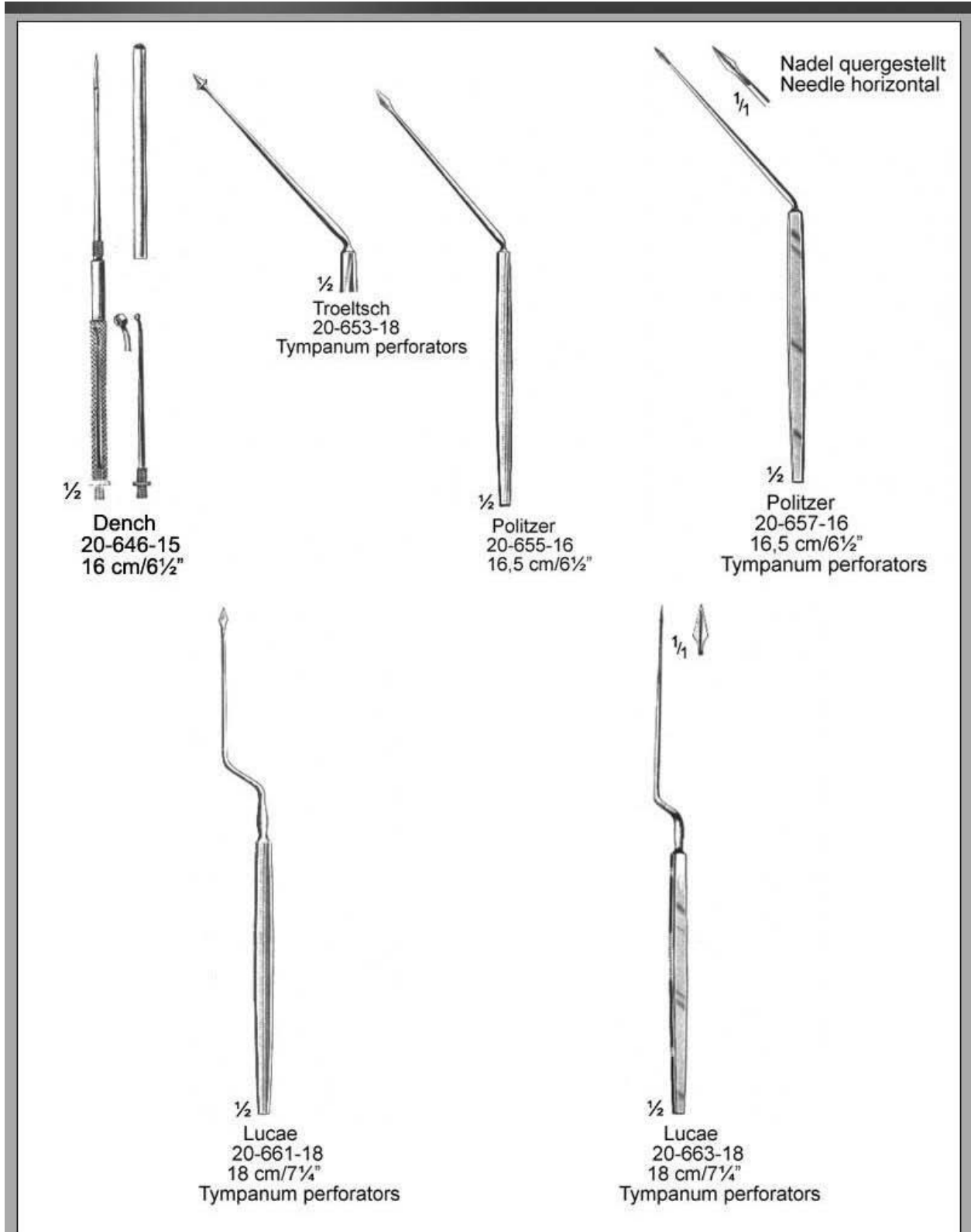
Fig. 6 8 9

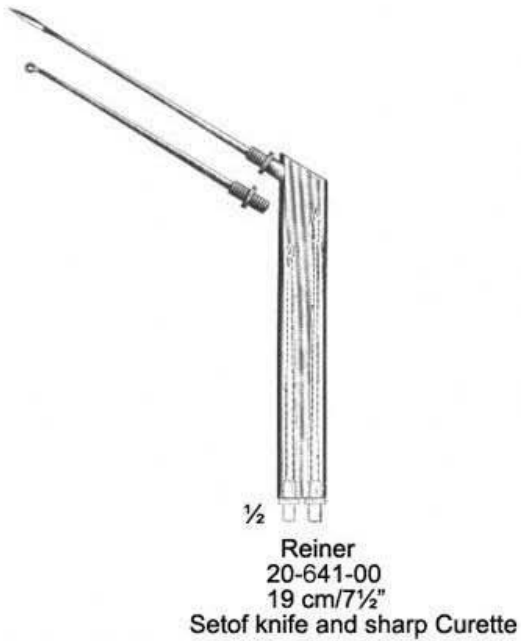
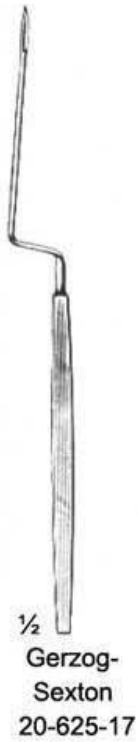
Fig	
1	20-684-01
2	20-684-02
3	20-684-03
5	20-684-05
6	20-684-06
8	20-684-08
9	20-684-09

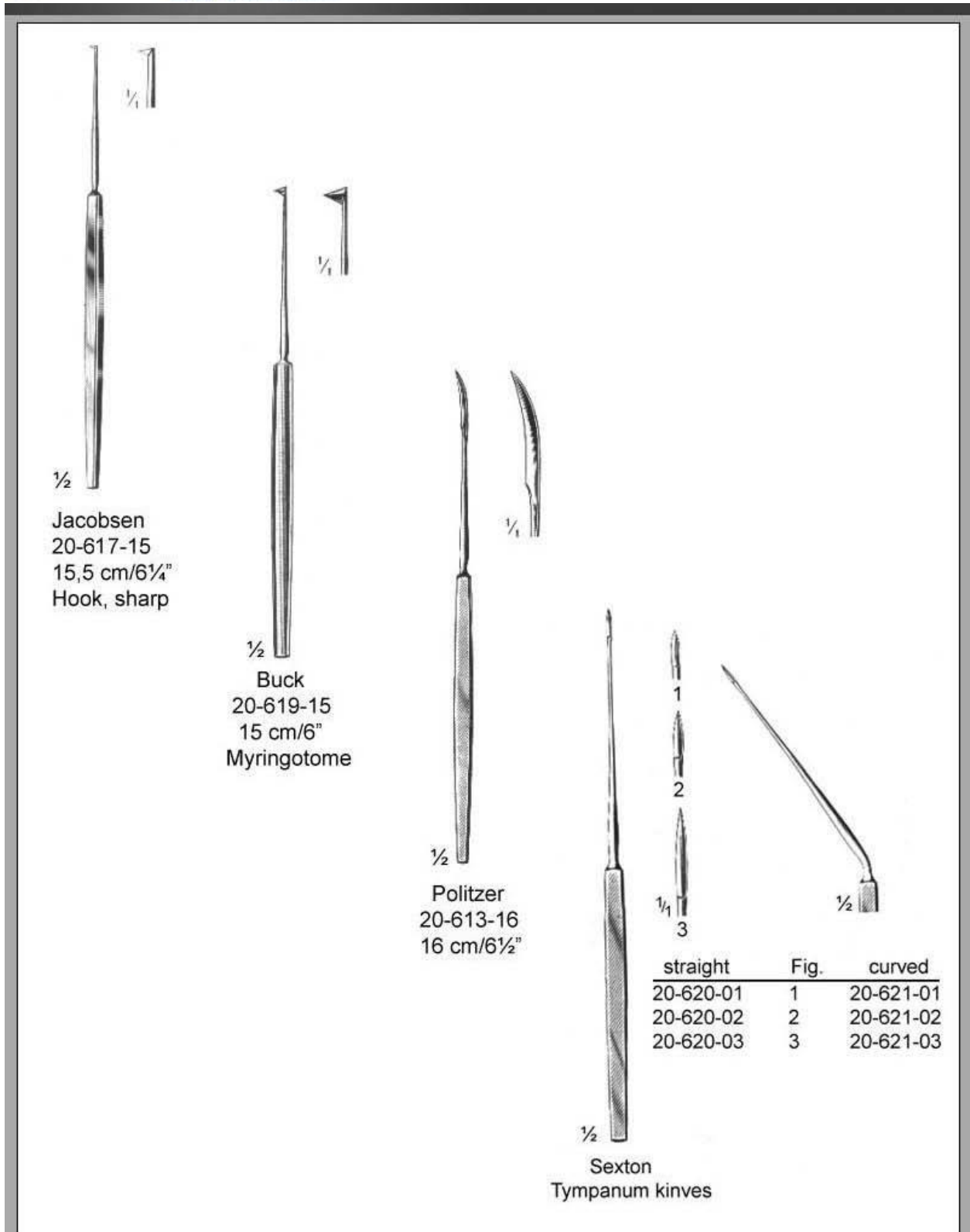


1/2
Sprague
20-685-01
19 cm/7 1/2"



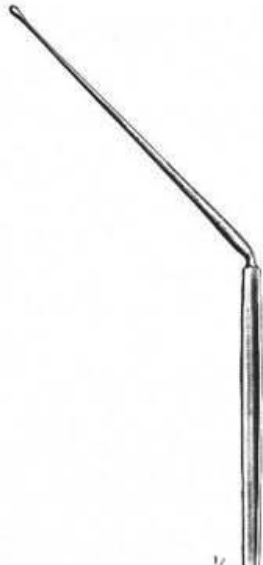








1/2
 Holz
 20-590-14
 13,5 cm/5 1/2"
 Probes



1/2
 Troeltsch
 20-591-20
 20 cm/8"
 Probes



1/2
 Yankauer
 20-593-16
 16 cm/6 1/2"



1/2
 Lucae
 20-595-19
 19 cm/7 1/2"



1/2
 Muck
 20-600-13
 13,5 cm/5 1/2"
 Periosteal knife



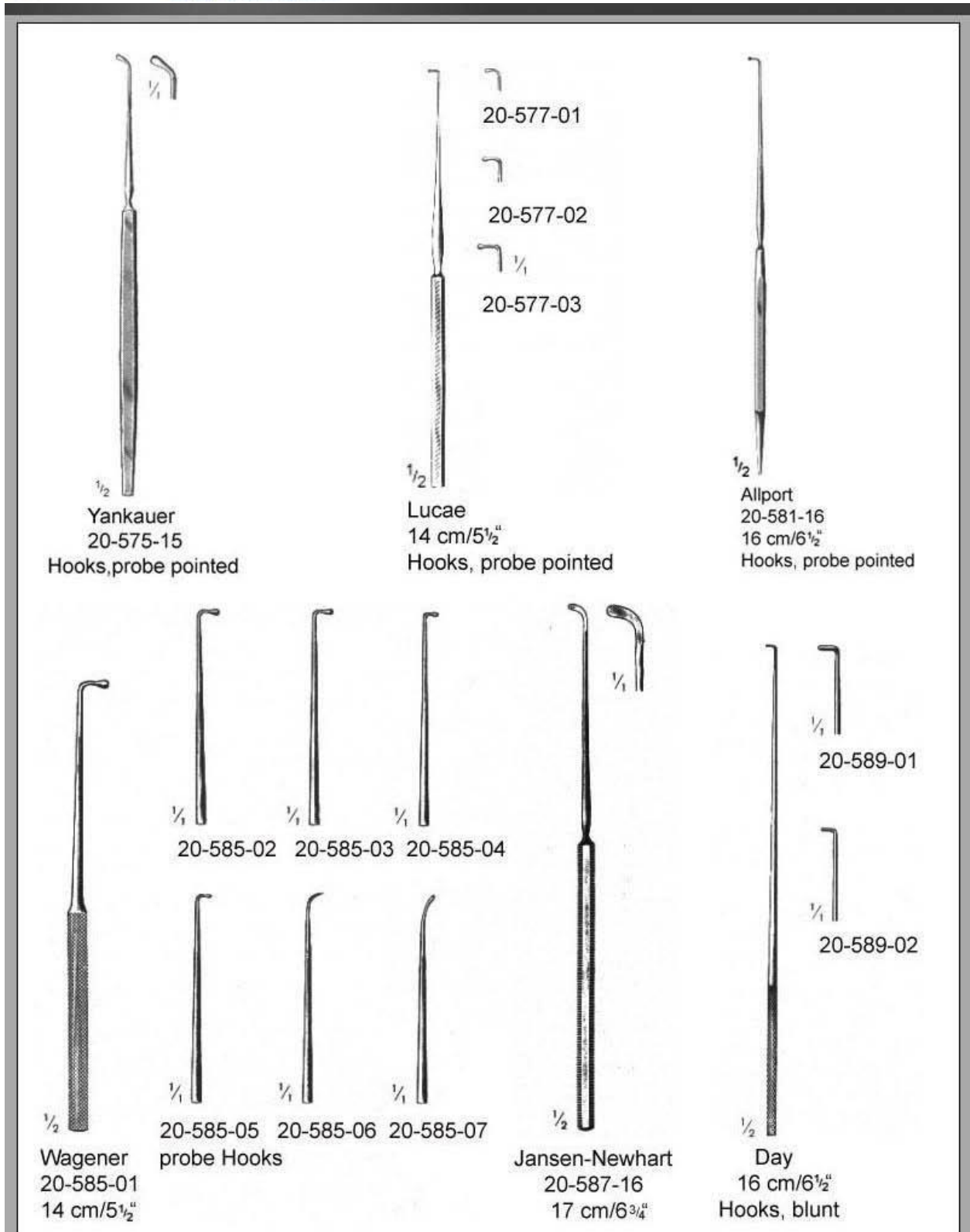
1/2
 Politzer
 20-602-13
 13,5 cm/5 1/2"
 Mastoid knife

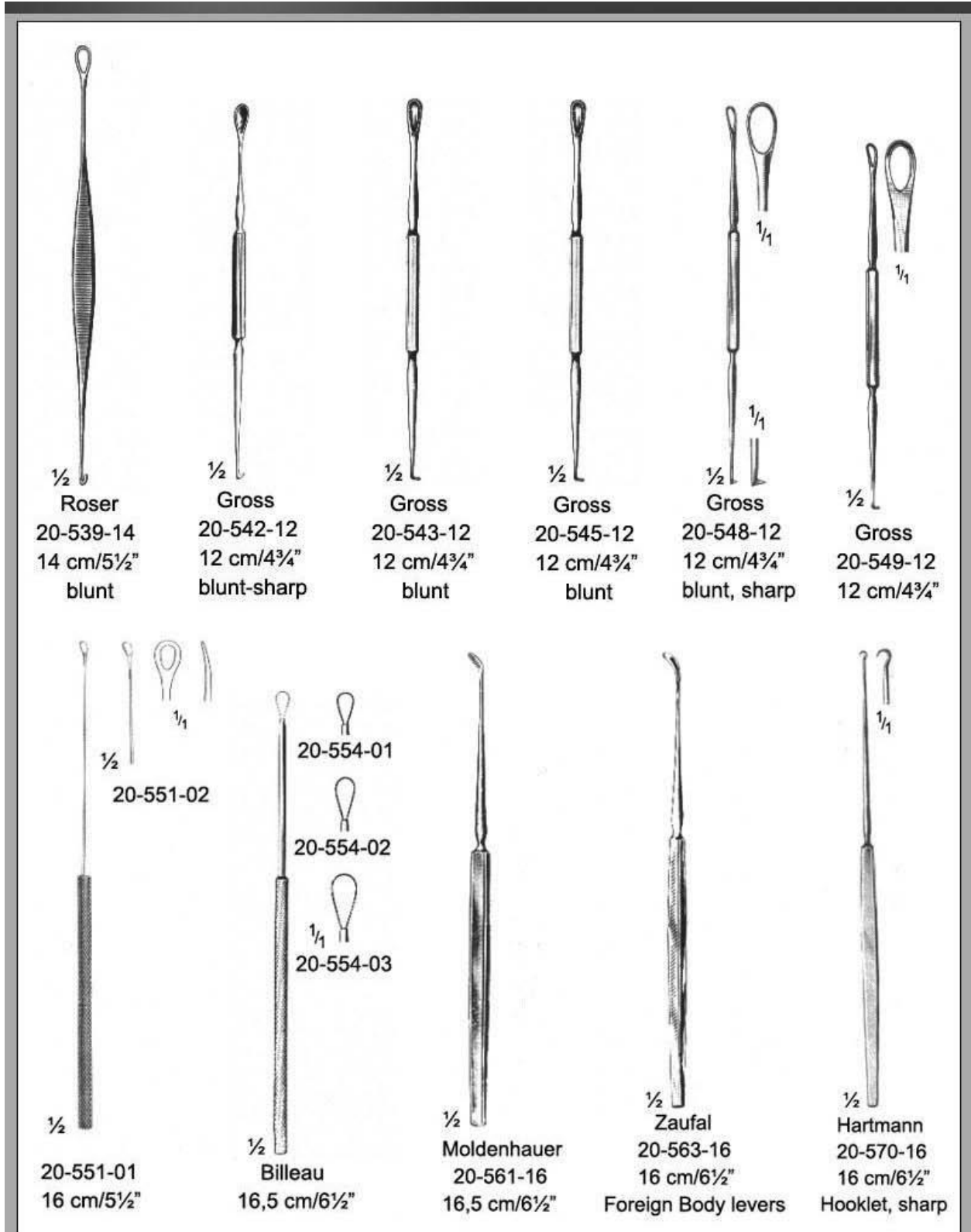


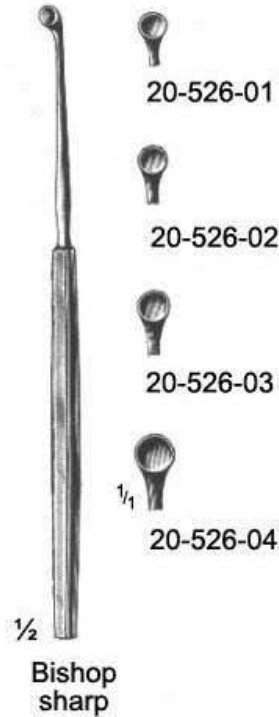
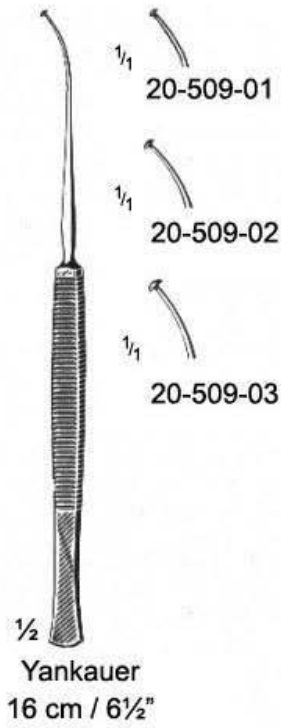
1/2
 Bruehl
 20-606-15
 15 cm/6"
 Plastic knives for the
 auditory canal

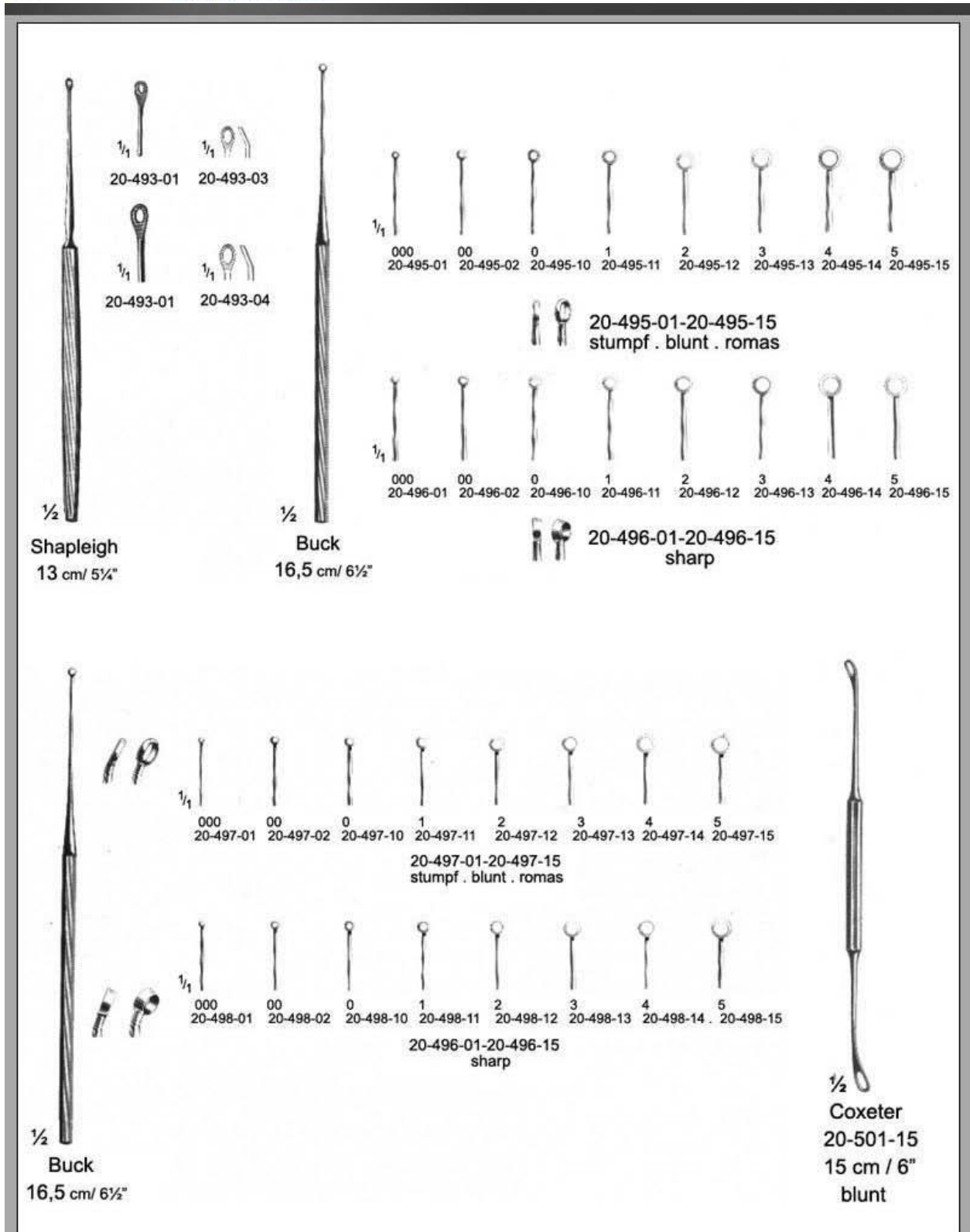


1/2
 Bruehl
 20-607-15
 15 cm/6"
 Plastic knives for the
 auditory canal











20-917-17
 16,5 cm/ 6½"



20-919-17
 16,5 cm/ 6½"



20-921-17
 16,5 cm/ 6½"



20-923-17
 16,5 cm/ 6½"



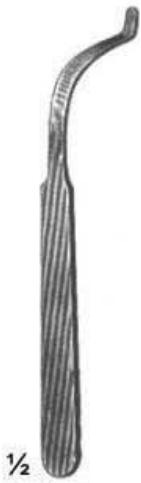
20-925-17
 16,5 cm/ 6½"



20-927-17
 16,5 cm/ 6½"



20-929-17
 16,5 cm/ 6½"



$\frac{1}{2}$
Stacke
 20-485-12
 12 cm/ 4 $\frac{3}{4}$ "
 Protector and Guide



$\frac{1}{4}$
Langenbeck
 20-491-13
 12 cm/ 5 $\frac{1}{4}$ "



$\frac{1}{4}$
 20-903-17
 16,5 cm/ 6 $\frac{1}{2}$ "



$\frac{1}{4}$
 20-905-17
 16,5 cm/ 6 $\frac{1}{2}$ "



$\frac{1}{4}$
 20-907-17
 16,5 cm/ 6 $\frac{1}{2}$ "



$\frac{1}{4}$
 20-909-17
 16,5 cm/ 6 $\frac{1}{2}$ "



$\frac{1}{4}$
 20-911-17
 16,5 cm/ 6 $\frac{1}{2}$ "



$\frac{1}{4}$
 20-913-17
 16,5 cm/ 6 $\frac{1}{2}$ "



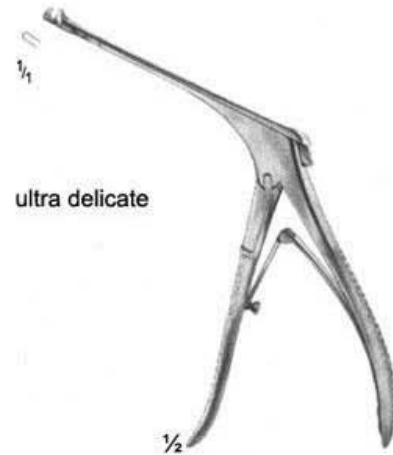
$\frac{1}{4}$
 20-915-17
 16,5 cm/ 6 $\frac{1}{2}$ "



Citelli
20-461-17

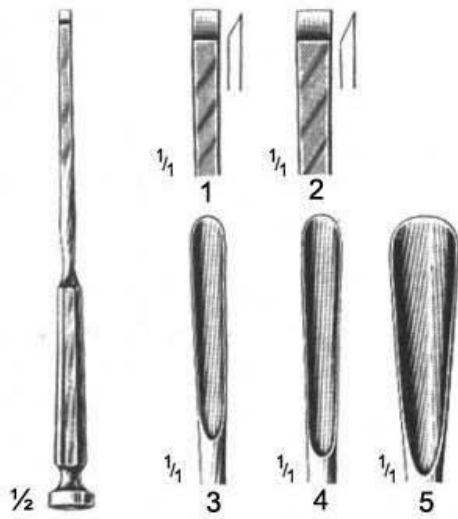


Beyer
20-463-19



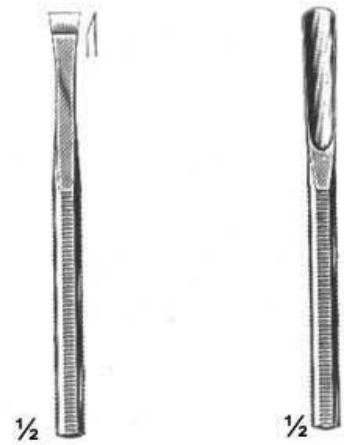
ultra delicate

Beyer
20-466-14



Fischer
12,5 cm / 5"

Fig.	Width mm	
1	4	20-470-04
2	5	20-470-05
3	4	20-471-04
4	5	20-471-05
5	9	20-471-09



Schwartz
11 cm / 4 1/2"


chisels	width mm	gouges
20-478-03	3	20-479-03
20-478-04	4	20-479-04
20-478-05	5	20-479-05
20-478-06	6	20-479-06
20-478-08	8	20-479-08

Hartmann
1:2




L		$\frac{1}{4}$
cm	in.	
8,5	3½	20-431-08
14	5½	20-431-14

Hartmann-Noyes




L		$\frac{1}{4}$
cm	in.	
9	3½	20-431-08

Hartmann-Noyes
1:2



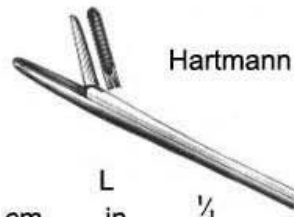
L		$\frac{1}{4}$
cm	in.	
9	3½	20-435-09

Hartmann-Weingartner




L		Fig.1
cm	in.	
8,5	3½	20-436-08

Hartmann



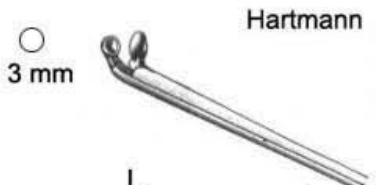
L		$\frac{1}{4}$
cm	in.	
8,5	3½	20-440-08

Hartmann



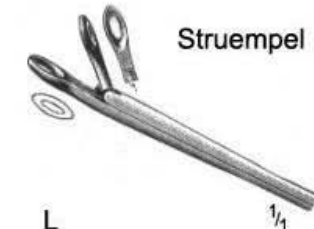
L		$\frac{1}{4}$	mm ø	
cm	in.			
8,5	3½		2	20-442-81
			2,5	20-442-82
			3	20-442-83

Hartmann



L		$\frac{1}{4}$
cm	in.	
8,5	3½	20-445-08

Struempel



L		$\frac{1}{4}$
cm	in.	
8,5	3½	20-448-08

Hartmann



L		$\frac{1}{4}$
cm	in.	
8,5	3½	20-450-08

Punch action through-cutting,
also for foreign bodies

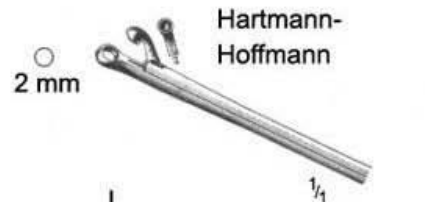
Hartmann



L		$\frac{1}{4}$
cm	in.	
8,5	3½	20-454-08

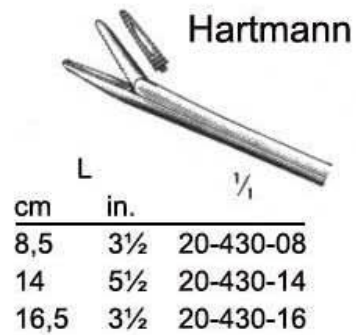
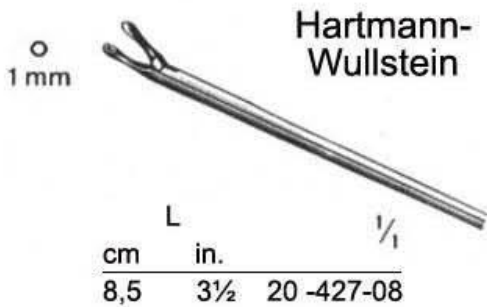
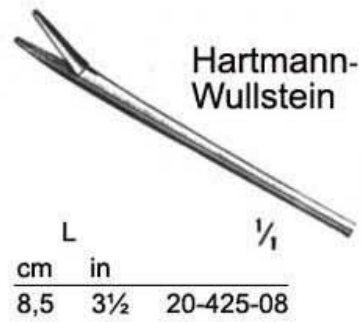
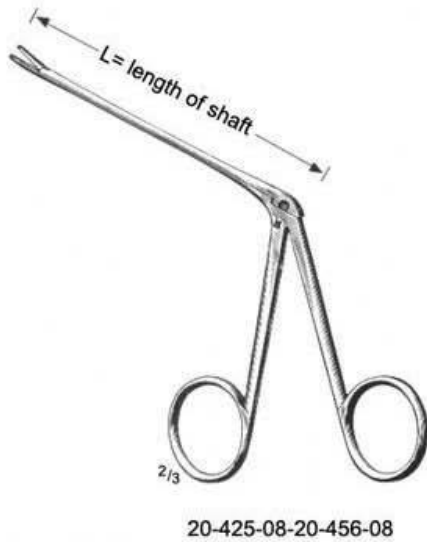
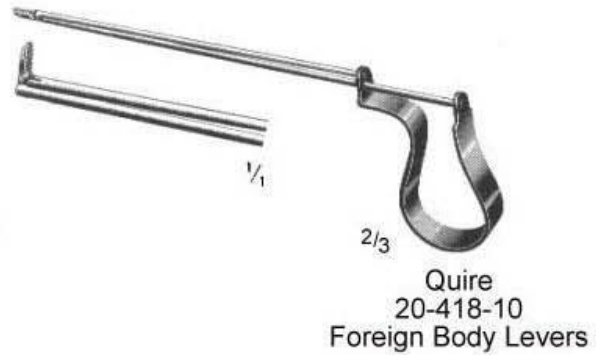
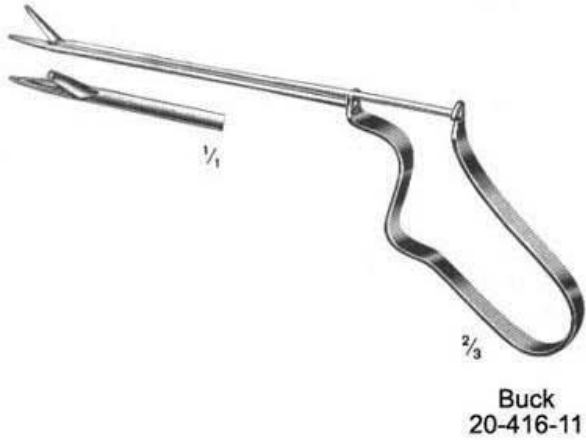
Punch action through-cutting,
also for foreign bodies

Hartmann-Hoffmann



L		$\frac{1}{4}$
cm	in.	
8,5	3½	20-456-08

Punch action through-cutting,
also for foreign bodies

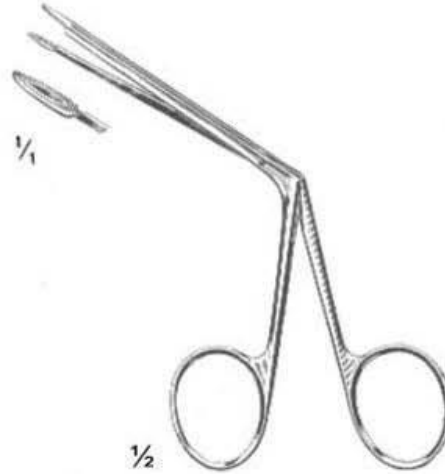




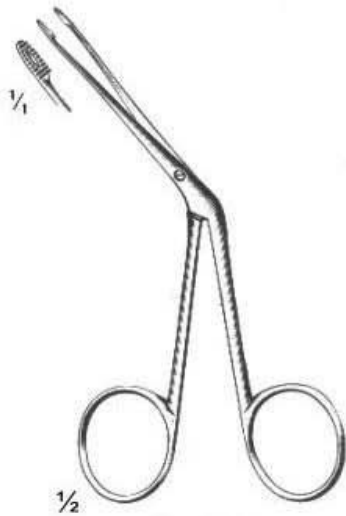
Lucae
 20-391-14
 14 cm / 5½"



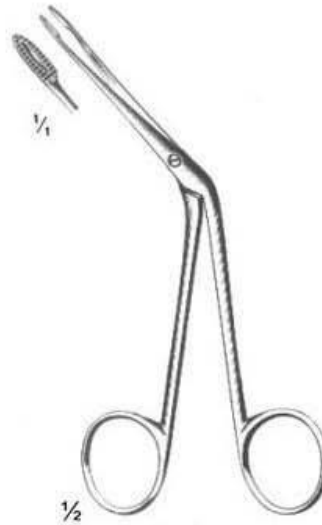
Jansen
 20-395-16 = 16 cm / 6¼"
 20-395-20 = 20 cm / 8"



Littauer
 20-401-12
 12 cm / 4¾"



Hartmann
 20-405-12
 12 cm / 4¾"
 fine pattern



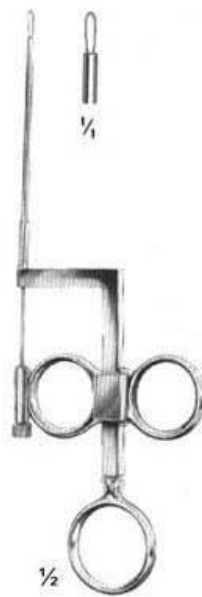
Hartmann
 20-407-14
 14 cm / 5½"
 normales Modell
 standard pattern



$\frac{1}{2}$
Krause
 20-351-16
 Ear Polypus Snare



$\frac{1}{2}$
Krause-Voss
 20-353-16
 Ear Polypus Snare



$\frac{1}{2}$
Lange-Wilde
 20-355-17
 Ear Polypus Snare

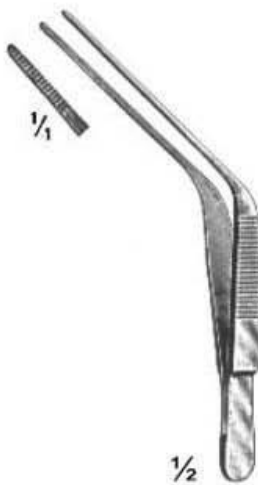


mm \varnothing	
0,3	20-358-30
0,4	20-358-40

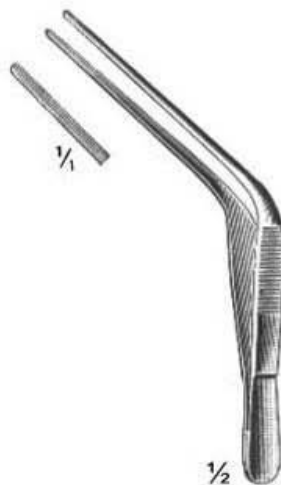


mm \varnothing	
0,2	20-359-20
0,3	20-359-30

Steel Wire for ear snares
 Steel wire for ear snares
 pre-shaped, in bundles
 of 1 dozen each



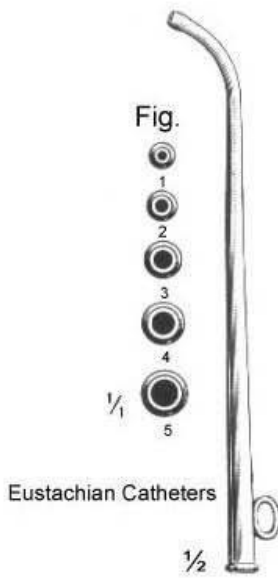
$\frac{1}{2}$
Troeltsch (wilde)
 20-371-11
 11 cm/ 4 1/2"



$\frac{1}{2}$
Troeltsch (wilde)
 20-375-12
 12 cm/ 4 1/2"



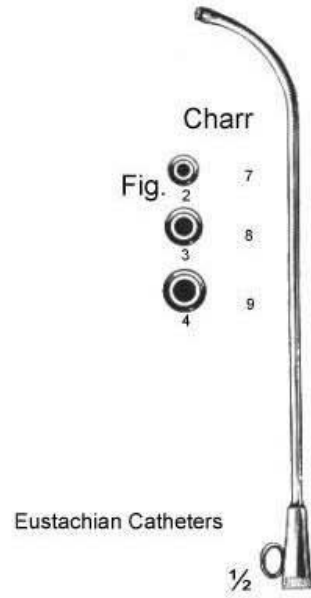
$\frac{1}{2}$
Troeltsch (wilde)
 20-381-13
 12 cm / 5"



Eustachian Catheters

Fig. Itard

1	20-327-01
2	20-327-02
3	20-327-03
4	20-327-04
5	20-327-05



Eustachian Catheters

Fig. Hartmann

Hartmann		Charriere
2	20-331-02	7
3	20-331-03	8
4	20-331-04	9
5		



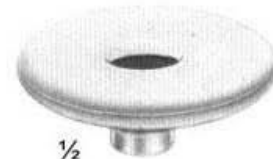
1/2
Galton
20-300-00
whistle, with rubber bulb



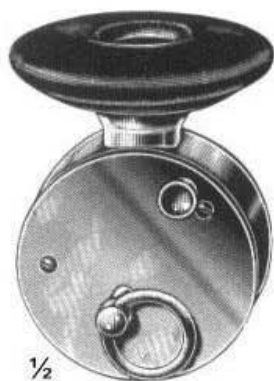
1/2
Barany
20-304-00
Noise Apparatus, Plain



1/2
20-304-01
Ansatz allein
Tip only
Adaptador suelto



1/2
20-306-01
Gummi allein
Rubber only



1/2
Barany
20-306-00
ditto, with bell-mouth and inter-
changeable rubber pad

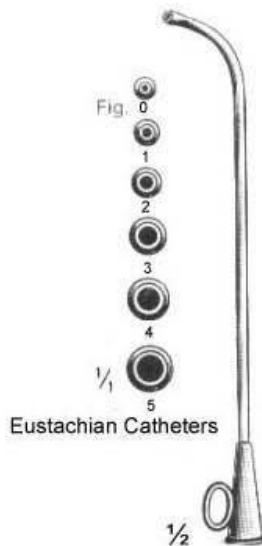


Fig. 0
1
2
3
4
1/1 5
Eustachian Catheters

Fig.	Hartmann
0	20-321-00
1	20-321-01
2	20-321-02
3	20-321-03
4	20-321-04
5	20-321-05

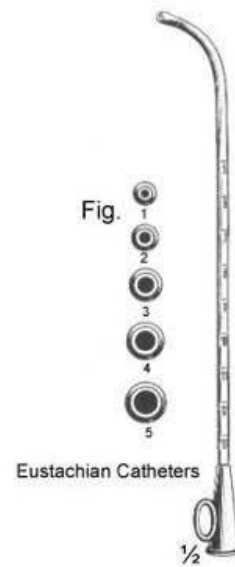
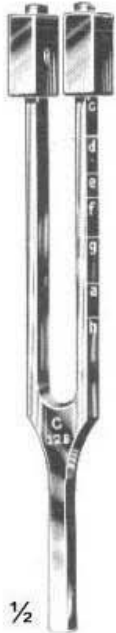
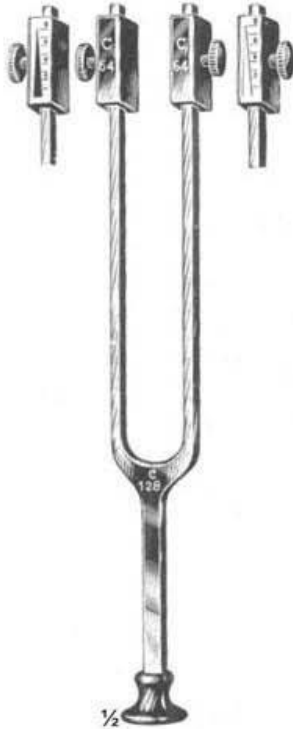


Fig. 1
2
3
4
5
Eustachian Catheters

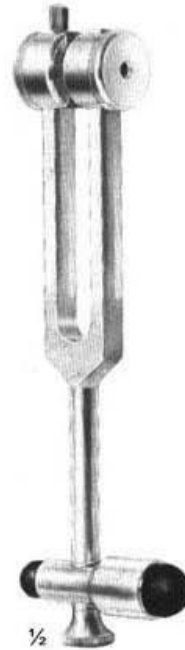
Fig.	Hartmann
1	20-325-01
2	20-325-02
3	20-325-03
4	20-325-04
5	20-325-05



1/2
Hartmann
20-222-10
c 128
Variable up to h (=Engl.b)



1/2
Rydel-Seiffer
20-224-10
c 64/ c 128
also for neurology



20-226-00
Tuning Fork for neurological
examination, with percussion
hammer, pinwheel, brush, and needle



1/2
koenig
20-230-59
A 109
Variable up to g



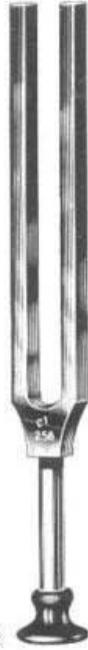
1/2
20-234-61
a¹ 440



1/2
Hartmann
20-200-15
c⁵ 2096



1/2
Lucae
20-210-10
c 128



1/2
Lucae
20-212-11
c¹ 256



1/2
Lucae
20-214-12
c² 512



1/2
Lucae
20-216-13
c³ 1024



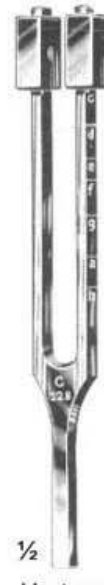
1/2
Lucae
20-218-14
c⁴ 2048



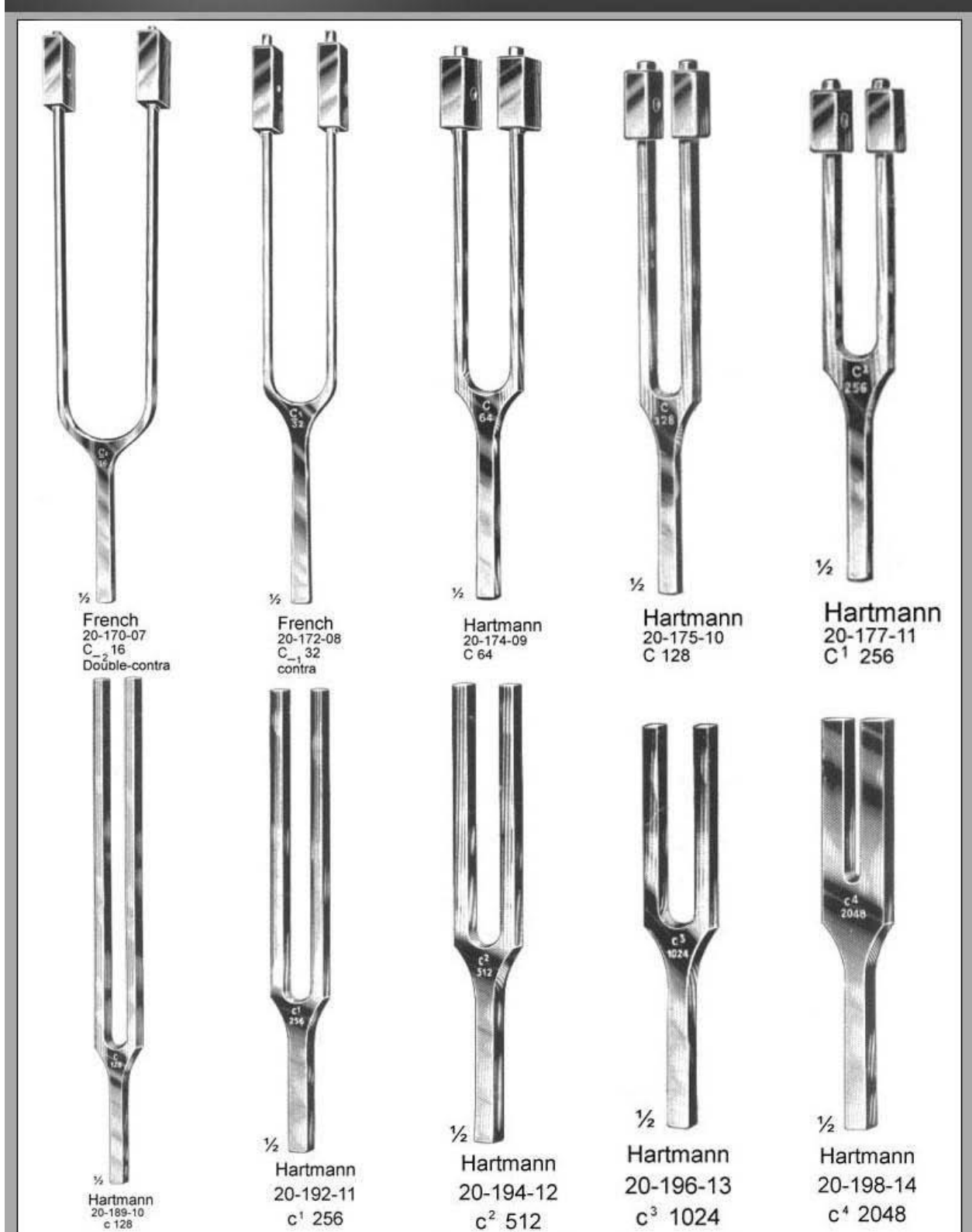
1/2
Lucae
20-220-15
c⁵ 4096

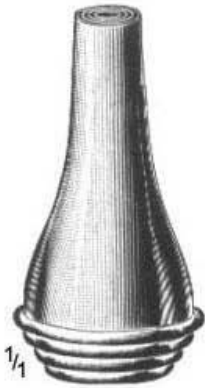


1/2
Lucae
20-221-10
c 128
Variable up to h (=Engl.b)



1/2
Hartmann
20-222-10
c 128
Variable up to h (=Engl.b)





mm Ø
 ① = 4,5
 20-124-11
 ② = 5,5
 20-124-12
 ③ = 6,5
 20-124-13
 ④ = 7,5
 20-124-14

Gruber
 for adults
 pieces fig.

3	2-4	20-124-03
4	1-4	20-125-04



mm Ø
 ① = 4,5
 20-126-11
 ② = 5,5
 20-126-12
 ③ = 6,5
 20-126-13
 ④ = 7,5
 20-126-14

Gruber
 for adults
 pieces fig.
 set of

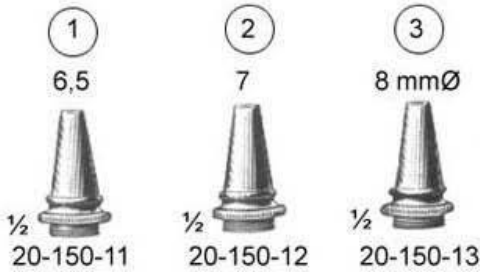
3	2-4	20-126-03
4	1-4	20-127-04



mm Ø
 ① = 9
 20-130-11
 ② = 11
 20-130-12

Hartmann
 for postoperative treatment
 pieces fig.

2	1-2	20-130-02
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1
 6,5
 20-150-11

2
 7
 20-150-12

3
 8 mm Ø
 20-150-13

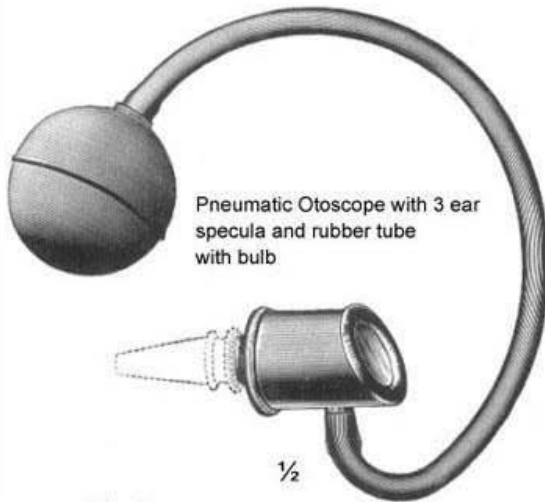


1
 6,5
 20-457-11

2
 7
 20-457-12

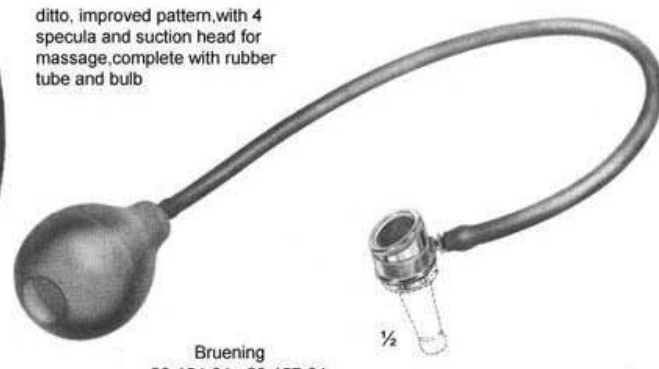
3
 8
 20-457-13

4
 9
 20-457-14



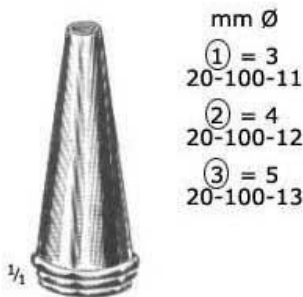
Pneumatic Otoscope with 3 ear specula and rubber tube with bulb

Siegle
 20-150-03



ditto, improved pattern, with 4 specula and suction head for massage, complete with rubber tube and bulb

Bruening
 20-154-04 - 20-157-04



mm Ø
 ① = 3
 20-100-11
 ② = 4
 20-100-12
 ③ = 5
 20-100-13

Troeltsch
 for babies
 set of _____
 pieces fig
 3 1-3 20-200-03



mm Ø
 ① = 6
 20-102-11
 ② = 7
 20-102-12
 ③ = 8
 20-102-13

Troeltsch
 for adults
 pieces fig
 3 1-3 20-102-03



mm Ø
 ① = 3
 20-104-11
 ② = 4,5
 20-104-12
 ③ = 5,5
 20-104-13
 ④ = 6,5
 20-104-14

Poltzer
 for adults
 pieces fig
 3 2-4 20-104-03
 4 1-4 20-105-04



mm Ø
 ○ = 3

Hartmann
 20-112-10
 for babies



mm Ø
 ① = 3
 20-112-10
 ① = 4,5
 20-112-11
 ② = 5,5
 20-112-12

Hartmann
 for children
 pieces fig.
 3 0-2 20-112-03



mm Ø
 ① = 4,5
 20-112-11
 ② = 5,5
 20-112-12
 ③ = 6,5
 20-112-13
 ④ = 7,5
 20-112-14

Hartmann
 for adults
 pieces fig.
 3 2-4 20-114-03
 4 1-4 20-115-04



mm Ø
 ① = 4,5
 20-118-11
 ② = 5,5
 20-118-12
 ③ = 6,5
 20-118-13
 ④ = 7,5
 20-118-14

Toynbee
 for adults
 pieces fig.
 3 2-4 20-118-03
 4 1-4 20-119-04



mm Ø
 ○ = 4,5

Hartmann
 20-112-11
 for children



mm Ø
 ① = 4,5
 20-122-11
 ② = 5,5
 20-122-12
 ③ = 6,5
 20-122-13

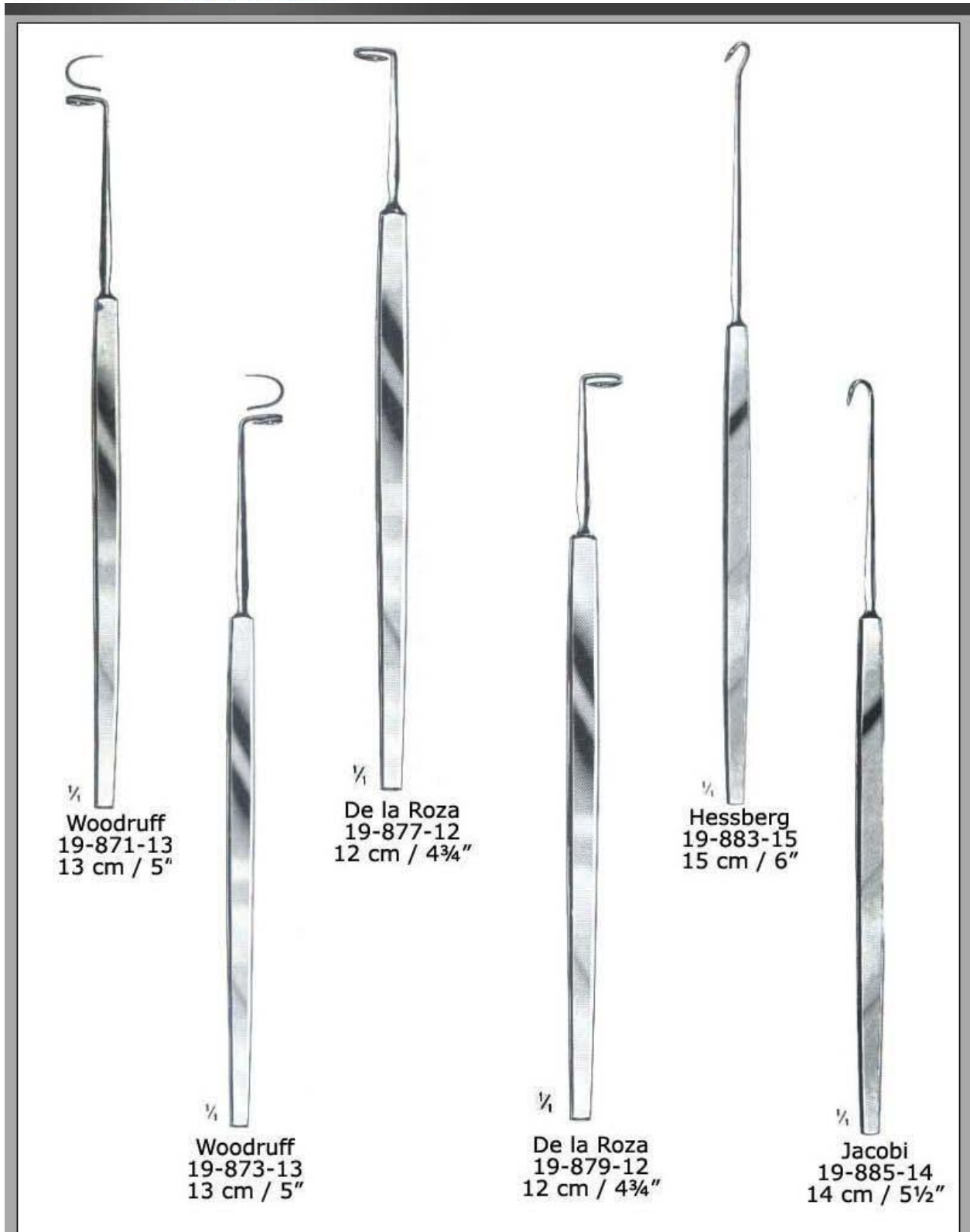
Erhardt
 for adults
 set of
 pieces fig.
 3 1-3 20-122-03



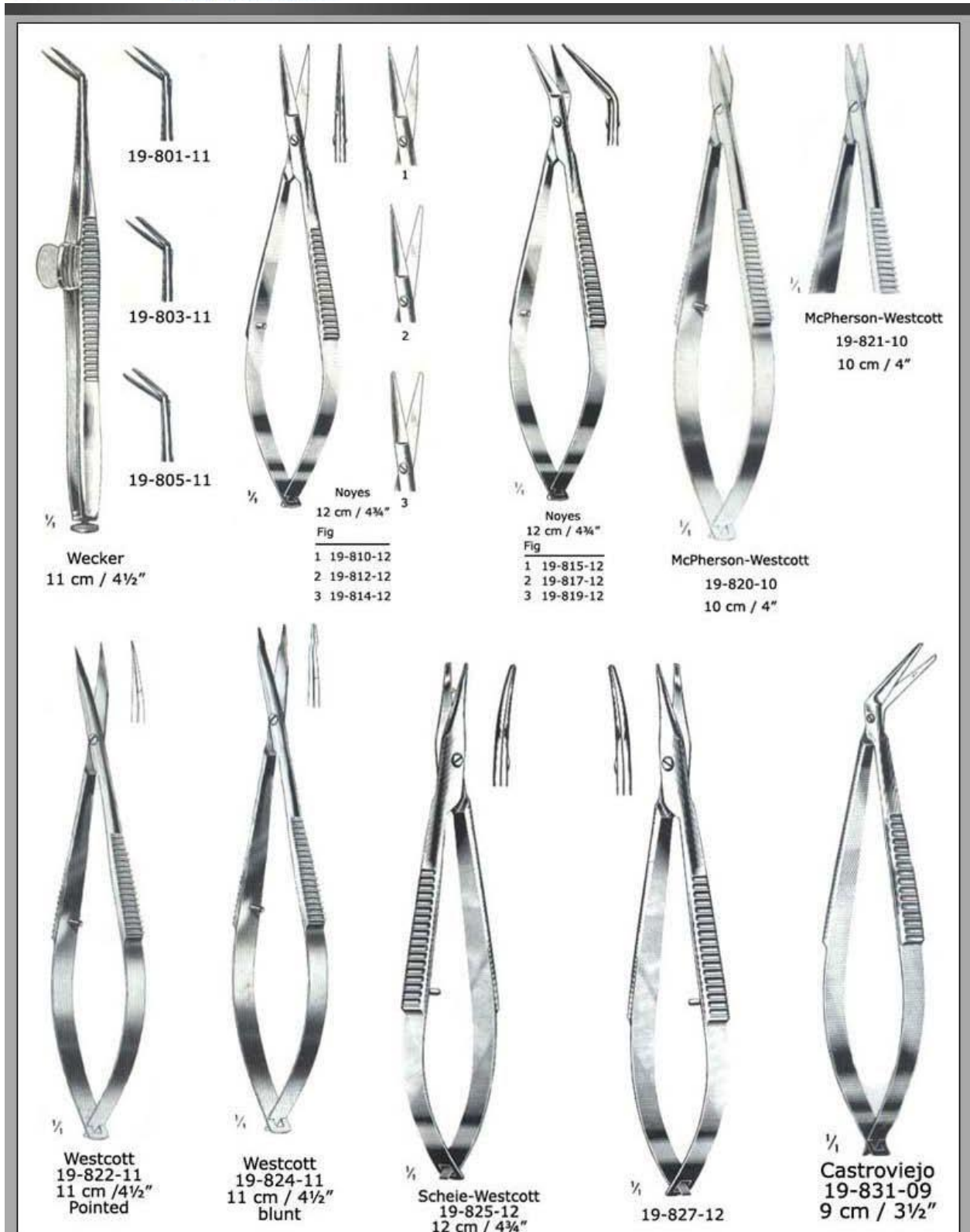
$\frac{1}{4}$
Mod. Heidelberg
19-888-17
17 cm / 7"
Swab Holder, with serrated jaws



$\frac{1}{4}$
19-889-18
18 cm / 7½"
ditto.jaw with 1:2 teeth









Troutman-Castroviejo
 19-771-10 19-773-10
 10,5 cm / 4" 10,5 cm / 4"
 right left



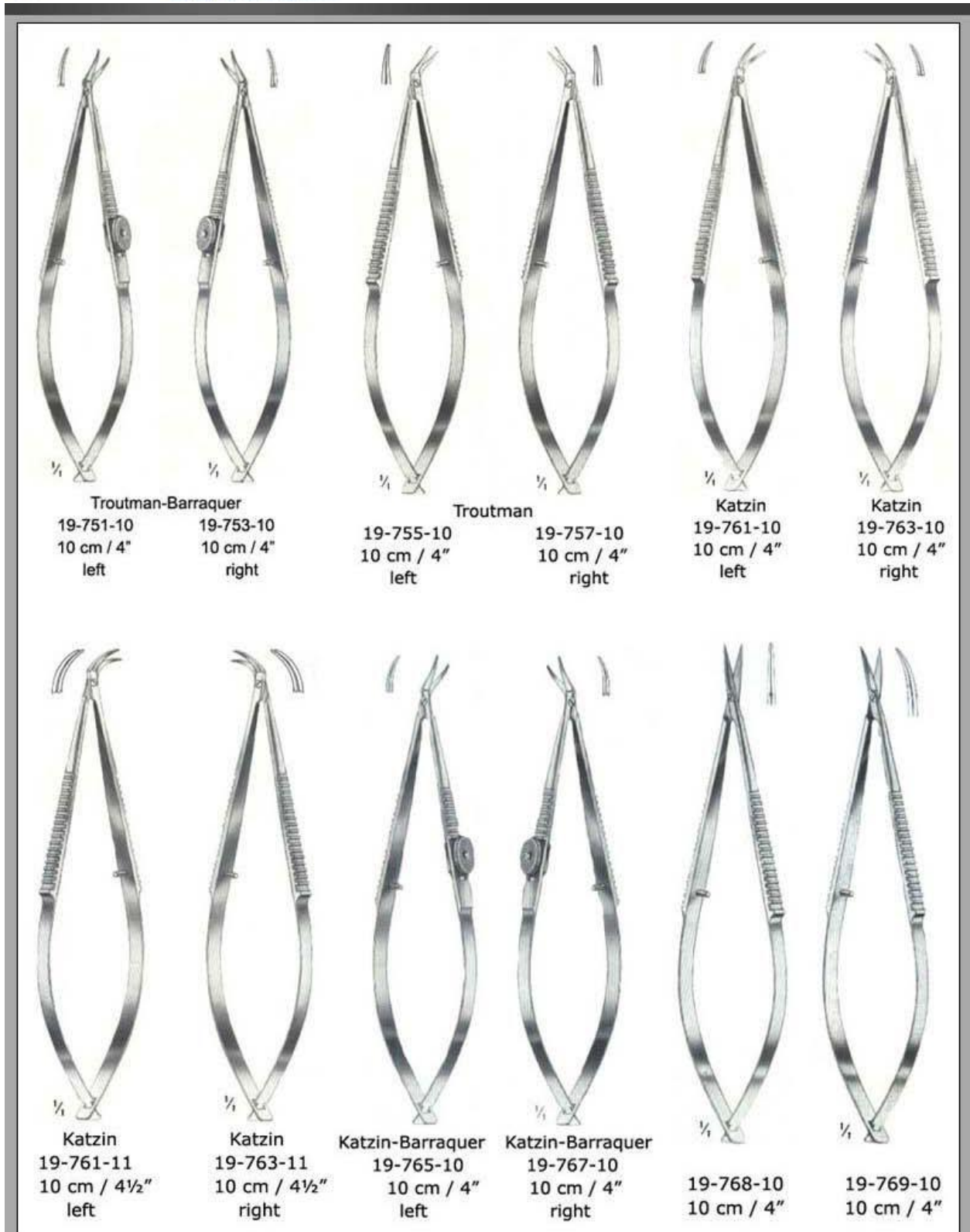
$\frac{1}{4}$
 Castroviejo
 19-775-10
 10 cm / 4"

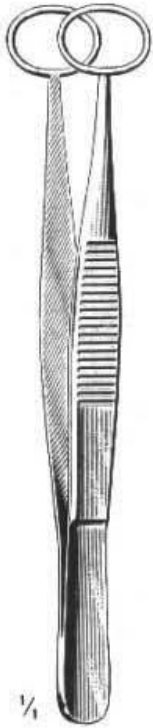


$\frac{1}{4}$
 Castroviejo
 19-777-10
 10 cm / 4"



$\frac{1}{4}$
 Aebli
 19-779-10
 10 cm / 4"

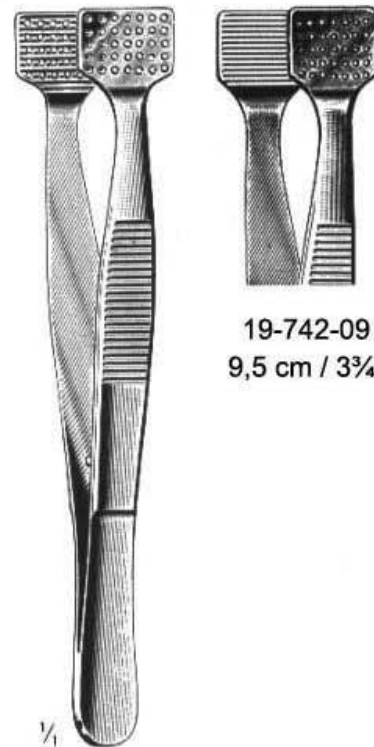




Trachoma Forceps
 Prince
 19-730-09
 9 cm / 3½"



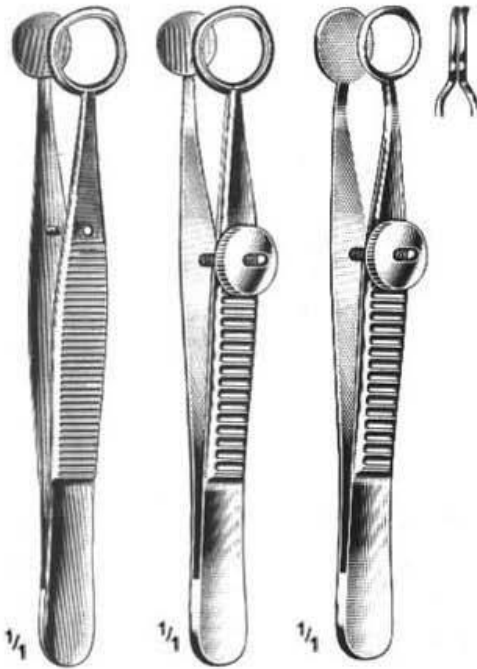
Knapp
 19-732-11
 11 cm / 4½"
 Trachoma Forceps



Kuhnt
 19-740-09
 9,5 cm / 3¾"
 Expression Forceps



19-742-09
 9,5 cm / 3¾"



Ayer
19-700-09
9 cm / 3½"

Ayer
19-702-09
9 cm / 3½"

Lambert
19-706-09
9 cm / 3½"



Cauver
19-708-10
10 cm / 4"



Lordan
19-711-09
9 cm / 2½"



Desmarres
19-714-09 19-718-09
9 cm / 3½"



19-714-09

19-716-09

19-718-09



Weaver
19-724-10
10 cm / 4"



**Mod. Tubingen
Suture Forceps**
19-725-10
10 cm / 4"



Suture Forceps
19-726-08
8,5 cm / 3½"



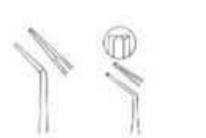
**Paufigue
Suture Forceps**
19-726-10
10 cm / 4"



**Barraquer modif
suture Forceps**
19-727-10
10,5 cm / 4"



Mc Pherson
19-728-10
10 cm / 4"

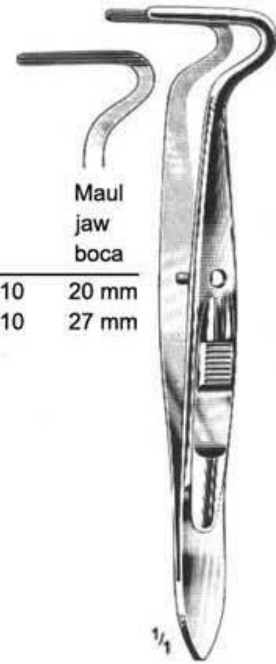


Mc Pherson
19-728-08
7,5 cm / 3"



Blascovics
19-677-09
9 cm / 3 1/2"

Muscular Forceps (Ptosis Forceps)



Maul
jaw
boca

19-679-10	20 mm
19-681-10	27 mm

Berke
10 cm / 4"



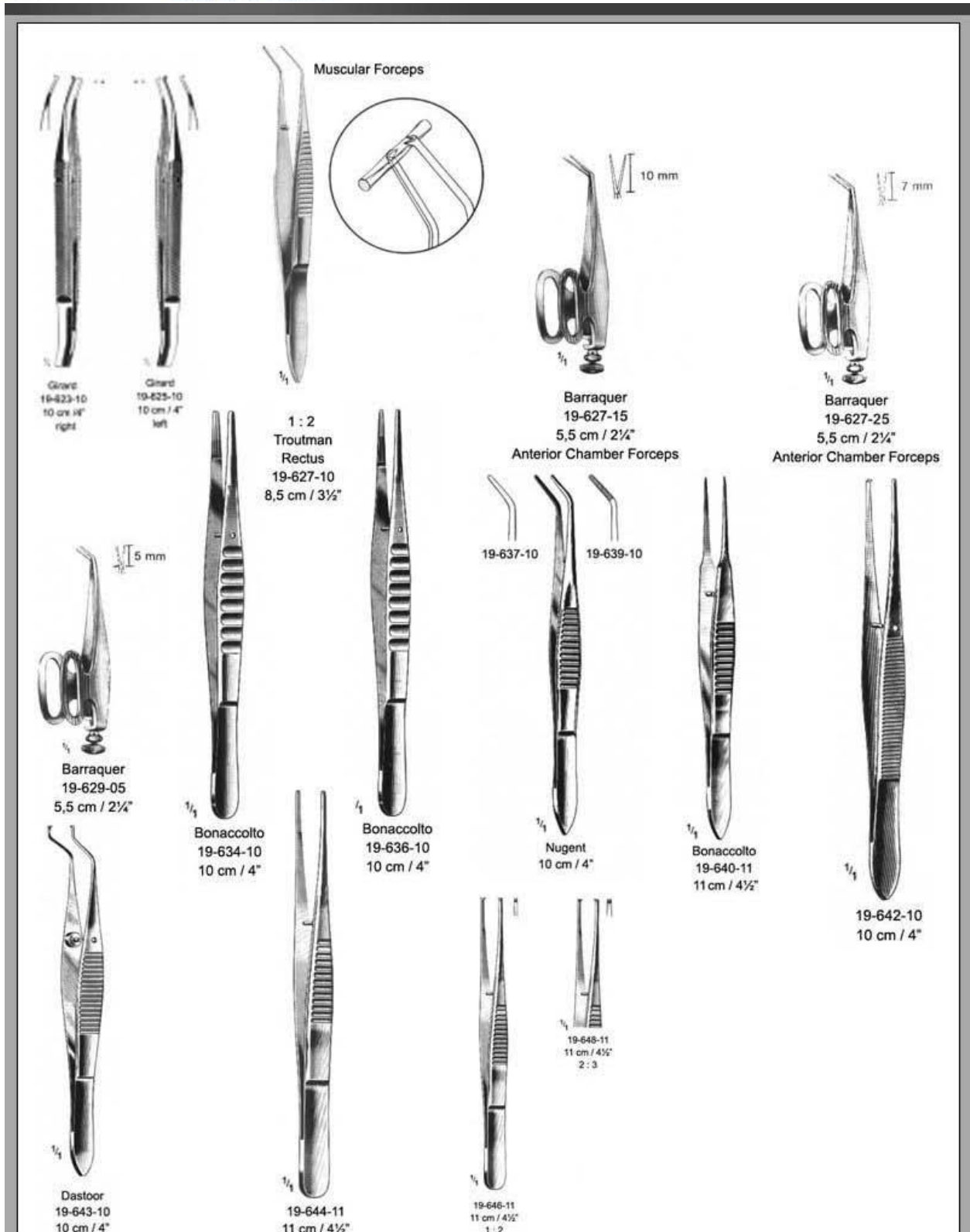
Fink-Jameson
19-683-10
10 cm / 4"

Muscular Forceps (Ptosis Forceps)



Berens
19-685-10
10 cm / 4"
Muscular Clamp







Schimidt-Rchimidt
19-596-11
11 cm / 4½"



Lester
19-600-09 = 1 : 2
19-602-09 = 2 : 3
9 cm / 3½"



Falcao
19-604-10
10 cm / 4"



Guist
19-606-10
10,5 cm / 4¼"



Guist
19-608-10
10,5 cm / 4¼"



Kronfeld
19-610-08
18 cm / 3¾"



Kronfeld (Panas)
19-612-08
18 cm / 3¾"



Moorfield
19-614-10
10 cm / 4"



Dastoor
19-616-10
10 cm / 4"



Castroviejo
10 cm / 4"
width of teeth straight

0,12 mm	19-618-01
0,3 mm	19-618-03
0,5 mm	19-618-05
1,0 mm	19-618-10
1,5 mm	19-618-15



Castroviejo
10 cm / 4"
curved

0,5 mm	19-619-05
1,0 mm	19-619-10
1,5 mm	19-619-15



Castroviejo
19-620-09
9 cm / 3½"



1/4
Elschnig
19-586-11
11 cm / 4 1/2"



1/4
Elschnig
19-588-11
11 cm / 4 1/2"



1/4
19-592-11
11 cm / 4 1/2"
2 : 3



1/4
19-594-11
11 cm / 4 1/2"
3 : 4



Dermot-Pierdse
19-744-02
8 cm / 3 1/4"
0,2 mm



Dermot-Pierdse
19-745-02
8 cm / 3 1/4"
0,2 mm



Dermot-Pierdse
19-748-02
8 cm / 3 1/4"
0,2 mm



Dermot-Pierdse
19-748-03
8 cm / 3 1/4"
0,3 mm



Dermot-Pierdse
19-748-04
8 cm / 3 1/4"
0,4 mm



Dermot Pierdse
(Colibri)
19-749-02
8 cm / 3 1/4"
0,2 mm



Dermot Pierdse
(Colibri)
19-749-03
8 cm / 3 1/4"
0,3 mm



Dermot Pierdse
(Colibri)
19-749-04
8 cm / 3 1/4"
0,4 mm



Verhoeff
19-535-08
8 cm / 3¼"



Clark-Verhoeff
19-539-11
11 cm / 1½"



Dastoor
19-545-06
6 cm / 2½"



Grarfe
19-550-11
11 cm / 4½"
without spring catch
19-552-11



Episcleral Forceps
19-564-10
10 cm / 4"



Castroviejo
19-566-09
9 cm / 3½"



Castroviejo
19-567-09
9 cm / 3½"



Castroviejo
19-568-09
9 cm / 3½"



Castroviejo
19-569-09
9 cm / 3½"



Green
19-576-05-19-578-10
10 cm / 4"

wide without spring catch
5 mm 19-576-05
10 mm 19-579-10
wide without spring catch
5 mm 19-578-05
10 mm 19-578-10



Barraquer-Lovers
19-584-09
9 cm / 3½"



Green
19-576-05-19-578-10
10 cm / 4"

wide without spring catch
5 mm 19-576-05
10 mm 19-579-10
wide without spring catch
5 mm 19-578-05
10 mm 19-578-10



Choyce
19-532-10
10 cm / 4"

without Irrigator



Binkhorst
19-533-07
7 cm / 2 3/4"



McPherson
19-533-20



McPherson
19-533-30



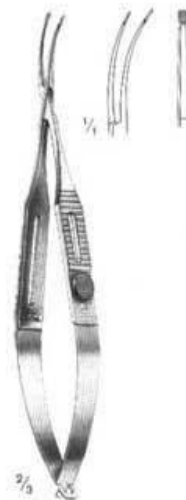
Hieschmann
19-533-40
with Irrigator
19-533-50
without Irrigator



Galin
19-533-60
with Irrigator
19-533-65
40° angled, with Irrigator
19-533-70
without Irrigator
19-533-75
40° angled, with Irrigator



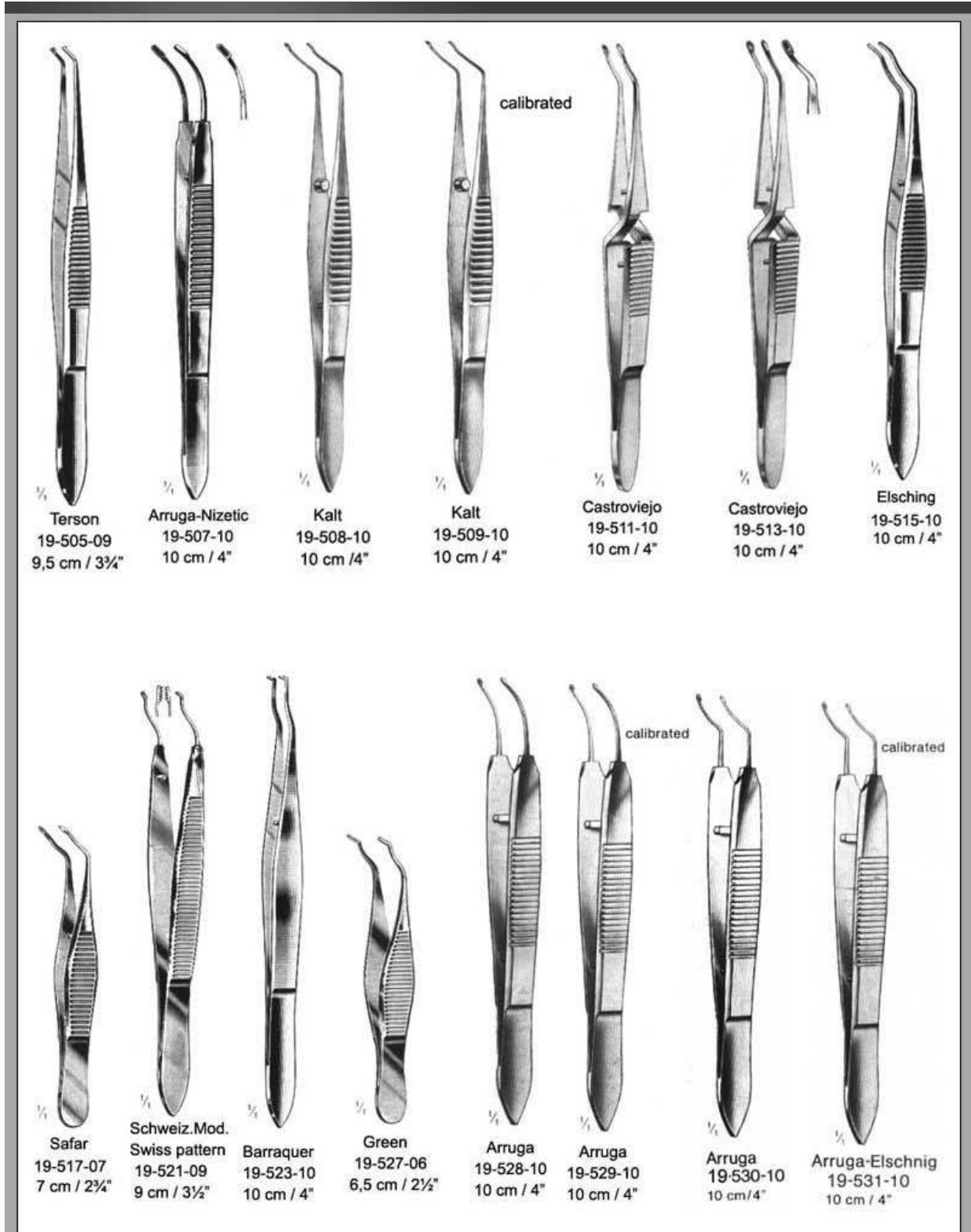
Clayman
19-533-80
with Irrigator
19-533-90
without Irrigator



Shepard
19-534-10
with Irrigator
19-534-20
without Irrigator



Shepard II
19-534-50
with Irrigator
19-534-60
without Irrigator





Terson
19-467-09
9 cm / 3½"



Schweigger
19-473-10
10 cm / 4"



Schweigger
19-475-10
10 cm / 4"



Foerster
19-479-10
10 cm / 4"



Stock
19-483-09
9,5 cm / 3¾"



Elschnig
19-487-10
10 cm / 4"



19-493-06
6 cm / 2½"



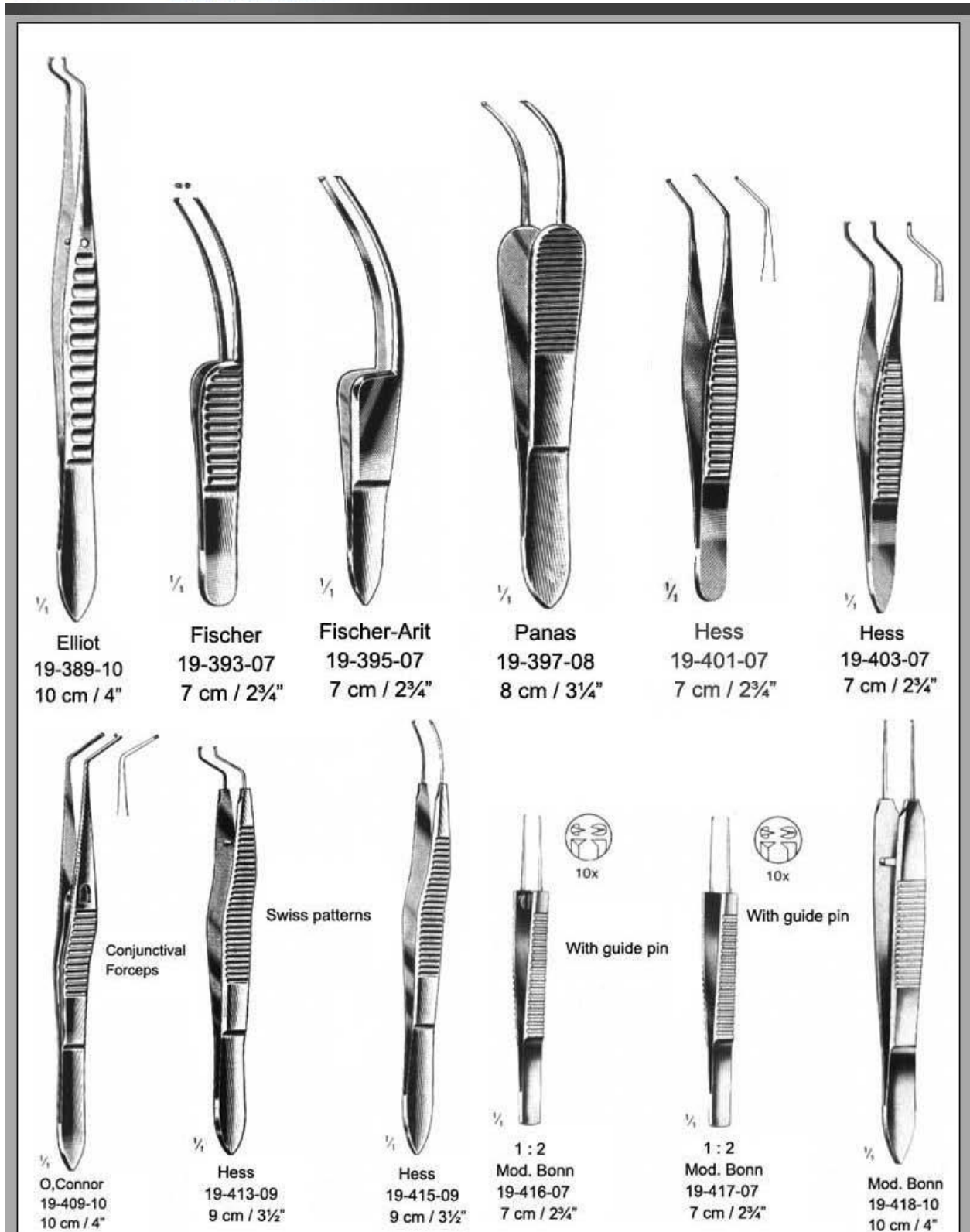
Hess
19-497-06
6 cm / 2½"



Hess
19-499-06
6,5 cm / 2½"



Fuchs
19-501-07
7 cm / 2¾"





Stevens
 10½" cm / 4½"



19-370-10



19-371-10



19-373-10



19-374-10



19-375-10



19-377-10



Stenens
 19-378-11
 11 cm / 4½"



Stenens
 19-379-11
 11 cm / 4½"

without teeth



Foerster
 19-380-08
 8,5 cm / 3½"

without teeth



Foerster
 19-381-08
 8,5 cm / 3½"

with 1 : 2 teeth



Foerster
 19-384-08
 8,5 cm / 3½"

with 1 : 2 teeth



Foerster
 19-385-08
 8,5 cm / 3½"



Graefe
19-350-05 = 0,5 mm
19-350-07 = 0,7 mm



Graefe
19-351-05 = 0,5 mm
19-351-07 = 0,7 mm
19-351-10 = 1,0 mm
7 cm / 2 3/4"
Iris Forceps, curved, serrated
Width of points:



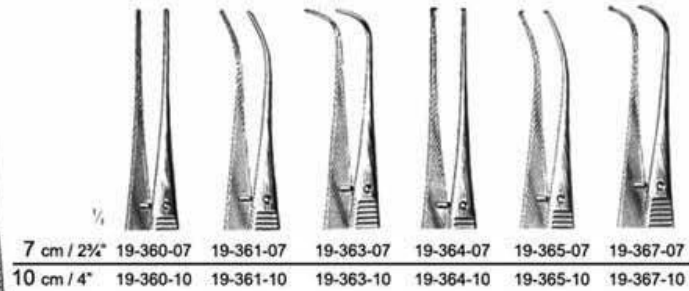
1 : 2
Graefe
19-354-05 = 0,5 mm
19-354-07 = 0,7 mm
19-354-10 = 1,0 mm
7 cm / 2 3/4"
Iris Forceps, straight, 1:2 teeth
Width of points:



1 : 2
Graefe
19-355-05 = 0,5 mm
19-355-07 = 0,7 mm
19-355-10 = 1,0 mm
7 cm / 2 3/4"
Iris Forceps, curved, 1:2 teeth
Width of points:



Graefe





19-342-06
60 mm x 0,6 mm Ø
Retrobulbar Injection Needle,
sttaght



19-342-10
ditto curved



19-344-07
Wash Cannula, fine



19-346-01-19-346-03
Lachrymal Cannulas
straight = 19-346-01
curved = 19-346-02
long = 19-349-03



19-347-04 = 40 mm
19-347-06 = 60 mm
Lachrymal Probe Cannulas,
of silver



19-348-06
Eye Douche, of silver



$\frac{2}{3}$
Stille
19-314-12



$\frac{2}{3}$
Stille
19-316-12



$\frac{2}{3}$
19-318-12



$\frac{2}{3}$
19-322-13



$\frac{2}{3}$
19-324-13

19-326-01
Needle only

19-326-02
Spud only

19-326-03
Gouge only



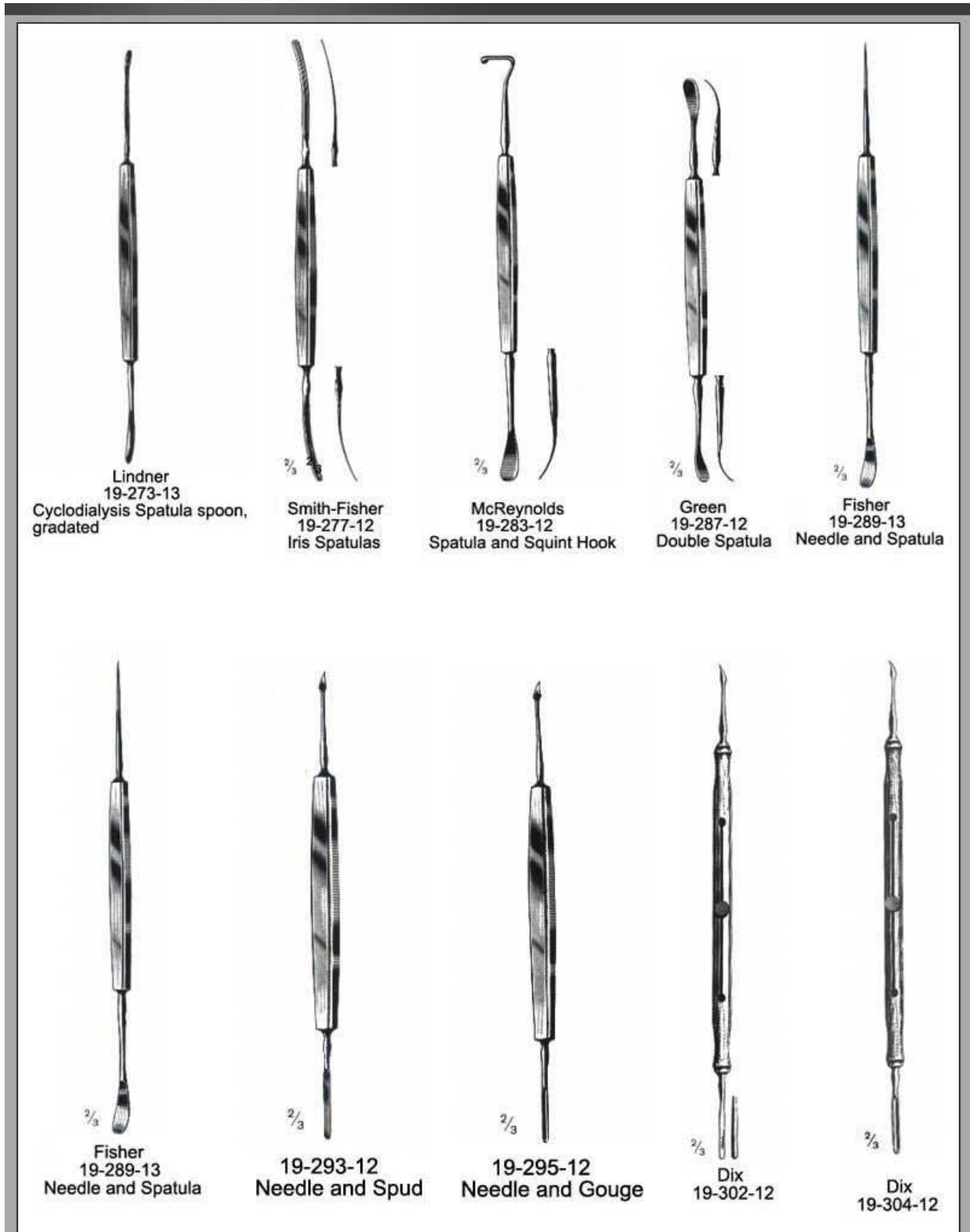
$\frac{2}{3}$
19-329-13

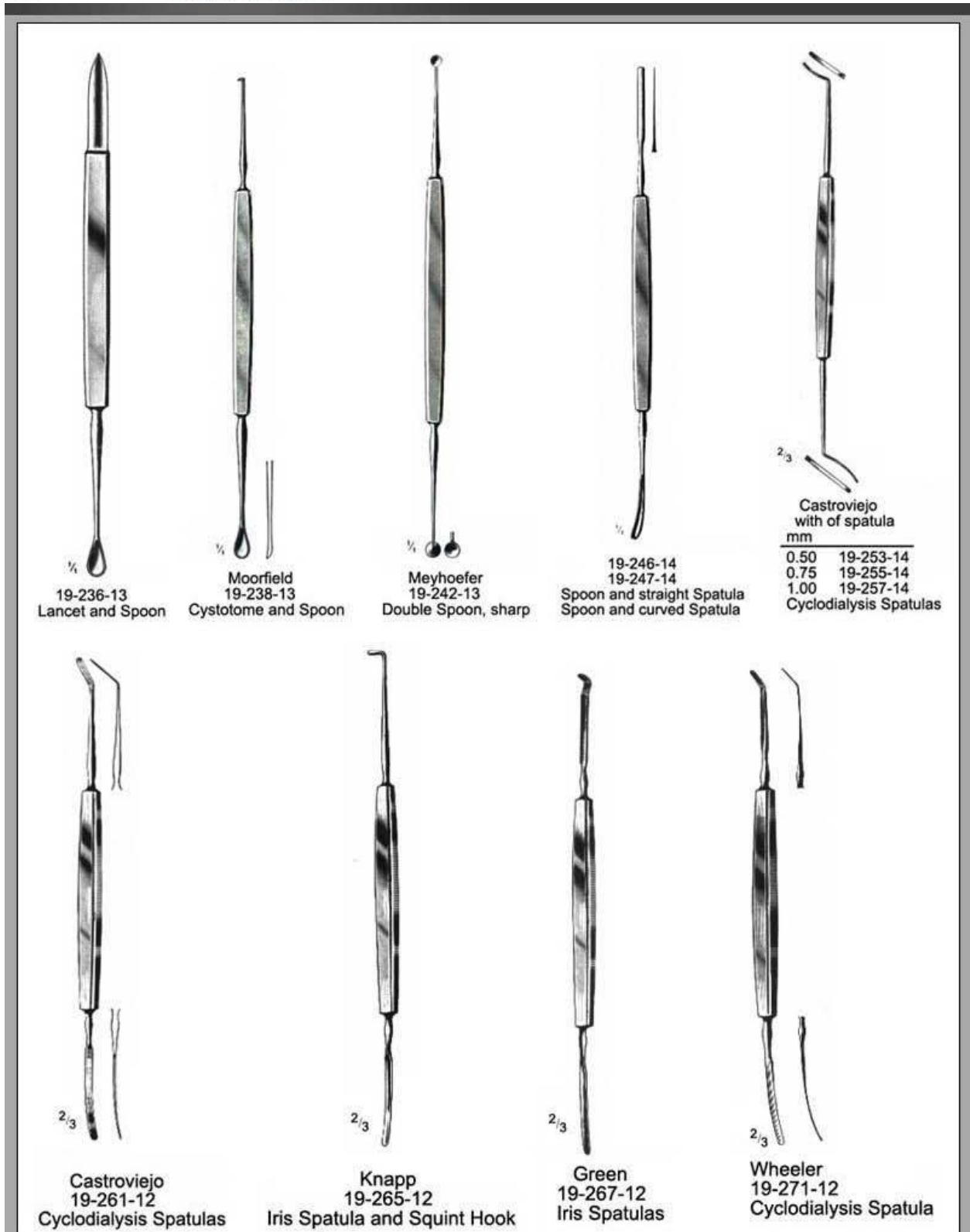


$\frac{2}{3}$
Graefe
19-332-13



$\frac{2}{3}$
Graefe
19-332-13







Ziegler
19-201-11
Lachrymal Needle probe



19-212-18
Lachrymal and salivary Duct
Probe, of silver



Rolf
19-214-15
Lachrymal Sac Probe



Bowman
Fig. 00 0 1 2 3 4 5 6 7 8
Ø mm 0,7 0,8 0,9 1,1 1,3 1,4 1,5 1,6 1,8 1,9

Lachrymal Probes, probe
pointed/cylindrical
Fig.

0/0	19-220-00
1/1	19-220-11
2/2	19-220-22
3/3	19-220-33
4/4	19-220-44
5/5	19-220-55
6/6	19-220-66
7/7	19-220-77
8/8	19-220-88



Bowman
Fig. 00 0 1 2 3 4 5 6 7 8
Ø mm 0,7 0,8 0,9 1,1 1,3 1,4 1,5 1,6 1,8 1,9

ditto. cylindrical
Fig.

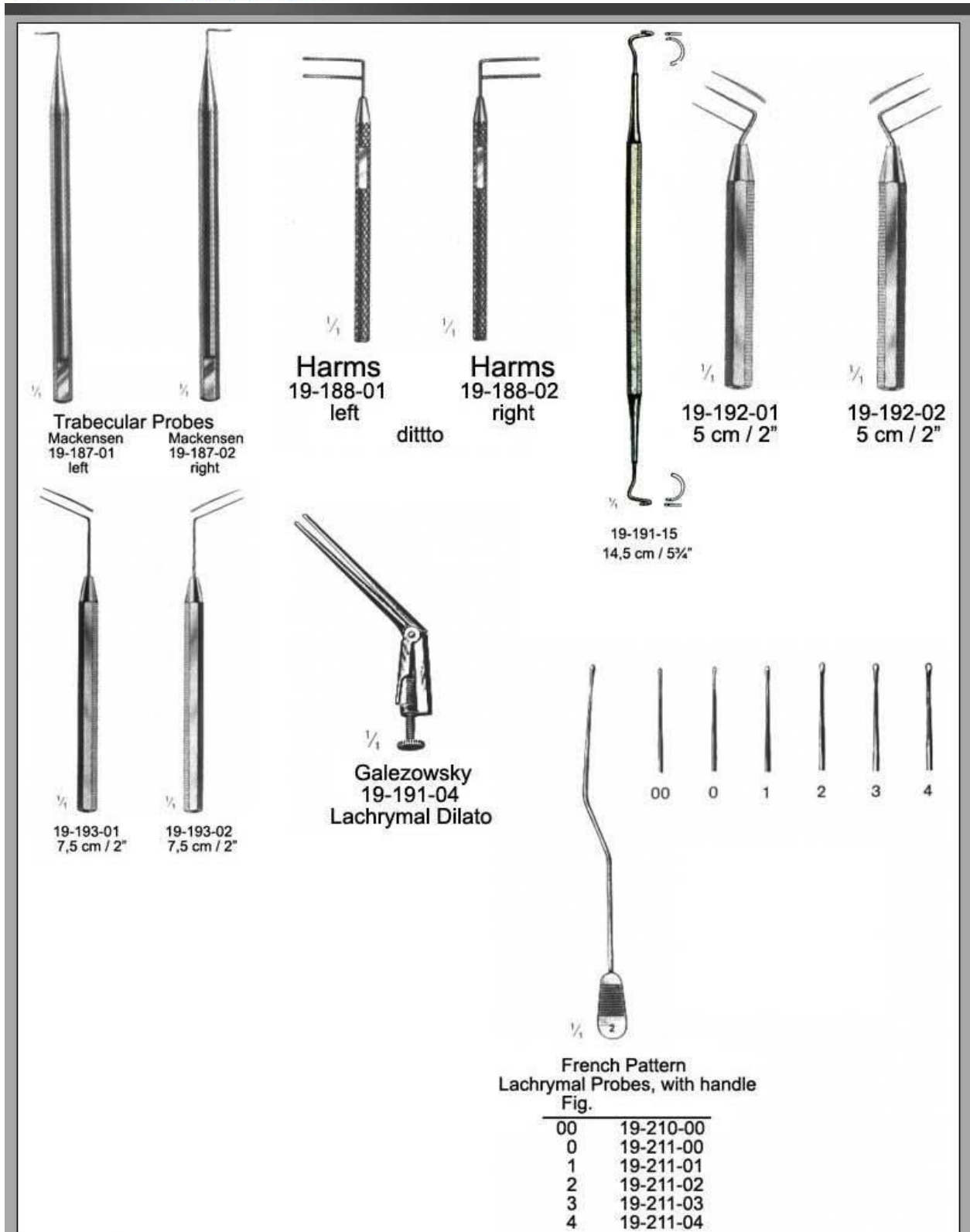
0/0	19-224-00
0/1	19-224-01
1/2	19-224-12
2/3	19-224-23
3/4	19-224-34
4/5	19-224-45
5/6	19-224-56
6/7	19-224-67
7/8	19-224-78



Bowman
Fig. 00 0 1 2 3 4 5 6 7 8
Ø mm 0,7 0,8 0,9 1,1 1,3 1,4 1,5 1,6 1,8 1,9

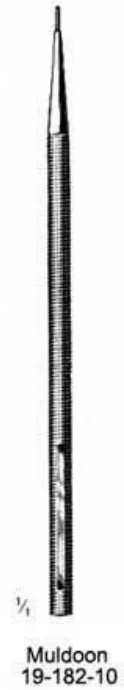
ditto. cylindrical

19-226-00
19-226-01
19-226-12
19-226-23
19-226-34
19-226-45
19-226-56
19-226-67
19-226-78





Ziegler
Fig. 1/2 19-173-01
Fig. 3/4 19-173-02
Fig. 5/6 19-173-03





1/4

Castroviejo
 19-147-14
 Keratoplastic Spatulas



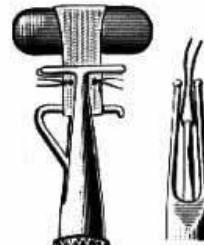
1/4

Clascovics
 19-154-13
 Plastic Knives



1/4

Elschnig
 19-156-12
 Plastic Knives



2/3

Bishop
 19-160-12
 Tendon Tuckers



Lueneburg
19-130-11
Elevator for pressing back the
lachrymal sac



Arruga
19-120-06-
19-120-10
mm Ø



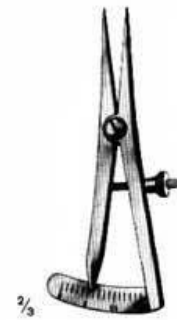
Arruga
19-122-06-
19-122-10

mm Ø		
6	19-120-06	19-122-06
7	19-120-07	19-122-07
8	19-120-08	19-122-08
9	19-120-09	19-122-09
10	19-120-10	19-122-10

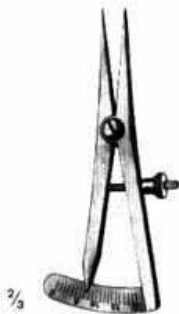
Trephines
Trephines with center drill point



Arruga
19-124-00
Handle for trephines 19-120-06
to 19-122-10



Castroviejo
19-133-06
Measuring Range:
15 mm
Markers (compasses)
graduated



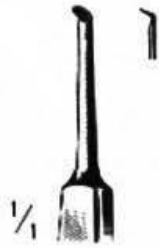
Castroviejo
19-133-07
Measuring Range:
20 mm
Markers (compasses)
graduated



Connin-Amsler
19-139-13
Marker, used in the ingi-puncture
treatment of the detached retina



Dastoor
19-145-14
Keratoplastic Spatulas



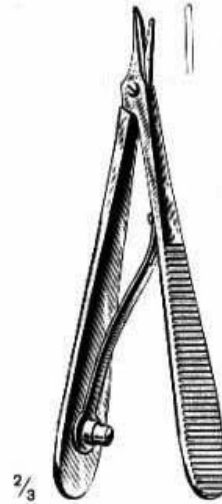
Paufigue
 19-991-11
 Keratoplastic



Barraquer
 19-993-13
 Keratoplastic Knives



Barraquer
 19-996-13
 7 x 1 mm
 Keratoplastic Knives



Haitz
 19-100-09
 Canalliculus Punch



Haitz
 19-103-09
 Corneoscleral Punches



Lagrange
 19-105-12



West
 19-108-16
 Lachrymal Sac Chisel



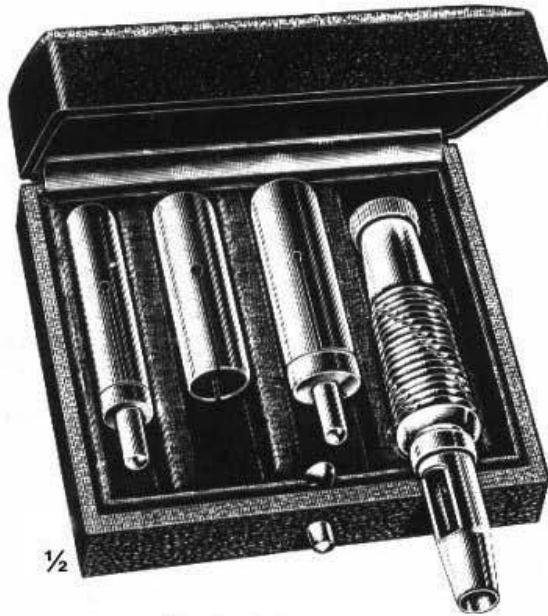
West
 19-110-16
 Lachrymal Sac Gouge



Paton
 19-114-09
 Corneal Transplant Forceps



Berens
 19-116-10
 Corneal Transplant Forceps



- 4,5 mm
- 5,5 mm
- 6,5 mm

Castroviejo
19-970-00

Set of 3 Corneal Trephines of
4,5,5,5 and 6,5 mm \varnothing , complete
with handle ,in velvet-lined case



- 5,5 mm
- 6,0 mm
- 6,5 mm

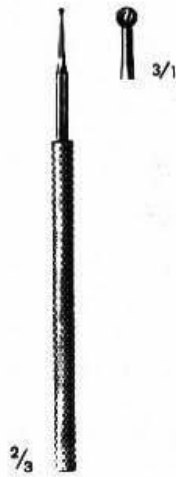
1/2

Castroviejo
19-972-00

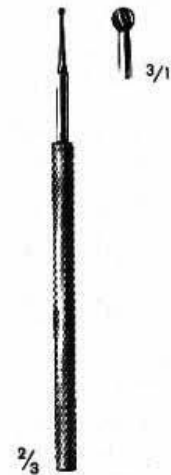
Set of 3 Corneal Trephines of
5,0,6,0 and 6,5 mm \varnothing , complete
with handle ,in metal case



Stirz
19-948-10
Set of Corneal Burrs, consisting of chuck, handle, and 6 burrs



19-950-01
Hand Burrs for rust stains



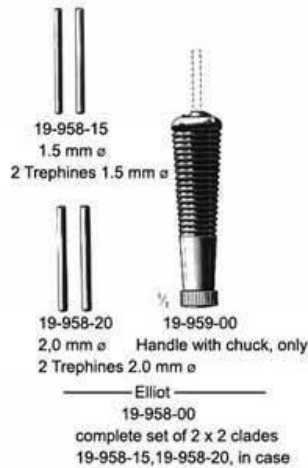
19-950-02
Hand Burrs for rust stains



Grieshaber
mm Ø

1,0	19-952-10
1,5	19-952-15
1,75	
2,0	19-952-20
2,5	19-952-25
3,0	19-952-30

Corneal Trephines



Stephenson
mm Ø

1,0	19-954-10
1,5	19-954-15
1,75	19-954-18
2,0	19-954-20
2,5	19-954-25
3,0	19-954-30

Corneal trephines



Castroviejo
Corneal Trephines, with adjustable stop

mm Ø	Castroviejo
5,0	19-964-50
5,5	19-964-55
6,0	19-964-60
6,5	19-964-65
7,0	19-964-70
8,0	19-964-80
9,0	19-964-90
10,0	19-964-98
11,0	19-964-99



1/4
 Kirby
 19-932-10
 10 cm / 4"
 Fixation forceps



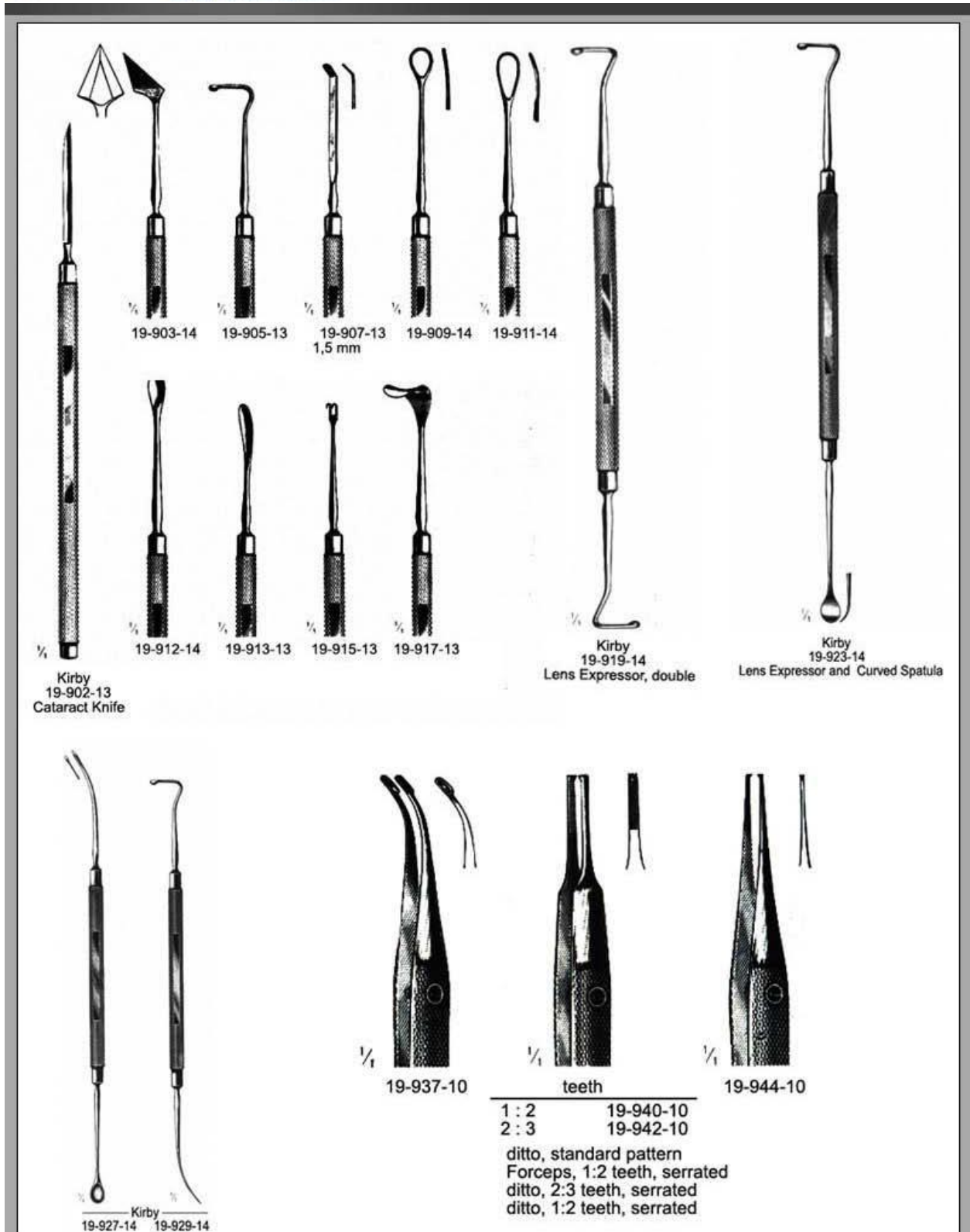
1/4
 Kirby
 19-935-10
 10 cm / 4"
 ditto, 1:2 teeth, curved, smooth



1/4
 19-945-10
 1 : 2
 10 cm / 4"
 ditto, 1:2 teeth. curved, smooth



1/4
 19-947-10
 1 : 2
 10 cm / 4"
 Cornea- Scieral Forceps, curved,
 1:2 teeth,serrated





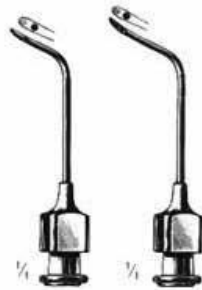
Axenfeld
 19-891-01
 Lachrymal sac Currettes,
 downwards curved



Axenfeld
 19-891-02
 ditto, upwards curved



Axenfeld
 19-893-13
 Chalazion Curette, double, sharp



Castroviejo
 19-895-10 19-895-15
 1,0 mm 1,5 mm
 Cyclodialysis Cannulas



Randolph
 19-897-15
 Cyclodialysis Cannulas



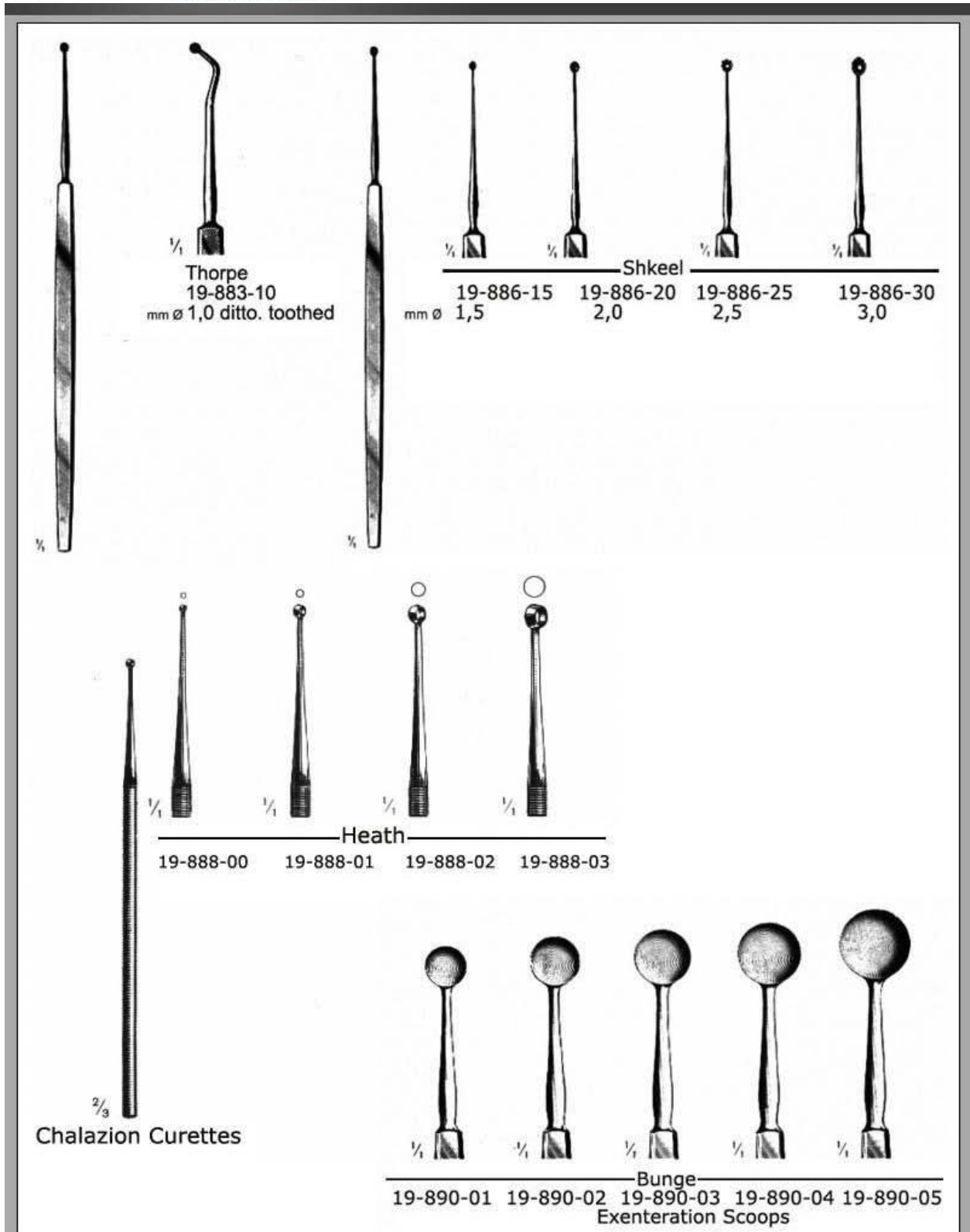
Lang
 19-894-13
 Lachrymal Sac Dissector

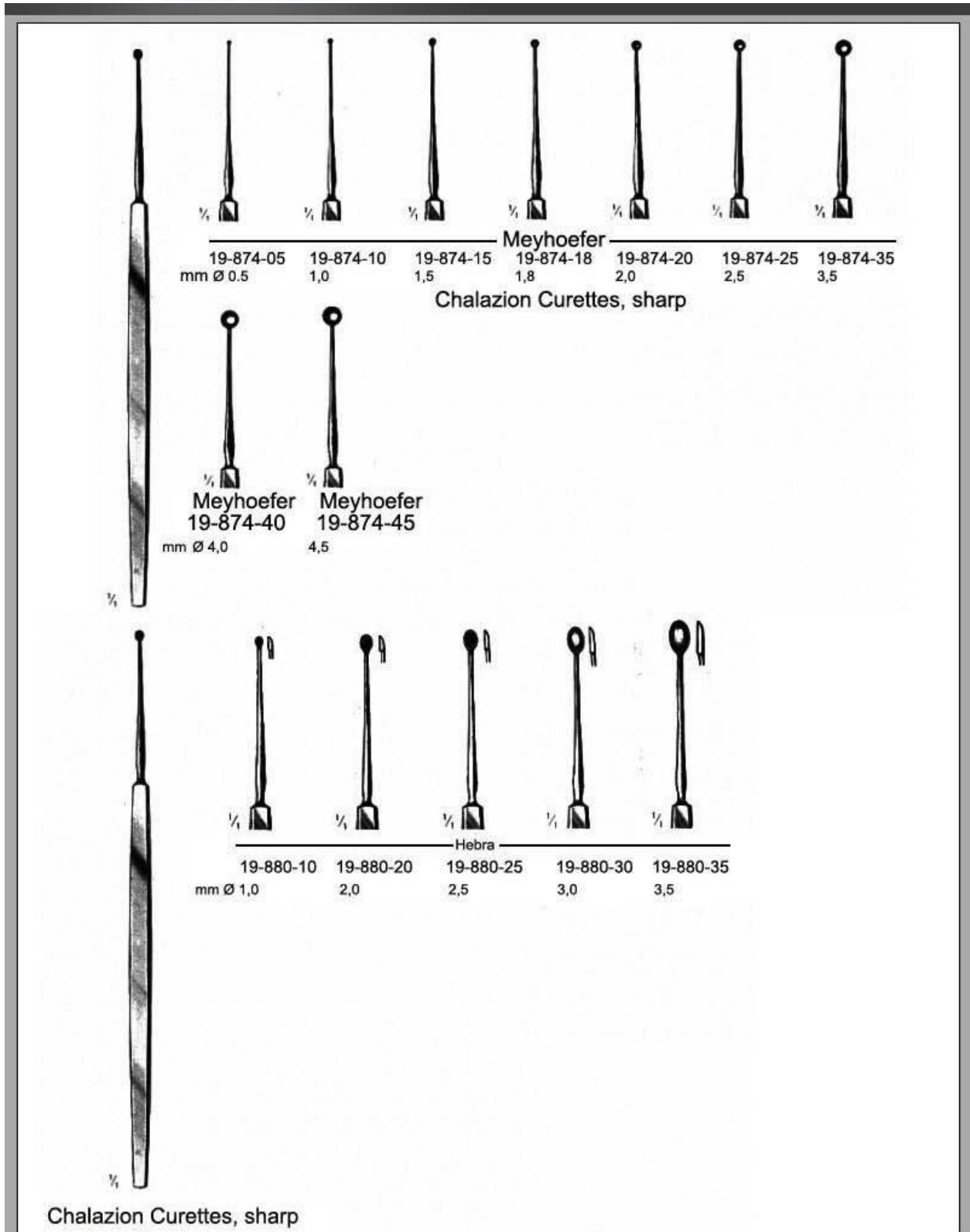


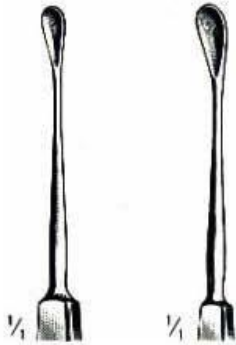
19-898-02 = Record
 19-899-02 = Luer Lock
 Air Cannula with Recored Cone



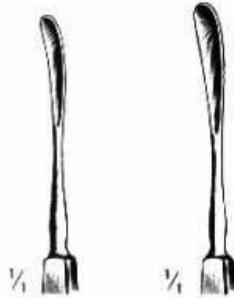
19-901-02 = Record
 19-902-02 = Luer lock
 Ditto, with Luer lock







Graefe Graefe
 19-836-01 19-836-02
 Cataract Scoops



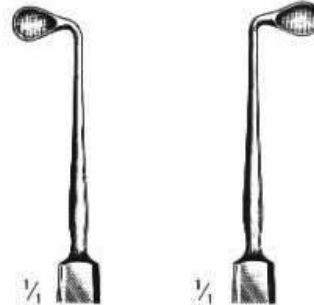
Daviel Daviel
 19-842-01 19-842-02
 Cataract Scoops



Knapp
 19-852-14
 Cataract Scoops



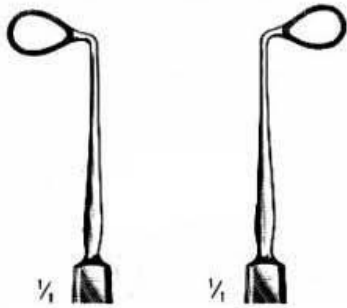
Hess
 19-856-01
 Cataract Spoons



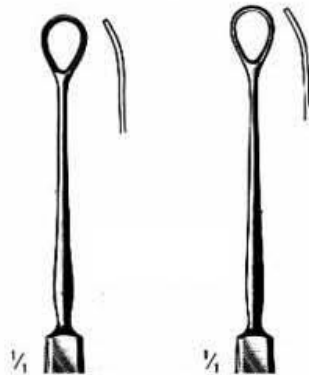
Elschnig Elschmig
 19-866-01 19-866-02
 Eye Spoons for secondary cataract



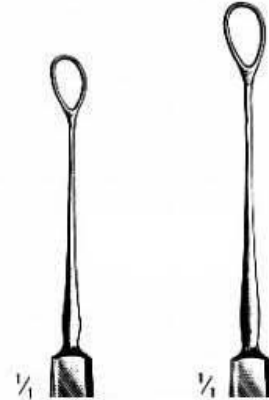
Wells
 small large
 19-872-16 19-872-20
 Enucleation Scoops



1/4 Elschmig Lens Scoops
19-809-13 Elschmig
19-811-13



1/4 Lewis Lens Scoops
19-813-14 Lewis serrated
19-815-14 Lewis smooth



1/4 Weber Lens Scoops
19-817-13 Weber
19-819-14 weber



1/4 New Orleans
19-821-13
Lens Scoops



1/4 Verhoeff
19-831-13
Lens Scoops



1/4 Snellen
19-823-13
Lens Scoops



1/4 Smooth Arit serrated
19-825-13 19-827-13
Lens Scoops



1/4 Hess
19-833-13
Lens Expressors



1/4 Amenabar
19-829-10
Lens Scoops

2:1



Hirschmann
19-791-14

Cyclodialysis Spatulas



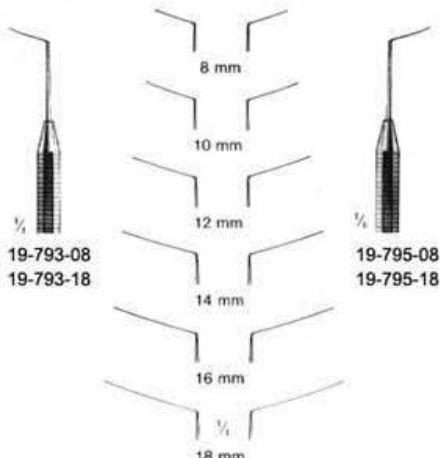
Jaffe
19-792-14

Cyclodialysis Spatulas



Kwitko
19-793-00

Cyclodialysis Spatulas



19-793-08
19-793-18

19-795-08
19-795-18

Castroviejo-Barraquer
19-793-08 8 mm 19-795-08
19-793-10 10 mm 19-795-10
19-793-12 12 mm 19-795-12
19-793-14 14 mm 19-795-14
19-793-16 16 mm 19-795-16
19-793-18 18 mm 19-795-18
Cyclodialysis Spatulas



Marchesani
19-805-12

Cyclodialysis spatulas



Bangerter
19-790-14
14 cm / 5½"



Troutman
19-806-13
13 cm / 5¼"



Castroviejo
19-807-09
9 cm / 3½"



Castroviejo
19-808-09
9,5 cm / 3¾"



1/4
Sautter
19-764-01
14,5 cm / 5 3/4"



1/4
Sautter
19-764-02
14,5 cm / 5 3/4"
Orbit Spatulas



1/4
Sautter
19-764-03
14,5 cm / 5 3/4"



1/4
Wilmer-Bagley
19-765-13
Lens Expressors



1/4
Berens
19-767-12
Lens Expressors



1/4
Wills-Hospital
19-773-13
Cauteries



1/4
Wadsworth-todd
19-775-14
Cauteries



1/4
Prince
19-776-14



1/4
19-778-13
Corneal Rasp



1/4
Weber
19-779-12
Iris Spatulas



1/4
Wecker
19-781-13



1/4
Wecker
19-782-13



1/4
Stock
19-783-13



1/4
Stock
19-785-13



1/4
Culler
19-787-13
Iris Spatulas



1/4
Suker
19-789-14
Cyclodialysis spatula



Holth
 19-733-13
 blunt
 Double Hook



Paul
 19-735-12
 Retractor



Arruga
 19-737-13
 Protector for use in dataachment
 of the retina operation



Arruga
 19-738-13
 protector, insulated



Lens Hooks
 Stevens
 19-743-14



Stevens
 19-745-12



Jameson
 19-747-13
 Muscle Hooks



Culler
 19-749-12
 Muscle Hooks



Green
 19-751-13
 Strabismus Hooks



Culler
 19-753-13
 Strabismus Hooks



Graefe
 19-759-13



Graefe
 19-759-14



Graefe
 19-759-15



Jaeger
 19-761-01



Jaeger
 19-761-02



Arruga
 left



Arruga
 right

19-763-01 19-763-02
 Extraction Hooks for
 intracapsular cataracts



Guthrie
19-700-12
Fixation Hooks, double



Guthrie
19-702-13
Fixation Hooks, double



Berens
19-706-12
Sclera Hook



Stevens
19-708-12
Retractor



Knapp
19-711-13
blunt



Rollet
19-716-13
Hook for lachrymal sac



Fink
19-719-13
blunt
Retractor, curved-on-flat



Knapp-Rollet
Retractors
Flexible
teeth

2	19-722-13
3	19-723-13
4	19-724-13



Aubaret
19-726-13
Hook for lachrymal sac



sharp
19-728-14



blunt
19-729-14



sharp
19-730-14



blunt
19-731-14

Hook for extirpation of the lachrymal gland



19-720-11 = right
19-721-11 = left
10,5 cm / 4 1/4"
Fixation Claw, right



Wiener
 Iris Hooks
 sharp blunt
 19-692-13 19-693-13



Hirschmann
 19-695-13
 Lens Hook



McGannan
 19-698-13
 13 cm / 5 1/4"
 Iris Retractor



Graefe
 19-697-13
 Lens Hook



1/4

Mackensen
19-664-16
16 mm Ø
Bulb Rings

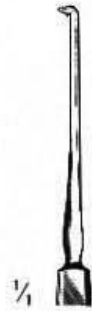


1/4

Filinga

	mm Ø
19-666-14	=14
19-666-16	=16
19-666-18	=18
19-666-20	=20
19-666-22	=22
19-666-24	=24

Bulb Rings



1/4
Graefe
19-670-13



1/4
Graefe
19-671-13
Cystotomes



1/4
Graefe
19-673-13



1/4
Knapp
19-674-13
Cystotomes



1/4
Becker
19-676-13
Cystotomes



1/4
Mod. Tubingen
19-677-14
14 cm / 5 2/3"
Iris Hooks



1/4
Mod. Bonn
19-678-14
14 cm / 5 2/3"



1/4
Hirschmann
19-680-10
blunt



1/4
Graefe
sharp



1/4
Graefe
blunt

19-684-12 19-685-12
Iris Hooks



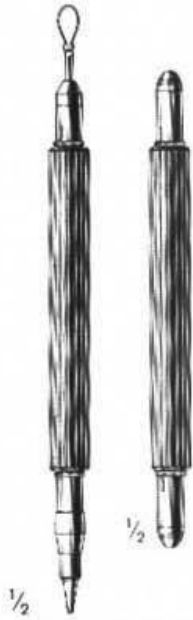
1/4
Panas
19-686-12
Iris Hooks



1/4
Meyer-Schwickerath
19-689-13
13 cm / 5 1/4"
Localizer



1/4
O'Connor
19-690-12
Iris Hooks



STANDARD
19-658-12
Foreign Body Remover and Mag-
netic Eye probe in reversible handle



STANDARD
19-659-12
Foreign Body Remover and Mag-
netic Eye probe in reversible handle
with magnifier



19-662-11
Foreign Body Remover In rever-
sible handle



$\frac{1}{4}$
Dix
19-590-13
Foreign Body Spud



$\frac{1}{4}$
Ellis
19-591-11
Foreign Body Gouge



$\frac{1}{4}$
Plange
19-593-12
Foreign Body Needle



$\frac{1}{4}$
Nicati
19-594-12
Foreign Body Spud



$\frac{1}{4}$
Hosford
left right
19-595-12 19-597-12
Foreign Body Gouges



$\frac{1}{4}$
Walton
19-602-12
Foreign Body Gouge, Pointed



$\frac{1}{4}$
Walton
19-604-12
Foreign Body Gouges



$\frac{1}{4}$
Meyer
19-608-12
Foreign Body Gouges



$\frac{1}{4}$
Green
19-620-13
Foreign Body Gouges



$\frac{1}{4}$
Rollet
19-624-12
Chisel for extirpation of the
lachrymal sac



$\frac{1}{4}$
Knapp
19-631-13
Foreign Body Hook



$\frac{3}{8}$
Luer
19-656-13
Magnetic Eye Probe



Bowman
 19-558-12
 Discission Needles



Bowman
 19-559-12
 Discission Needles



Schweigger
 19-562-12
 Dicission Needles



Schweiz. Mod.
 19-568-12
 Foreign Body Needles



19-570-13
 Foreign Body Needles



19-571-13
 Foreign Body Needles



Leinson
 19-574-13
 Foreign Body Needles



Alvis
 19-576-12
 Foreign Body Curette



Abadie
 19-579-12
 Foreign Body Needles



Francis
 19-581-12
 Foreign Body Needles



La Force
 19-583-12
 Foreign Body Instruments



Davis
 19-583-12
 Foreign Body Needle



Searcy
 19-530-12
 Fixation Forks



Burch
 19-532-13
 Fixation Forks



19-544-12
 Cataract Needles



19-545-12
 Cataract Needles



19-548-12
 Cataract Needles



19-549-12
 Cataract Needles



Dayil
 19-551-13
 Cataract Needles



Desmarres
 19-554-13 19-555-13
 Paracentesis Needles



Walker-Lee
 19-490-11
 Sclerotome



Guthrie
 19-493-12
 Strabismus knife



Elschnig
 19-498-12
 Plastic-surgery Knife



McReynolds
 19-501-13
 Pterygium Knives



**Anderson
 Critchett**
 19-505-13
 Pterygium Knives



Lundsgaard
 19-509-12
 Sclerotomes



**Guyton-
 Lundsgaard**
 19-511-12
 sclerotomes



Curdy
 19-513-12
 Sclerotomes



Barraquer
 19-515-12
 sclerotomes



Johnson
 19-520-13
 Blepharoptosis knife



Barkan
 19-526-12
 Goniotomy Knives



Scheie
 19-528-13
 Goniotomy Knives



$\frac{1}{4}$
Took
 19-466-12



$\frac{1}{4}$
 19-470-01



$\frac{1}{4}$
Desmarres
 19-470-02



$\frac{1}{4}$
 19-470-03



$\frac{1}{4}$
Gill
 19-471-12
 Corneal knives



$\frac{1}{4}$
Graefe
 19-475-12
 Synechia knife, sickle-shaped



$\frac{1}{4}$
 19-479-01



$\frac{1}{4}$
 19-479-02

Axenfeld
 Synechia knives



$\frac{1}{4}$
Wecker
 19-488-12
 Sclerotomes



$\frac{1}{4}$
Johnson
 19-429-13
 Evisceration knife



$\frac{1}{4}$
Haab
 19-432-12
 Iris knives



$\frac{1}{4}$
Graefe
 19-435-13
 Iris knives



$\frac{1}{4}$
 19-438-13
 ditto, 2 cutting edges



$\frac{1}{4}$
Graefe
 19-441-13



$\frac{1}{4}$
 19-450-01



$\frac{1}{4}$
 19-450-02



$\frac{1}{4}$
 19-450-03



$\frac{1}{4}$
 19-450-04

Kuhnt

Corneal Scarifiers



$\frac{1}{4}$
Troutman
 19-453-09
 9 cm / 3 1/2"
 Corneal Dissectors



$\frac{1}{4}$
Elachig
 19-459-13
 Corneal knives



$\frac{1}{4}$
Troutman
 19-461-01
 9 cm / 3 1/2"
 Corneal Dissectors



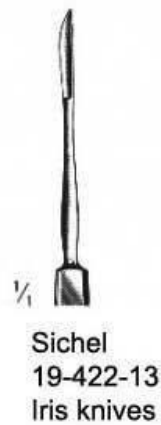
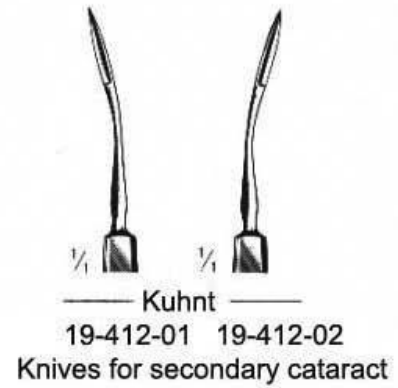
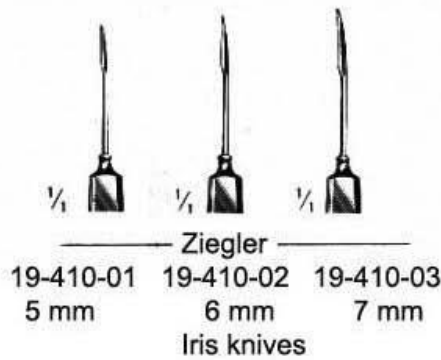
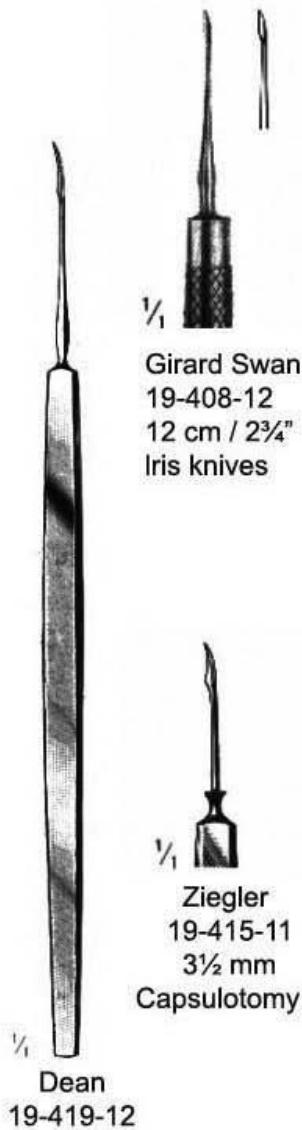
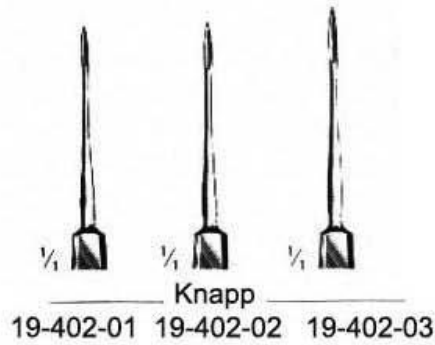
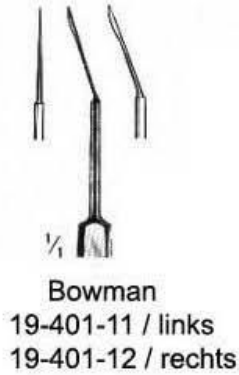
$\frac{1}{4}$
Troutman
 19-461-02
 9 cm / 3 1/2"
 Corneal Dissectors



$\frac{1}{4}$
 Corneal Dissectors
Paton
 19-455-12



$\frac{1}{4}$
Johnson-Took
 19-464-12





Mod. Hamburg
19-390-12
Very narrow Lancet, with
double cutting edge



Rowland
19-391-13
keratome



Mod. Tubingen
19-392-12
Knife for secondary cataract



Graefe
19-393-13
Scarifier



Schnaudigl
19-395-13
Hockey Knife



19-399-01



19-399-02



19-399-03

Weber
Canaliculus knives



Bowman
19-400-04
0,4 mm
Discission knives



Bowman
19-400-05
0,5 mm
Discission knives



Bowman
19-400-06
0,6 mm
Discission knives



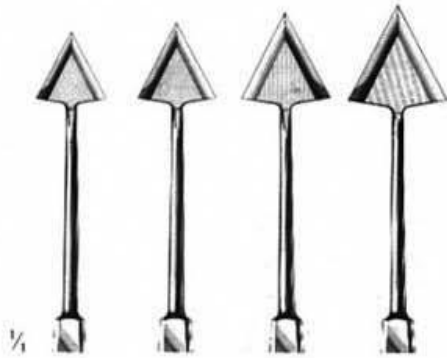
Bowman
19-400-07
0,7 mm
Discission knives



Bowman
19-400-08
0,8 mm
Discission Knives



Bowman
19-400-09
0,9 mm



Jaeger-Grieshaber
MM 19-366-01 19-366-02 19-366-03 19-366-04
With facets along the cutting
edge, MM quality



Wiener
MM 19-373-13
MM quality



Berens
19-377-13
with hollow ground blade



Berens
19-379-13
for iridocapsulotomy



Jaeger-Grieshaber
MM 19-367-01 19-367-02 19-367-03 19-367-04
curvature 45°
With facets along the cutting
edge, MM quality



Wecker
19-384-01



Wecker
19-384-02



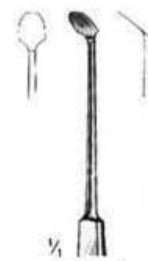
Wecker
19-385-01



Wecker
19-385-02



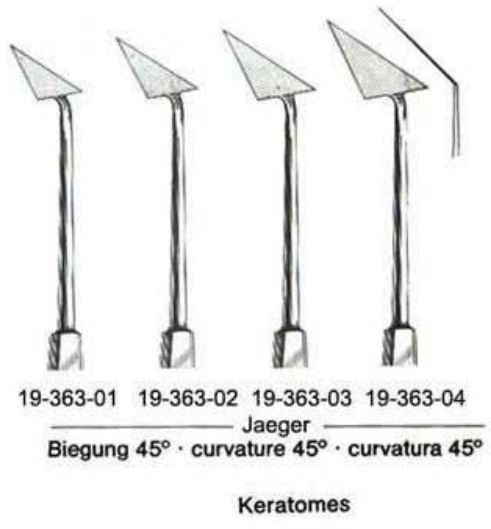
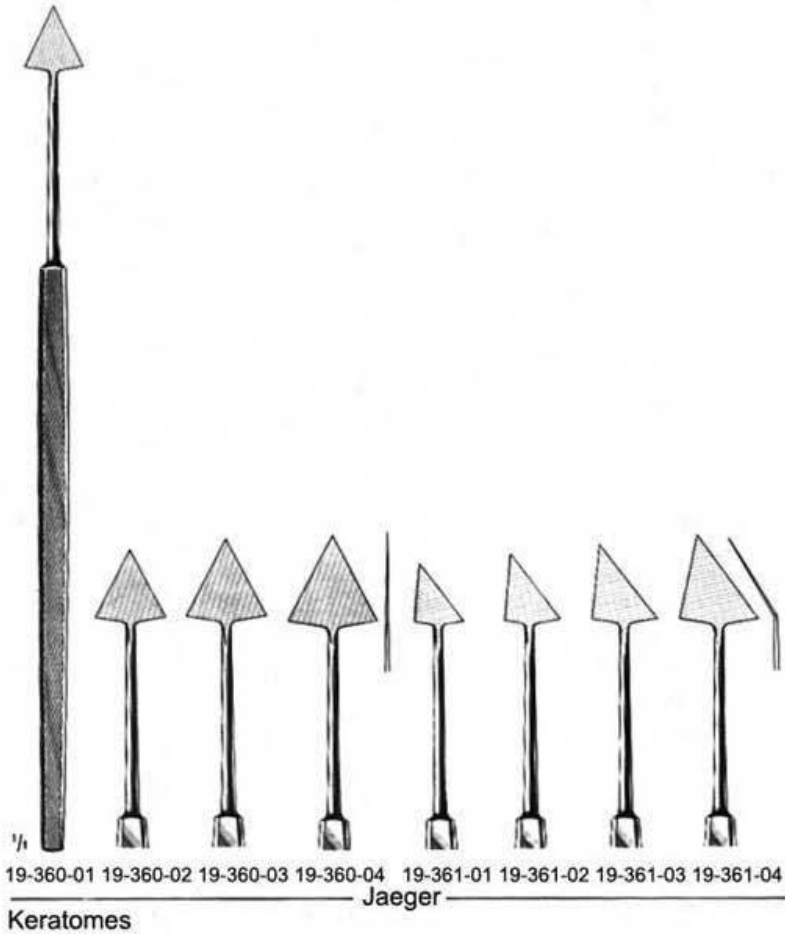
4 mm 5 mm 6 mm 7 mm
Wessely-Grieshaber
MM 19-369-01 19-369-02 19-369-03 19-369-04
curvature 45°
ditto, for secondary cataract,
MM quality



Papst
19-387-13
Round Lancet



Castroviejo
19-389-13
4 x 13 mm
Keratome





Graefe-Arruga
MM 19-324-01 19-324-02 19-324-03 19-324-04
ditto. special patterns. MM quality



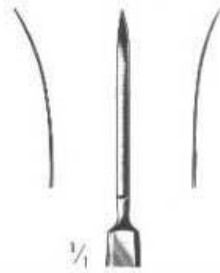
Graefe
19-328-13
Cataract Knife, exceptionally wide blade



Deuschmann
19-334-13
ditto, two cutting edges



Schmith-Green
19-340-01 19-340-02
ditto, one cutting edge only



Berens
right curved 19-343-13 left curved 19-345-13
Glaucoma Knives



Wheeler
19-348-12
18 x 1 mm
Discission Knife



Barraquer
19-350-13
Cataract knife, in sliding handle



Beer
19-352-02
Cataract Knives



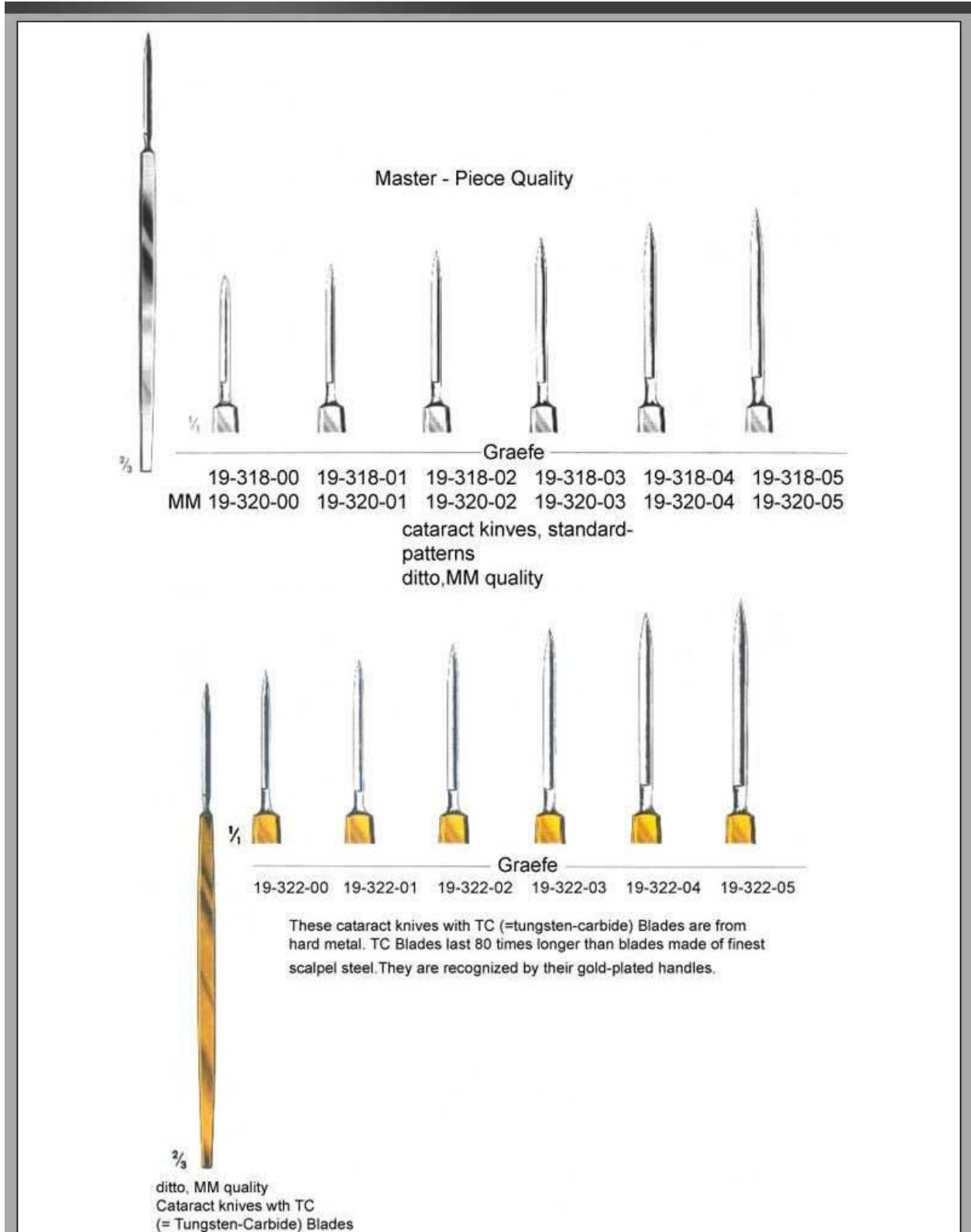
Castroviejo
19-357-01
9 cm / 3 1/2"
with small blade



Castroviejo
19-357-02
9 cm / 3 1/2"
with medium blade



Castroviejo
19-357-03
9 cm / 3 1/2"
with large blade



8.3



Amenabar
19-291-13
13 cm / 5"



Pess
19-292-13
13 cm / 5"
Lid Everter



Jaeger
19-296-11
11 cm / 4 1/2"
Lid Plate



Berens
19-295-13
13 cm / 5"
Suturing Spatula



1/2
Siniscal-Smith
19-231-11
11 cm / 4 1/2"
Lid Everters



1/2
Berens
19-235-09
9 cm / 3 1/2"
Lid Everters



1/2
Muldoon
19-239-08
8 cm / 3 1/4"
Lid Retractor



3/8
19-247-09
9 cm / 3 1/2"
Lid Expressor



1/2
Fink
19-251-08
8 cm / 3 1/4"
Bi-prong marker



3/8
Schepens
19-259-13
13 cm / 5"
Lid Retractors



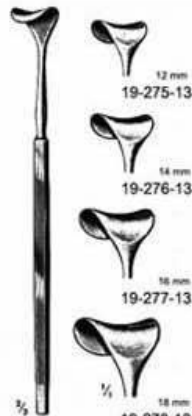
3/8
Scobee
19-269-13
13 cm / 5"
Muscle Hook



8 mm
3/8
Conway
19-271-13
13 cm / 5"



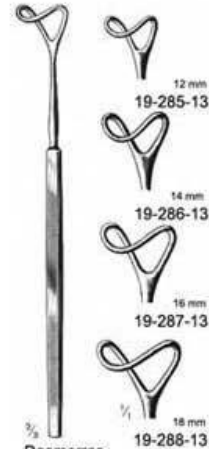
3/8
Desmarres
19-273-13
13 cm / 5"
Lid Retractor, for children



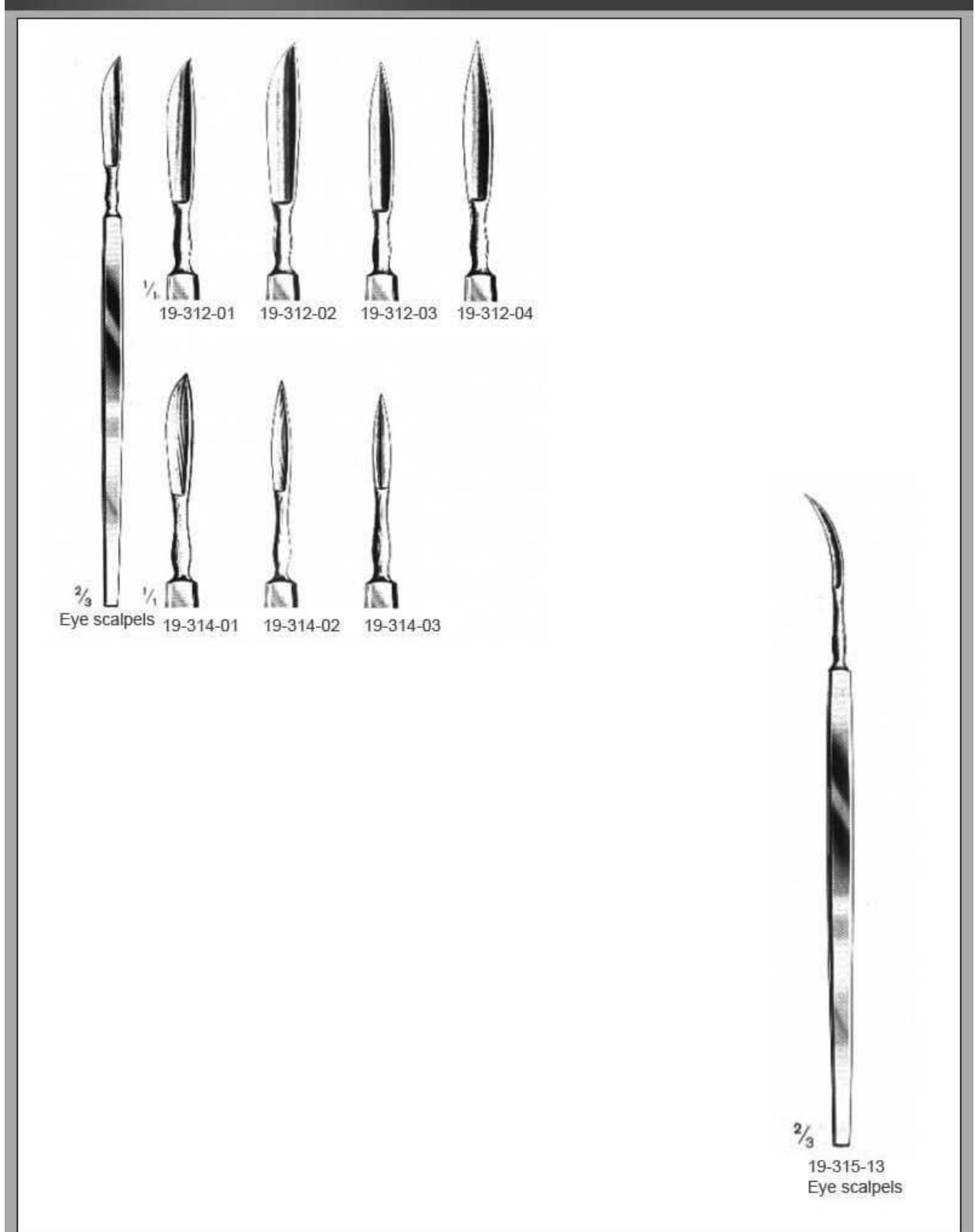
3/8
Desmarres
19-275-13 (12 mm)
19-276-13 (14 mm)
19-277-13 (16 mm)
19-278-13 (18 mm)
13 cm / 5"
Lid Retractors



3/8
Groenholm
19-281-13
13 cm / 5"
Lid Retractors



3/8
Desmarres
19-285-13 (12 mm)
19-286-13 (14 mm)
19-287-13 (16 mm)
19-288-13 (18 mm)
13 cm / 5"
Lid Retractors





1/1

Sauer
19-195-03
3 cm / 1 1/4"



1/2

Castroviejo
19-201-08
8 cm / 3 1/4"



2/3

Stevenson
19-213-07
7 cm / 2 3/4"



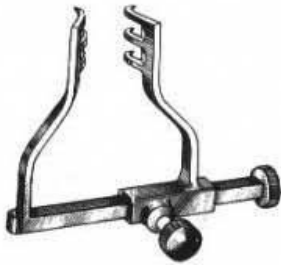
1/2

Mueller
19-217-07
7 cm / 2 3/4"



2/3

Agricola
19-219-04
4 cm / 1 1/2"



1/1

Goldstein
19-220-03
3 cm / 1 1/4"



1/1

19-310-01



19-310-02



19-310-03



19-310-04



19-310-05



19-310-06

2/3

1/1

19-310-07



19-310-08



19-310-09



19-310-10



19-310-11



19-310-12

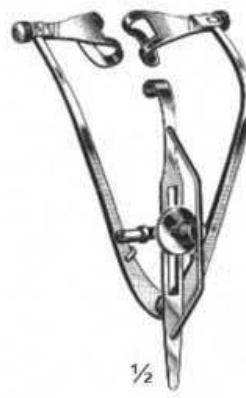
Eye Scalpels



Williams
children adults
7 cm / 2 3/4" 8 cm / 3 1/4"
19-161-07 19-161-08



Park
19-165-08
8 cm / 3 1/4"



Park-Guyton
19-167-08
8 cm / 3 1/4"



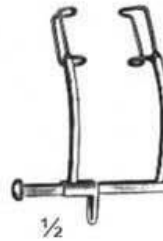
Park-Maumenee
19-168-08
8 cm / 3 1/4"
Plain blades



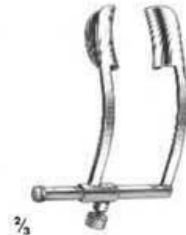
Arruga
19-171-07
7 cm / 2 3/4"
for Left Eye



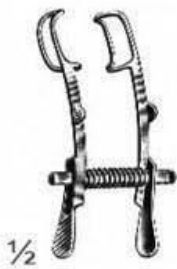
Arruga
19-173-07
7 cm / 2 3/4"
for Right Eye



Murdock
19-177-05
5 cm / 2"



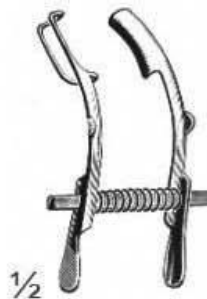
Cook
children adults
4 cm / 1 1/2" 5 cm / 2"
19-179-04 19-179-05



Mellinger
children adults
5 cm / 2" 7 cm / 2 3/4"
19-181-05 19-181-07



Mellinger-Axenfeld
19-183-07
7 cm / 2 3/4"



Mellinger-axenfeld
19-185-07
7 cm / 2 3/4"

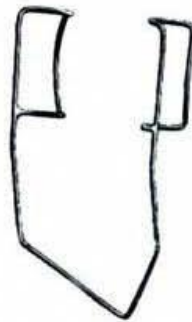


Mellinger Beard
children adults
5 cm / 2" 7 cm / 2 3/4"
19-189-05 19-189-07



1/2

Schioetz
19-105-00-19-105-05
Tonometer, with stretched scale,
in case, officially gauged
ditto. not gauged officially

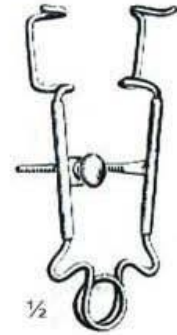


Barraquer (Collibri)
Children adults
3 cm / 1 1/4" 4 cm / 1 1/2"
19-110-03 19-110-04



1/2

Bowman
19-120-07
7 cm / 2 3/4"

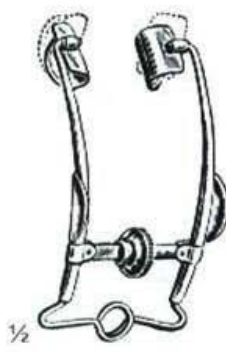


1/2

Critchett
19-123-06
7 cm / 2 3/4"



Graefe
children adults
7 cm / 2 3/4" 9 cm / 3 1/2"
19-127-06 19-127-09



1/2

Pley
19-131-06
6 cm / 2 1/2"



1/2

Ziegler
19-135-07
7 cm / 2 3/4"



1/2

Knapp-Clark
19-145-08
8 cm / 3 1/4"



1/2

Lancaster
19-149-07
8 cm / 3 1/4"



Weiss
19-150-07/09
children adults
7 cm / 2 3/4" 9 cm / 3 1/2"
19-150-07 19-150-09



Weiss
19-151-07/09
children adults
7 cm / 2 3/4" 9 cm / 3 1/2"
19-151-07 19-151-09



1/2

Weiss
19-153-08
8 cm / 3 1/4"



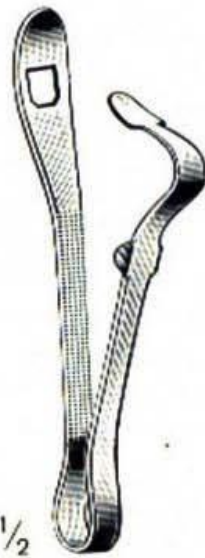
1/2

Lister-Burch
19-157-08
8 cm / 3 1/4"



1/2

kane
18-461-08
8,5 cm 3 1/2"
Umbilical cord Clamps



1/2

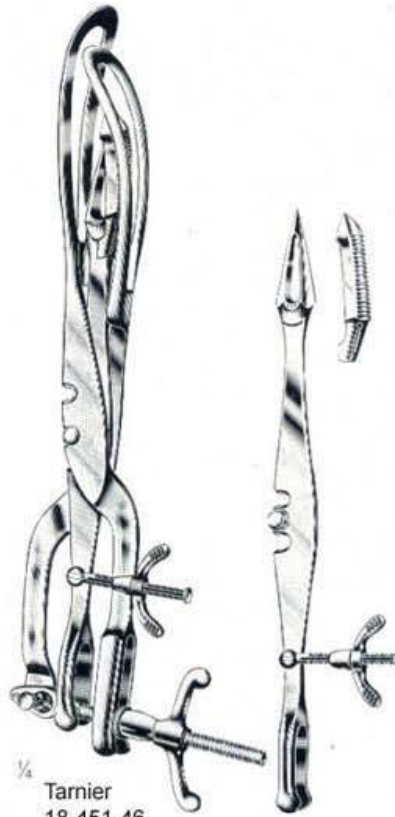
Collin
18-465-09 = 9 cm 3 1/2"
Umbilical Cord Clamps



Carton
18-471-30
30 cm/ 12"
5mm \varnothing
receptacle



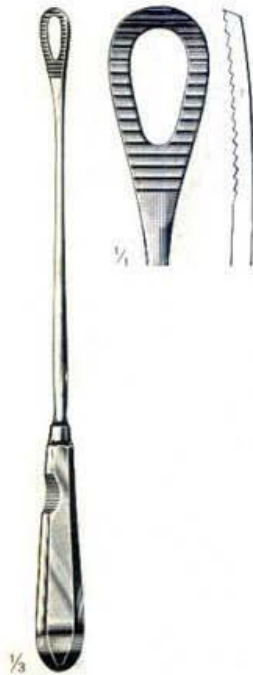
1/4
 Braun
 18-345-30
 30 cm/ 12"
 Decapitating Hook



1/4
 Tarnier
 18-451-46
 46 cm/ 18"
 Basiotribe



1/4
 Braun
 18-455-42
 42 cm 16 1/2"
 Cranioclast



$\frac{1}{3}$
 Pestalozza
 18-386-30
 30 cm / 12"



18-392-02
 blunt
 Placenta and Abortion Scoops

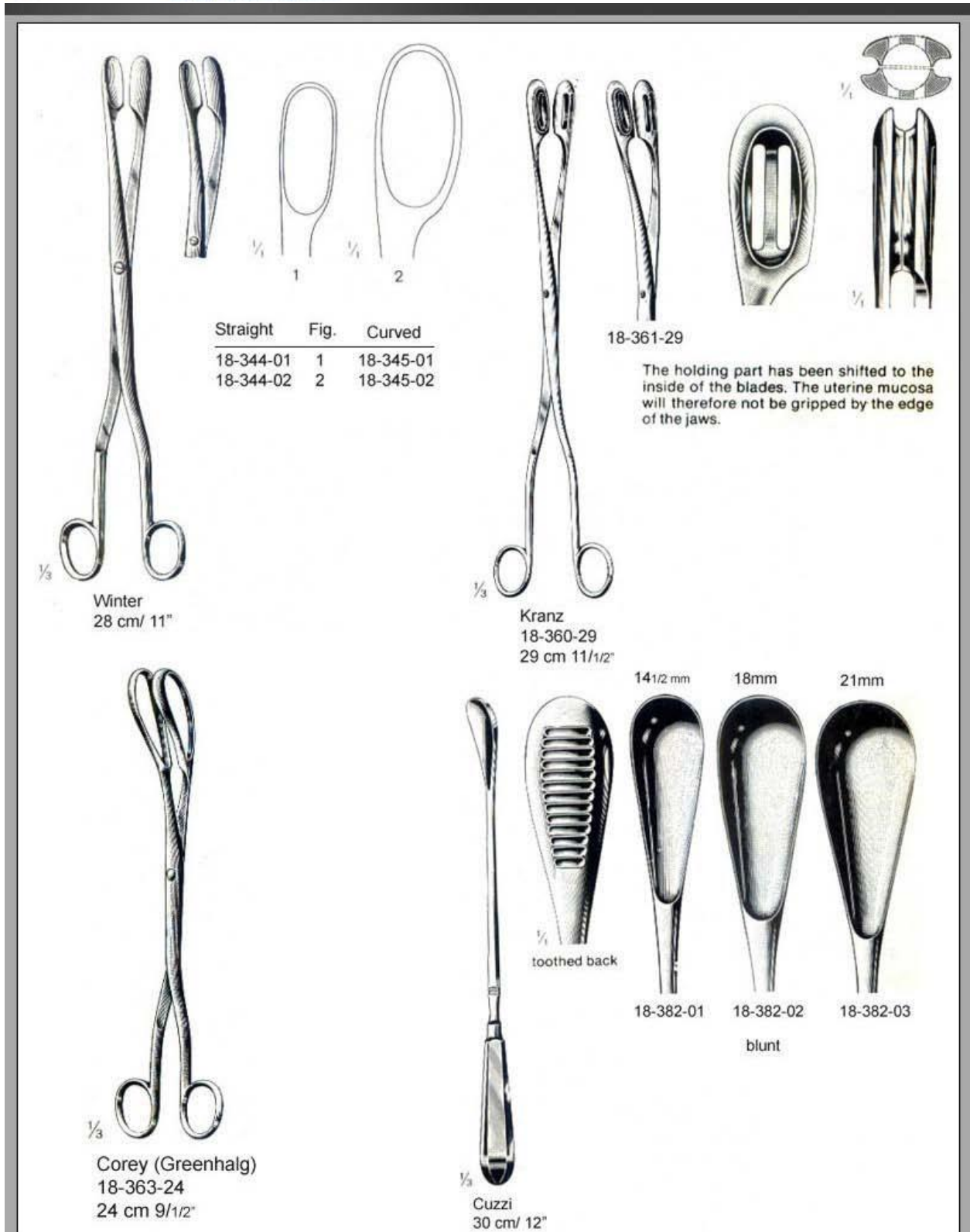
$\frac{1}{3}$
 Wallich
 42 cm 16 $\frac{1}{2}$ "

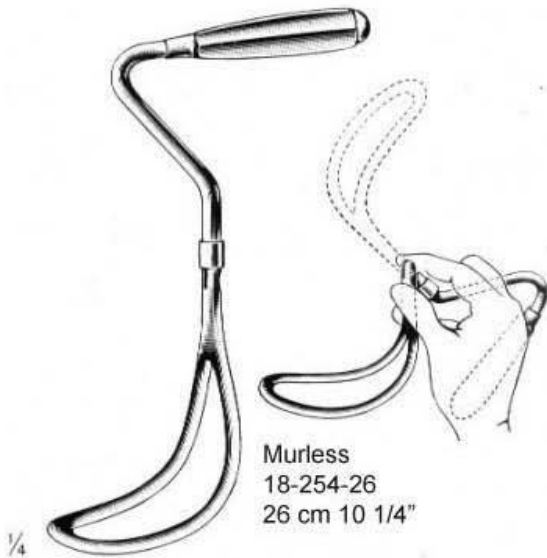


$\frac{1}{3}$
 Naegele
 18-402-25
 25 cm / 10"
 Perforators



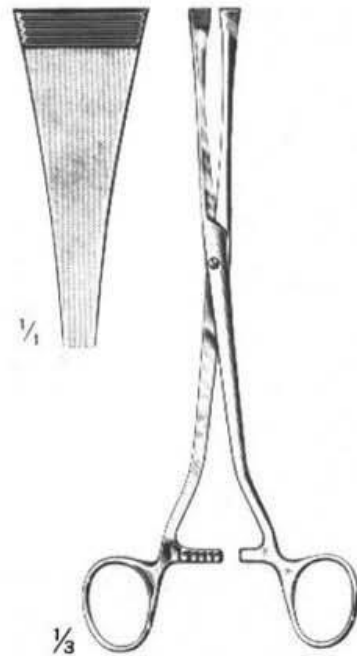
$\frac{1}{3}$
 Smellie
 18-406-25
 25 cm / 10"
 Perforatorien





Murless
 18-254-26
 26 cm 10 1/4"

1/4
 Head Extractor (for use in lower segment in Caesarian operation)
 Placenta Praevia (Scalp Flap) Forceps, Willett-Martel, see page 82



1/3
 Green-Armytage
 18-300-21
 21 cm 8 1/4"
 Uterine haemostasis forceps, for use in lower segment in Caesarian operation

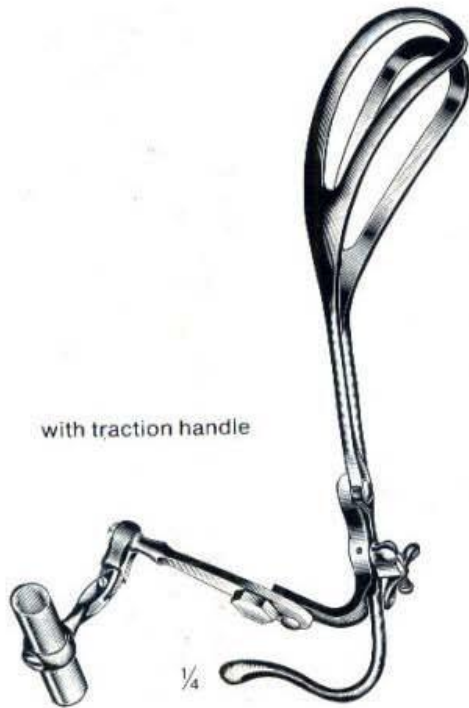


1/3
 Sellheim
 18-309-28
 28 cm/ 11"
 Elevating spoon, for movement of the head



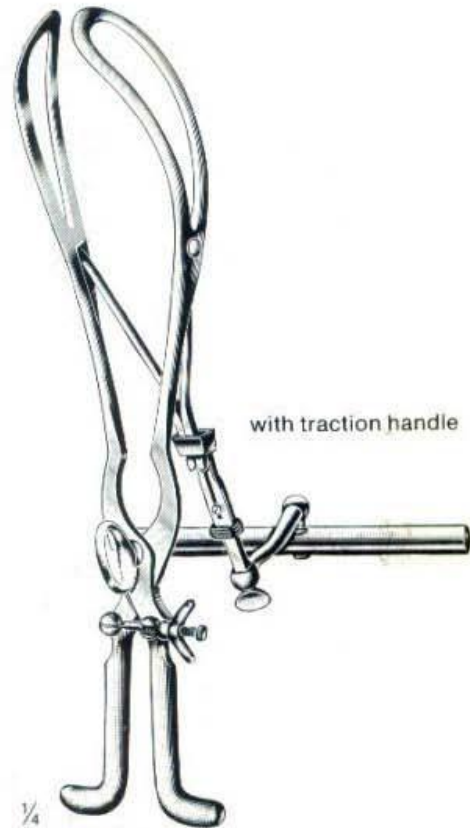
18-329-27

1/3
 Saenger
 18-328-27
 27 cm 10 1/2"



with traction handle

$\frac{1}{4}$
Dewey
18-233-37
37 cm/14 $\frac{1}{2}$ "



with traction handle

$\frac{1}{4}$
Tarnier
18-237-40 = 40 cm/15 $\frac{3}{4}$ "



specially for obstetrics in breech presentation

¼

Piper
18-225-44
44 cm/17 ¼"



with traction handle

¼

Piper
33-227-40
40 cm/15 ¾"

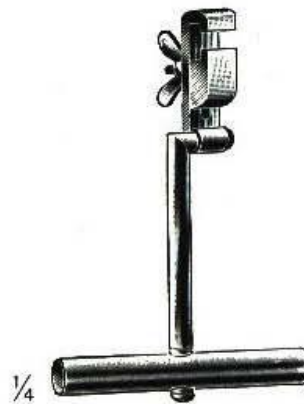


¼
Hirst
18-213-26
26 cm/10¼"



¼
Barton
18-219-36
36 cm/14"

Traction Handle for obstetrical forceps
33-219-36



¼
Barton
33-221-17
17 cm/6¾"

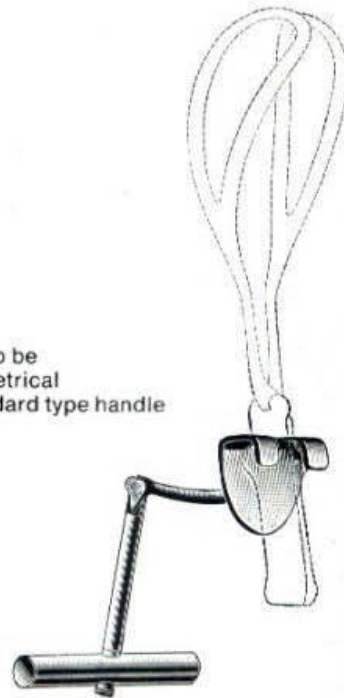


$\frac{1}{4}$
 Mc Lean-Tucker
 18-187-39
 39 cm 15 $\frac{1}{2}$ "



$\frac{1}{4}$
 Mc Lean-Tucker
 18-189-39
 39 cm 15 $\frac{1}{2}$ "

Traction Handle to be used with all obstetrical forceps with standard type handle



Bill
 18-191-20



$\frac{1}{2}$
 Kielland
 18-195-41
 41 cm/16"



$\frac{1}{4}$
 Kielland-Luikart
 18-197-40
 40 cm/15 $\frac{3}{4}$ "



$\frac{1}{4}$
 Luikart
 18-201-40
 40 cm/15 $\frac{3}{4}$ "

Traction Handle for obstetrical forceps
 33-195-41 - 33-201-40



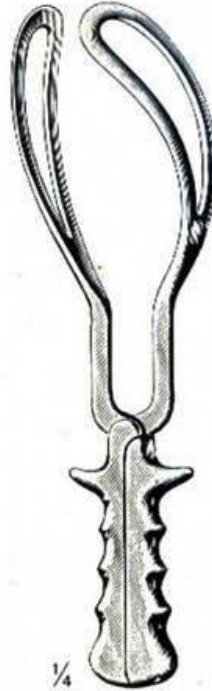
$\frac{1}{4}$
 Luikart-Bill
 18-211-21
 21 cm/8 $\frac{1}{4}$ "



Naegele
18-141-36 = 36 cm/ 14"
18-141-40 = 40 cm/ 16"



¼
Simpson
17-145-30
30 cm/ 12"



¼
Simpson-Braun
18-149-36 = 36 cm/ 14"



¼
Simpson-Luikart
18-155-36 = 36 cm/ 14"



¼
De Lee
18-161-30
30 cm/ 12"



¼
De Lee
18-165-36
36 cm/ 14"



Elliot
18-177-32 = 32 cm 12/1/2"
18-177-38 = 38 cm/ 15"



¼
Mc Lean
18-185-36
36 cm/ 14"



¼
Collin
18-107-35
35 cm 13¾"
cm Scale



¼
Breisky
18-115-33
33 cm / 13"
cm / inch scale

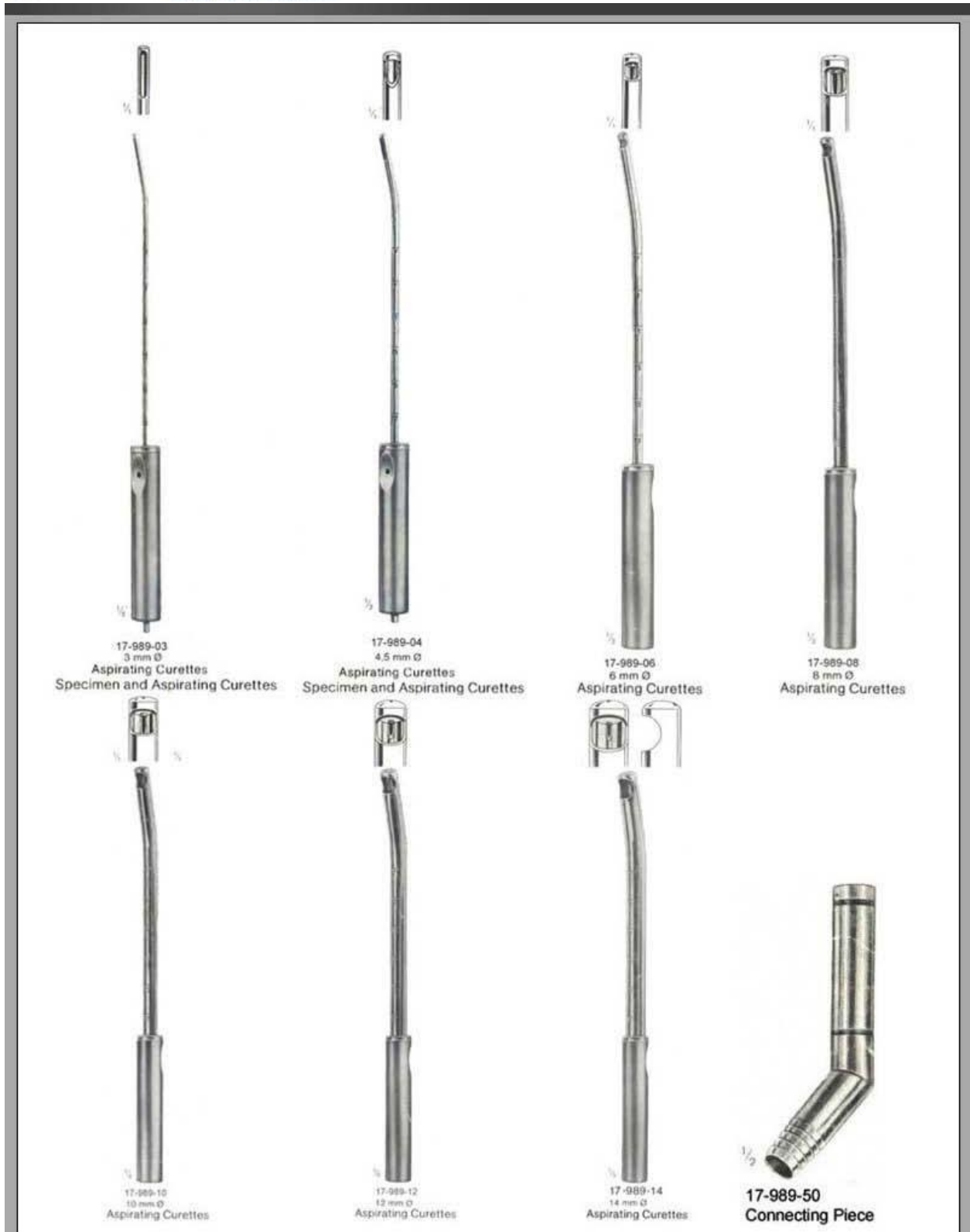


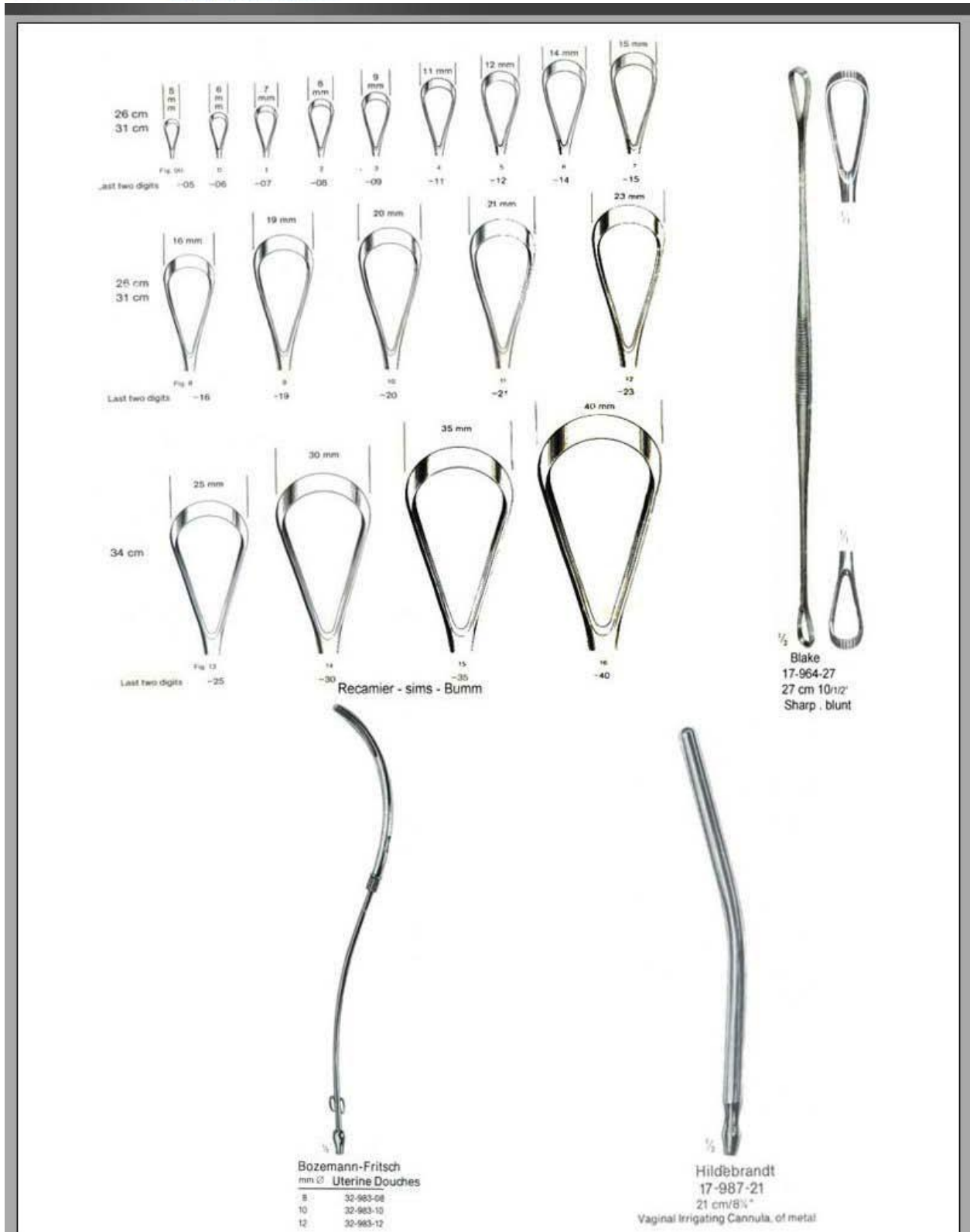
¼
Collyer
18-119-30
30 cm / 12"
cm / inch scale

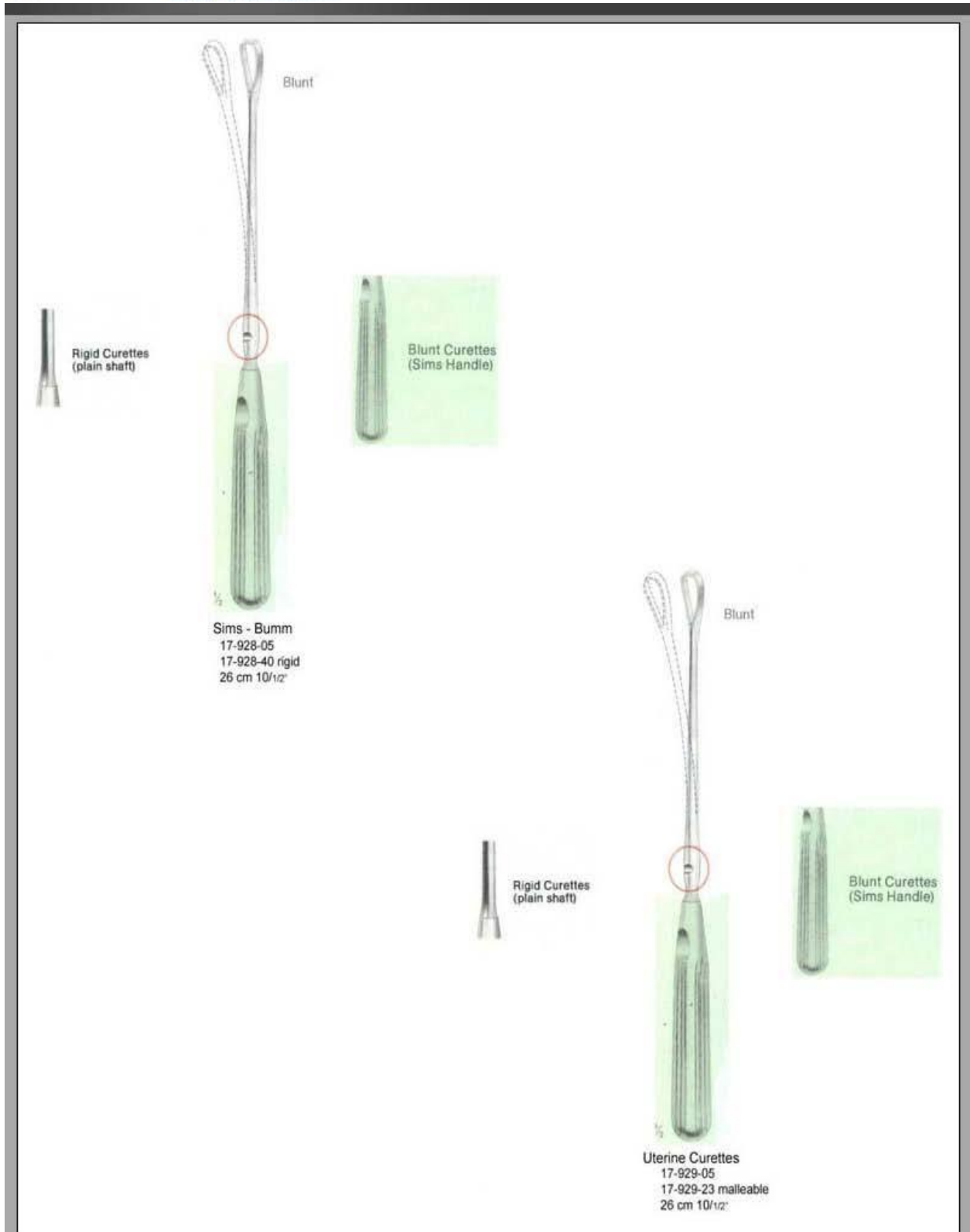
for internal measurements

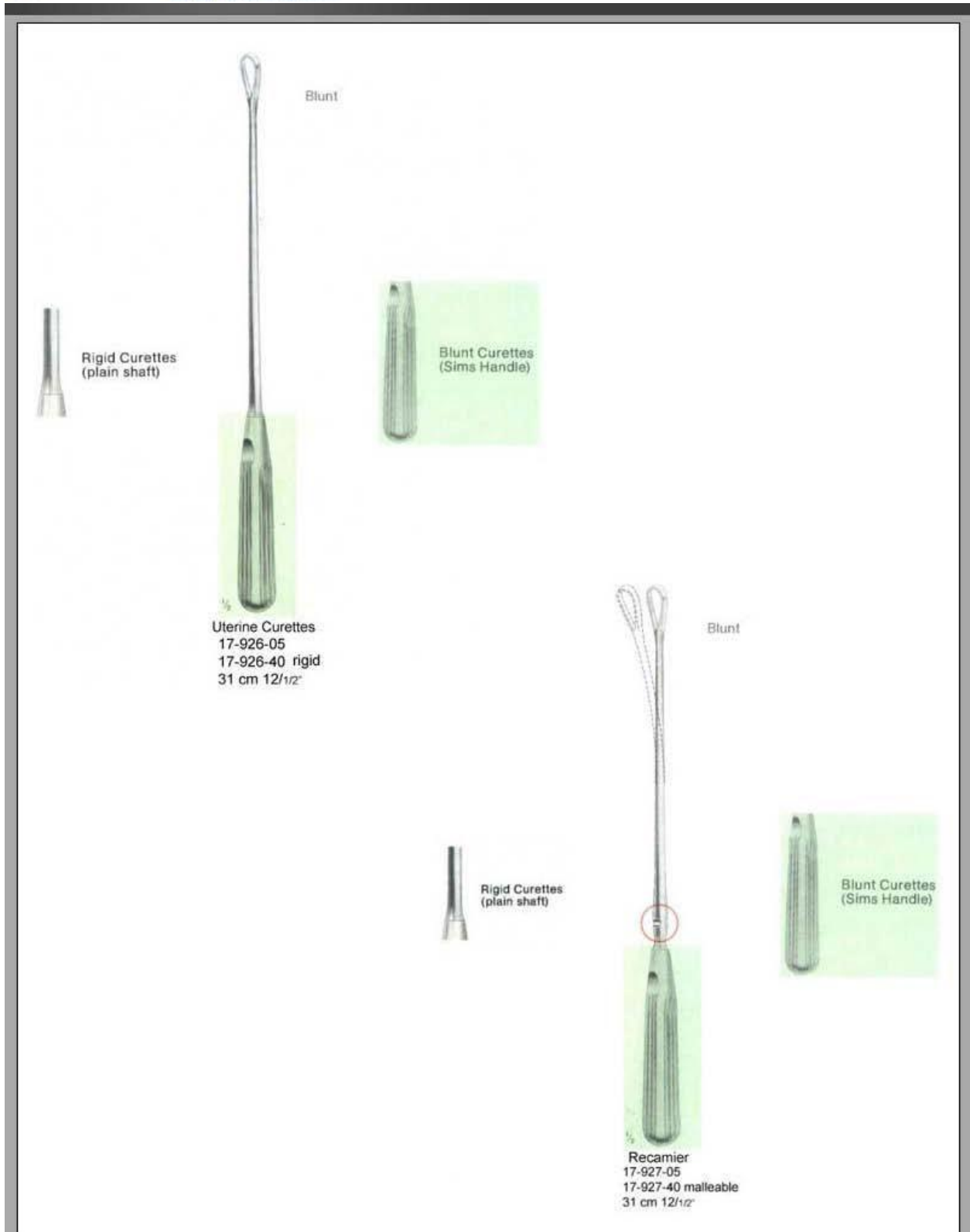


⅓
De Lee
18-125-20
20 cm / 8"
cm / inch scale

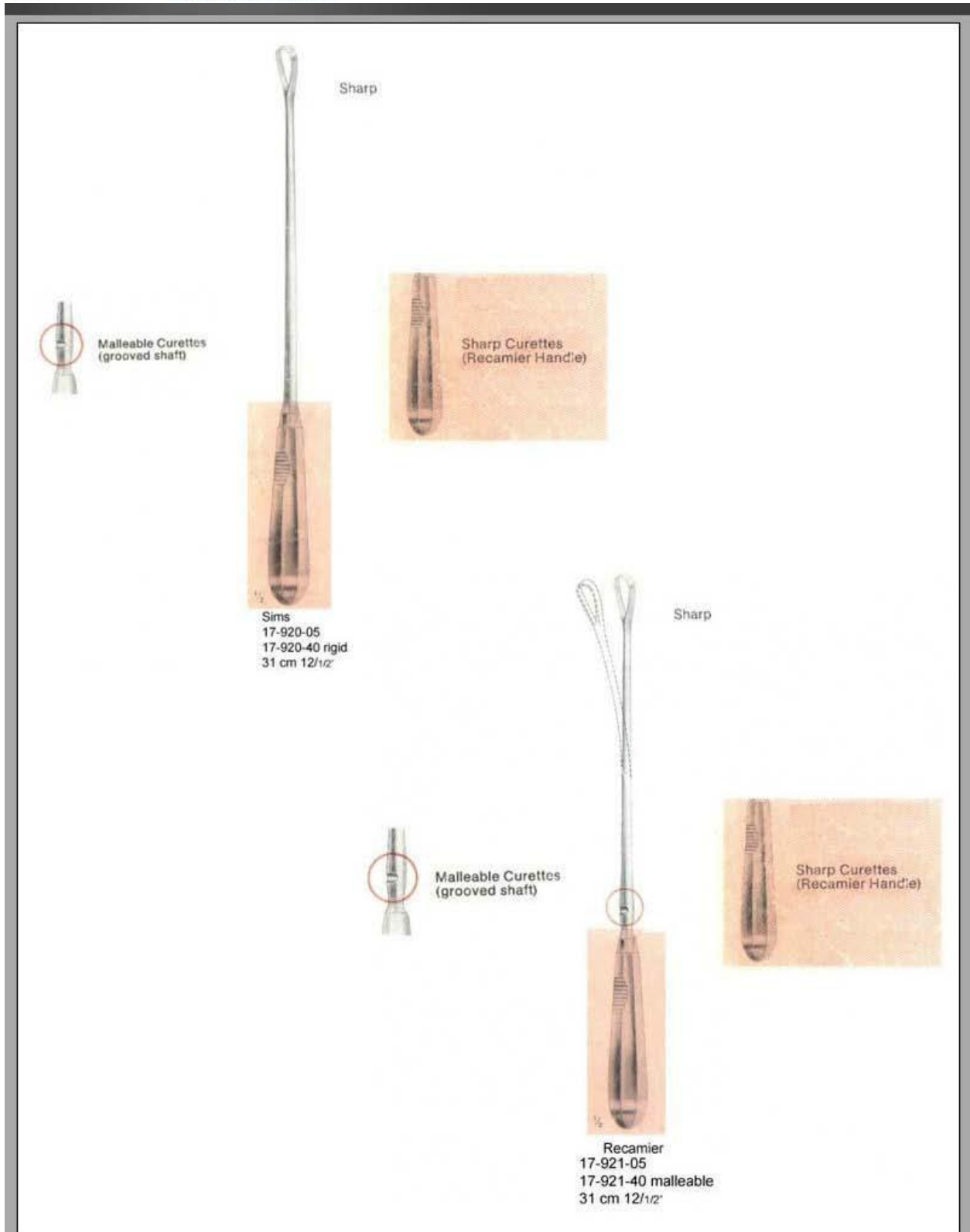


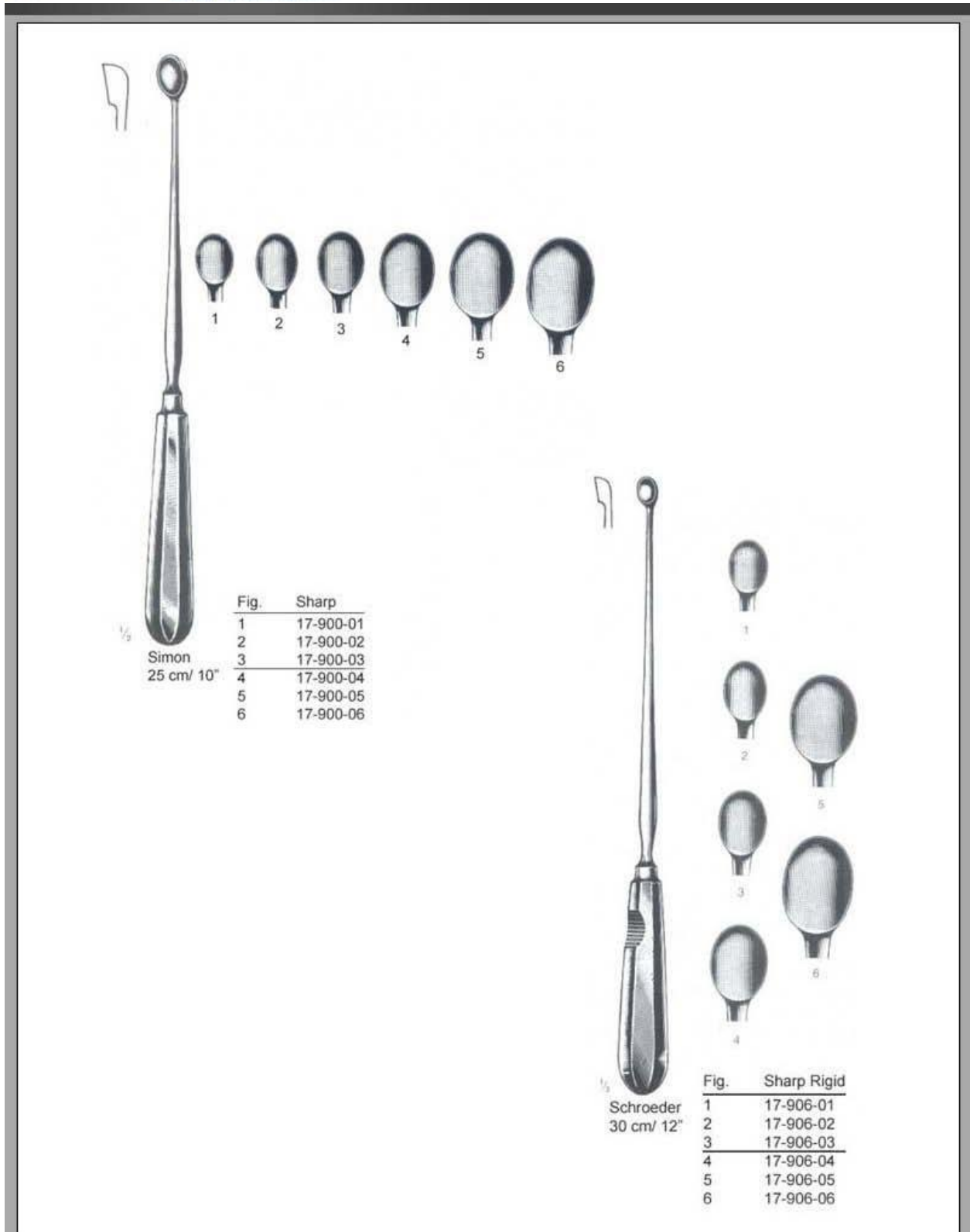


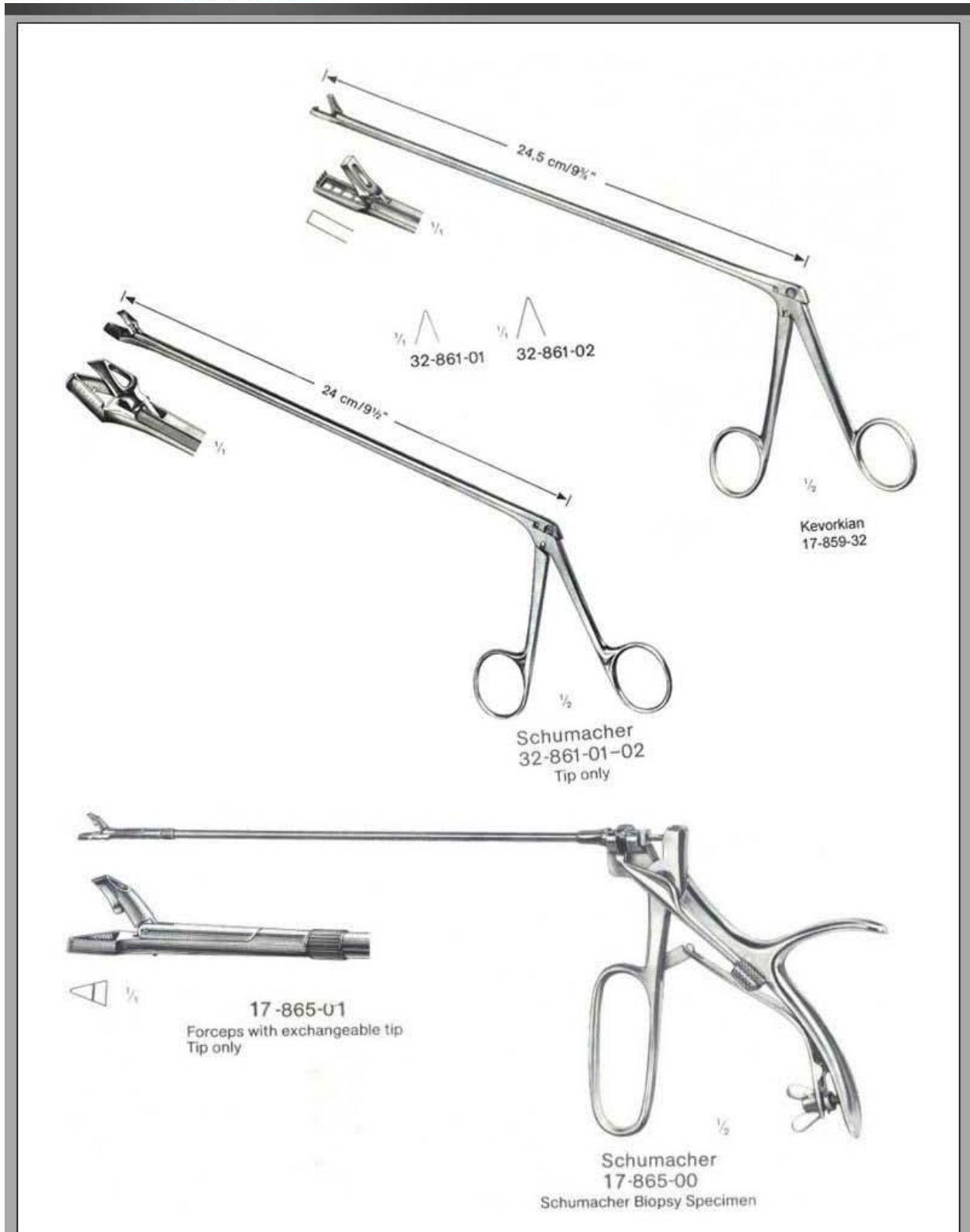


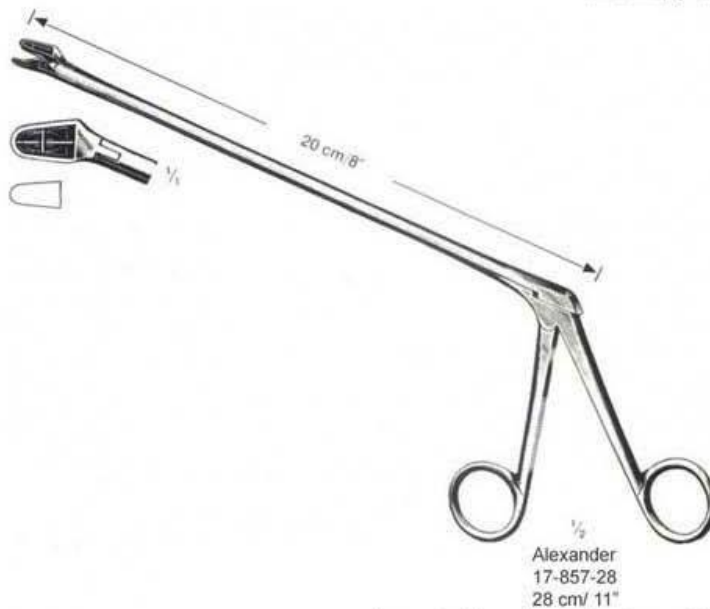
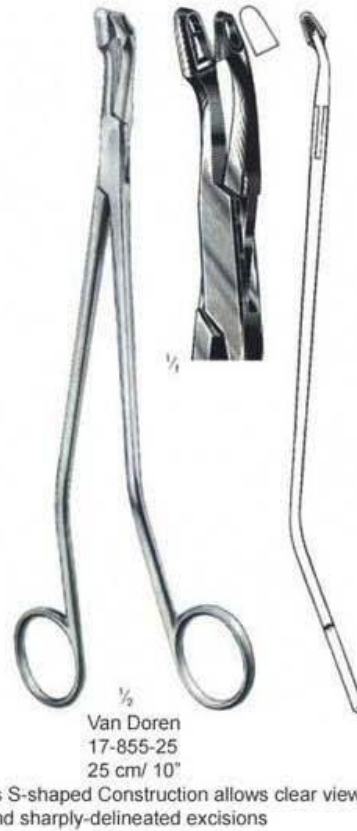












Jaws cut with apulling motion from point to rear.
 cutting edge planted into tissue. Batter view as
 jaws are curved to left



$\frac{1}{2}$
 Gellhorn
 17-841-23
 23 cm/ 9"



$\frac{1}{2}$
 Faure
 17-843-21
 21 cm 8 $\frac{1}{4}$ "



$\frac{1}{2}$
 Schubert

cm	in	
21	8 $\frac{1}{4}$	17-846-21
29	11 $\frac{1}{2}$	17-846-28



$\frac{1}{2}$
 Thoms-Gaylor
 17-849-24
 24 cm 9 $\frac{1}{2}$ "



$\frac{1}{2}$
 Thoms-gaylor
 17-851-22 = 22 cm 8 $\frac{1}{2}$ "
 17-851-24 = 24 cm 9 $\frac{1}{2}$ "



$\frac{1}{2}$
 Schubert
 17-853-26
 26 cm 10 $\frac{1}{4}$ "



1/2
 Randall
 17-821-24 Endometrial Suction Biopsy Curetts
 24 cm 9 1/2"
 4 mm Ø

1/2
 Novak
 17-825-23
 23 cm/ 9"
 4 mm Ø
 Endometrial Suction Biopsy Curettes

1/2
 Kevorkian
 17-827-30 Biopsy Curette
 30 cm/ 12"

1/2
 Mod. Muenchen
 17-829-27 ditto
 27 cm 10 1/2"



$\frac{1}{3}$
Dartigues
 17-773-27
 27 cm 10 $\frac{1}{2}$ "



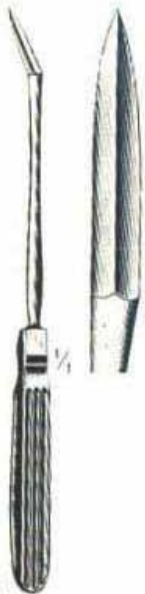
$\frac{1}{3}$
Somer
 17-779-23
 23 cm 9"



$\frac{1}{3}$
Priesmann
 17-783-27
 27.5 cm 10 $\frac{3}{4}$ "
 Uterine Elevating Forceps



$\frac{1}{3}$
Collin
 17-793-25
 25 cm 10"
 Uterine Elevating Forceps



$\frac{1}{3}$
Ayre
 17-801-23
 23 cm 9"
 Cone Knife



$\frac{1}{3}$
Emmet
 22 cm 8 $\frac{3}{4}$ "
 Cone Knife
 Fistula Hooks



$\frac{1}{4}$
 32-804-01



$\frac{1}{4}$
 32-804-02



$\frac{1}{4}$
 32-804-03



$\frac{1}{4}$
 32-804-04



$\frac{1}{4}$
 32-804-05



$\frac{1}{3}$
Simon
 17-806-22
 22 cm 8 $\frac{3}{4}$ "
 Fistula Hooks



$\frac{1}{3}$
Simon
 17-808-22
 22 cm 8 $\frac{3}{4}$ "
 Fistula Hooks



$\frac{1}{2}$
 Kelly
 17-741-32
 32 cm 12 $\frac{1}{2}$ "
 Uterine Polypous forceps



$\frac{1}{2}$
 Noto
 17-744-27
 27 cm 10 $\frac{1}{2}$ "
 Uterine polypus forceps



$\frac{1}{3}$
 Doyen
 17-756-20
 20 cm / 8"
 Ovarian Forceps



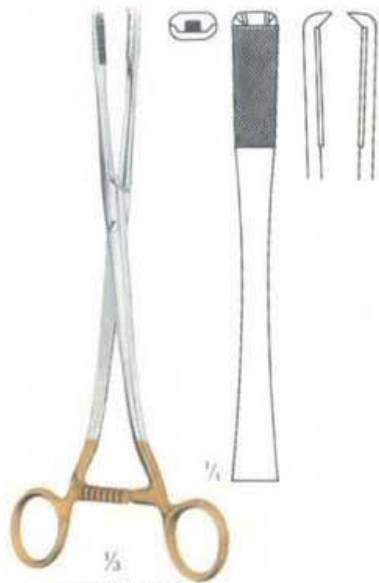
$\frac{1}{2}$
 Doyen
 17-757-17
 17 cm 6 $\frac{3}{4}$ "



$\frac{1}{2}$
 Doyen
 17-759-17
 17 cm 6 $\frac{3}{4}$ "
 Myoma Screw tumor screw



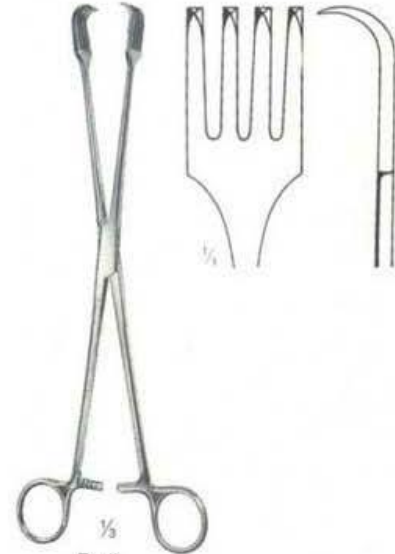
$\frac{1}{2}$
 Segond
 17-762-27
 Myoma Knife



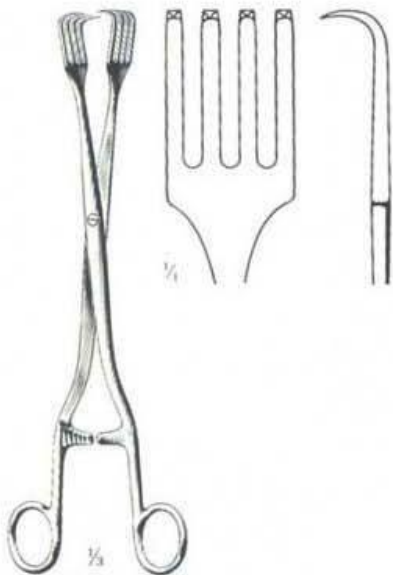
H.G. Muller
 17-730-24
 24 cm 9 1/2"



Henrotine
 17-732-20
 20.5 cm/ 8"



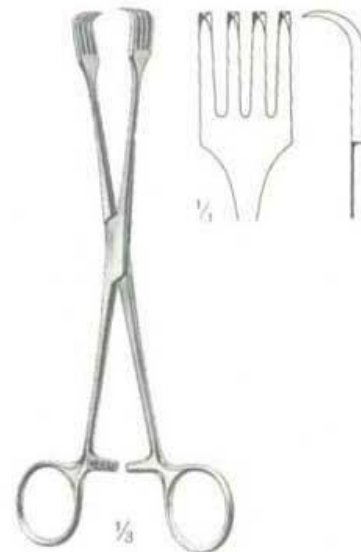
Pratt
 17-736-28
 28 cm/ 11"



Pratt
 17-736-28
 28 cm/ 11"



Braun
 32-738-16
 15,5 cm/6 1/4"



Czerny
 17-740-21
 20,5 cm/8 1/4"



Dupaly
17-645-28
28 cm/ 11"



Amniotome for the amnion bladder

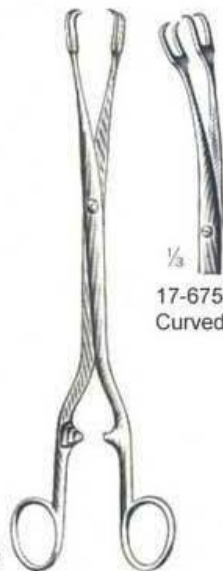
Beacham
17-659-26
26 cm 10/14"



Skene
17-663-24
24 cm 9/12"



Abel
17-670-27
27 cm 10/12"



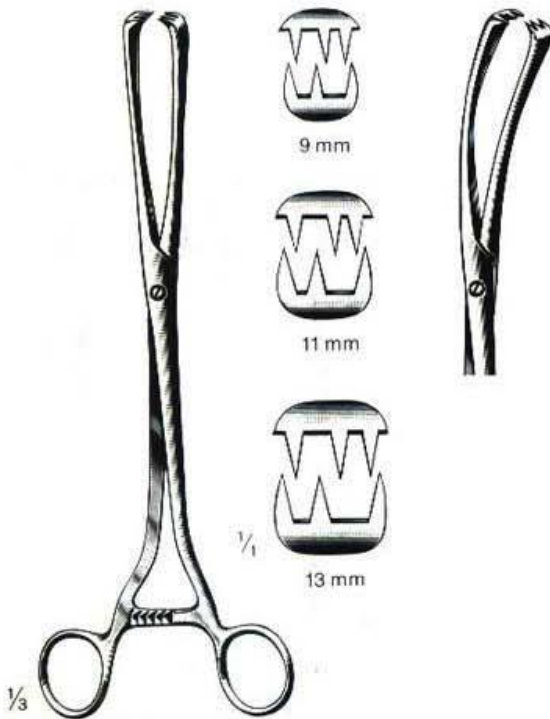
17-675-26
Curved on flat

Schroeder
17-647-26
26 cm 10/14"



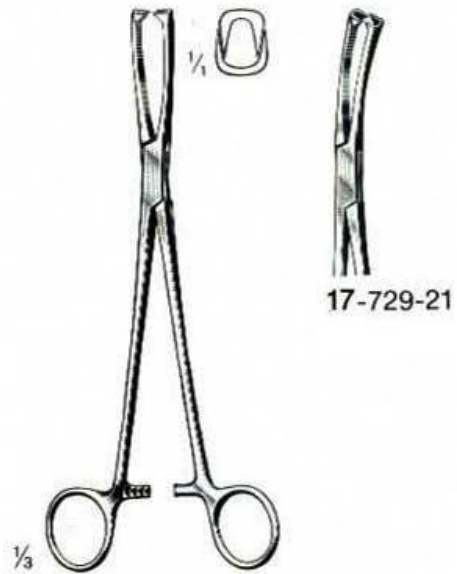
Curved on flat
17-683-20 = 20 cm/ 8"
17-683-24 = 24 cm 9/12"

Schroeder
17-682-20 = 20 cm/ 8"
17-682-24 = 24 cm 9/12"



Museux
26 cm/10 1/4"

straight	jaw width	curved sideways
17-720-26	9 mm	17-721-26
17-722-26	11 mm	17-723-26
17-724-26	13 mm	17-725-26



Jacobs
17-728-21
21 cm/8 1/4"
curved sideways



pozzi
17-636-25
25 cm/ 10"



pozzi
17-638-25
25 cm/ 10"



Teale
17-697-23
23 cm/ 9"



Lowa
17-699-26
26 cm 10 1/4"
for the amnion bladder



Museux
24 cm/9 1/2"

straight	curved sideways	jaw width
17-702-24	17-703-24	6 mm
17-704-24	17-705-24	8 mm
17-706-24	17-707-24	10 mm



Museux
24 cm/9 1/2"

straight	curved sideways
17-712-24	17-713-24
17-714-24	17-715-24
17-716-24	17-717-24



pozzi
17-636-25
25 cm/ 10"



pozzi
17-638-25
25 cm/ 10"



Teale
17-697-23
23 cm/ 9"



Lova
17-699-26
26 cm 10 1/4"
for the amnion bladder



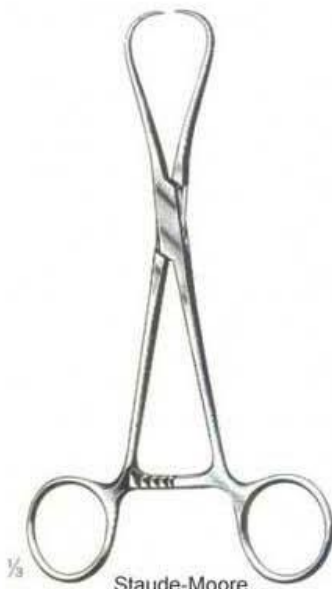
Museux
24 cm/9 1/2"

straight	curved sideways	jaw width
17-702-24	17-703-24	6 mm
17-704-24	17-705-24	8 mm
17-706-24	17-707-24	10 mm



Museux
24 cm/9 1/2"

straight	curved sideways
17-712-24	17-713-24
17-714-24	17-715-24
17-716-24	17-717-24



1/3
Staude-Moore
 17-614-17
 17 cm 6 3/4"



1/3
Barrett
 17-616-18
 18 cm 7"



1/3
Pozzi
 17-618-26
 25.5 cm 10 1/4"
 Strong pattern



1/3
Schroeder
 17-620-25
 25 cm/ 10"



1/3
Schroeder
 17-622-25
 25 cm/ 10"



1/3
Braun
 17-628-25
 25 cm/10"



Sims
 17-583-32
 17-584-32
 32 cm 12 1/2"

Uterine Sound Graduated with centimeter scale ditto, malleable uterine sound, graduated



Collin
 17-593-28
 28 cm/ 11"
 Uterine Sound, with slide and adjustable shaft



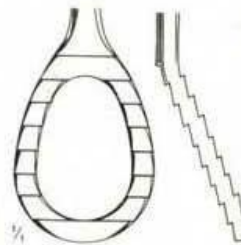
Valleix
 17-593-25
 25 cm/ 10"
 ditto, with slide



Braun
 17-595-26
 28 cm/ 11"
 Uterine Depressor



Sims
 17-597-26
 26 cm 10 1/4"
 ditto, toothed working ends

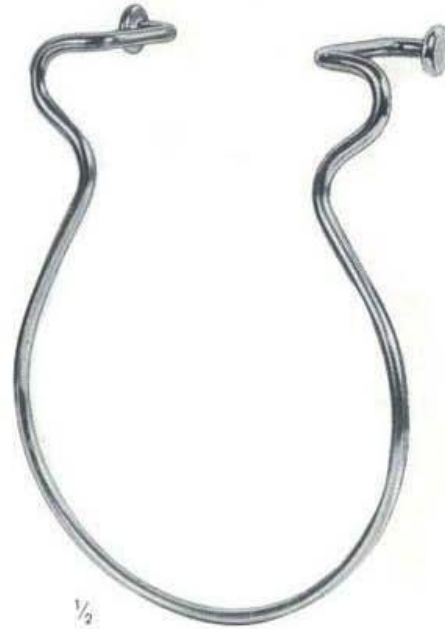




1/2

Friedman
17-367-10
 10 cm/4"

Retractor, self-retaining,
 for perineorrhaphy



1/2

Stieglitz
 17-373-12 = 12 x 12 cm/4 3/4 x 4 3/4"
 17-373-14 = 14 x 14 cm/5 3/2 x 5 1/2"
 Endospecula for cervix and urethra
 with S-shaped curve and fenestrated jaws



1/2

Kogan
17-381-24
 24 cm/9 1/2"
 without ratchet



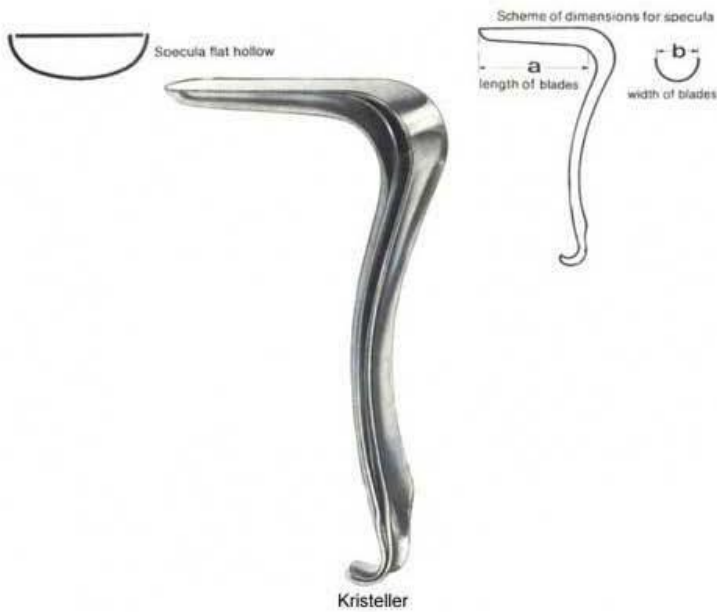
1/2

Kogan
17-383-24
 24 cm/9 1/2"
 with scale-ratchet and fixing screws









Kristeller

Fig.	
1	17-199-01
2	17-199-02
3	17-199-03

Set of 1 speculum and 1 Retractors

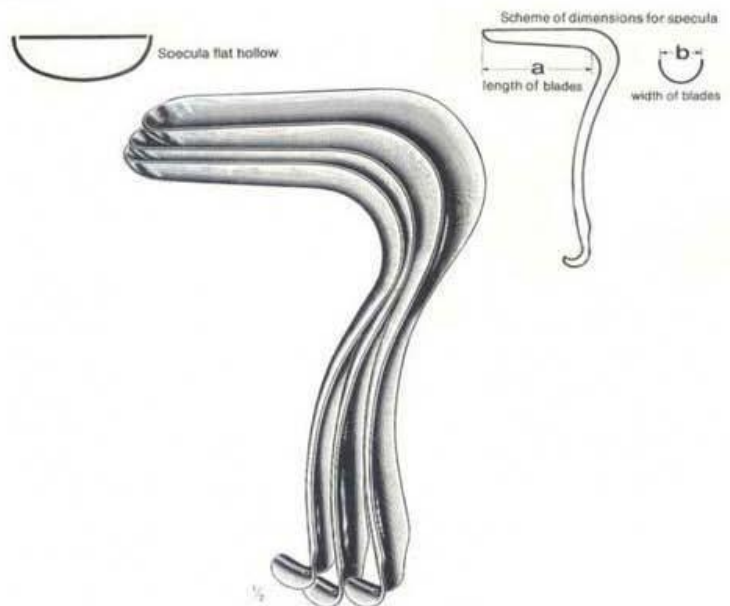


Fig.	Kristeller		speculum
	a mm	b mm	
1	110	27	17-202-01
2	110	20	17-202-02
3	110	36	17-202-03

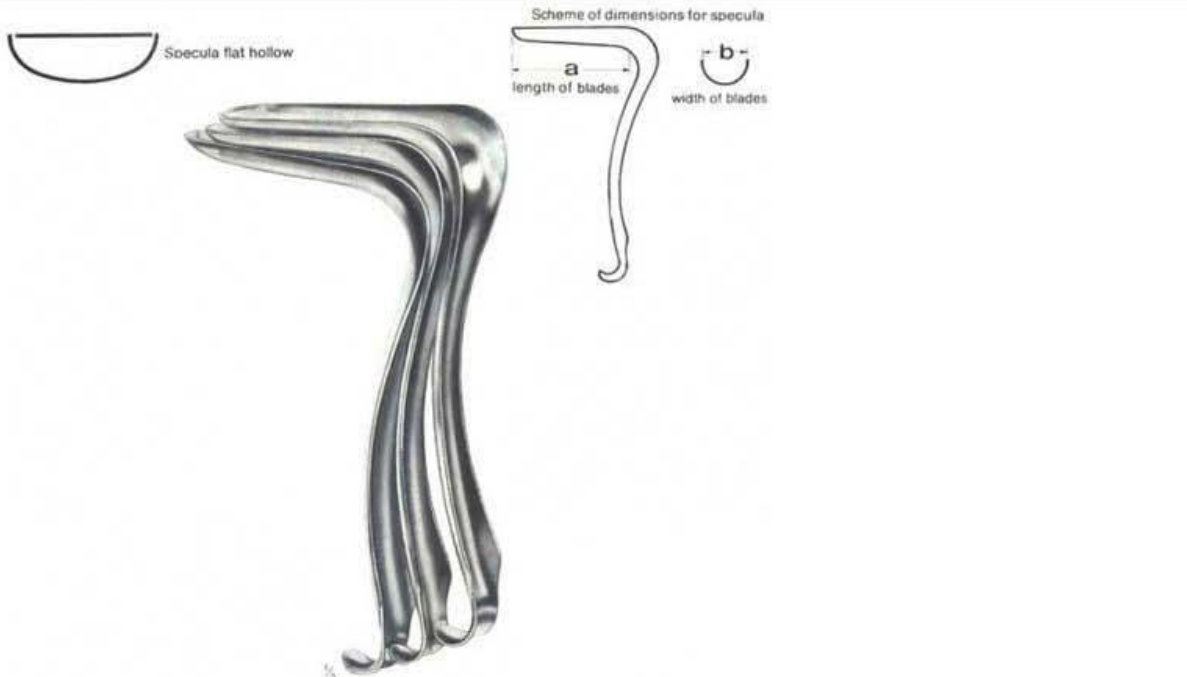


Fig.	a mm	b mm	Specula
1	110	27	17-196-01
2	110	30	17-196-02
3	110	36	17-196-03

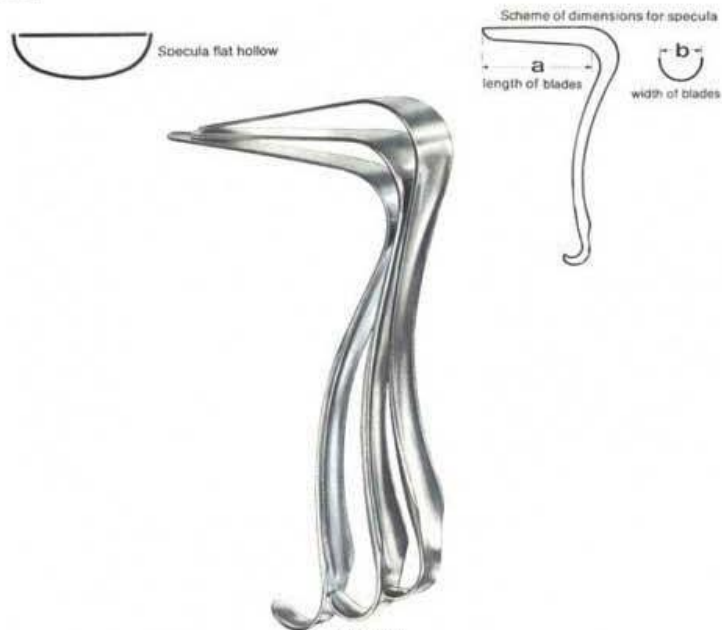
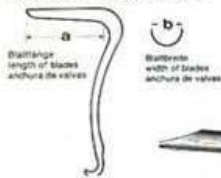


Fig.	Kristeller		Retractors
	a mm	b mm	
1	115	23	17-197-01
2	115	26	17-197-02
3	115	32	17-197-03



Malleochaeta for Speculum
 Schema of dimensions for specula
 Esquema de dimensiones para los espejos



Doyen

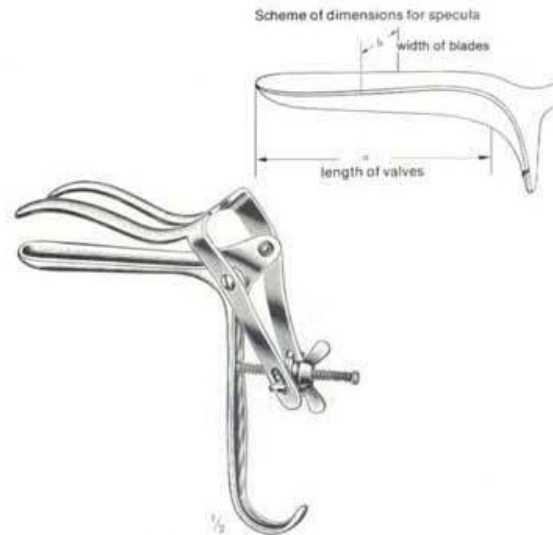
Fig	a mm	b mm
17-280-01=1	55	45
17-280-02=2	85	45
17-280-03=3	115	45



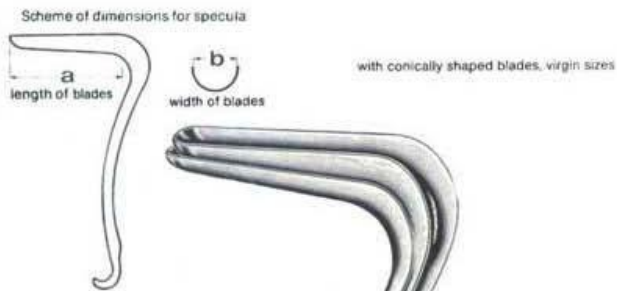
- Set consisting of handle A and B and 8 blades
- Blades only
- Handles A and B only



Semm
17-132-01 = 100 x 17/20 mm
17-132-02 = 100 x 25/30 mm
for one handed use



Nott
a mm b mm
90 30 17-136-01
110 30 17-136-02
ditto, with hook handle

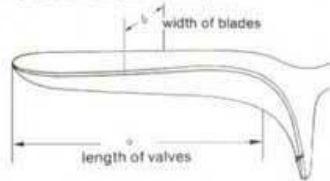


Kristeller
a mm b mm Specula
Fig. 00 110 16 17-190-01
0 110 21 17-190-02



Kristeller
a mm b mm Retractors
Fig. 00 115 14 17-191-01
0 115 17 17-191-02

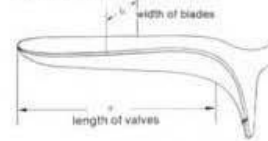
Scheme of dimensions for specula



Collin-Landau

a	b	
mm	mm	detachable, top blade shorter
100	35	17-122-02

Scheme of dimensions for specula

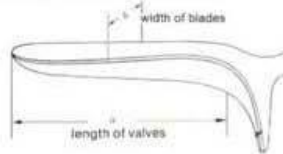


Trélat

a	b	
mm	mm	
85	33	17-126-01
95	35	17-126-02
115	43	17-126-03

detachable, with folding handles

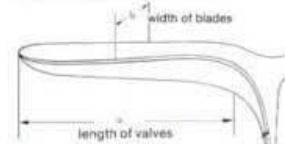
Scheme of dimensions for specula



Pederson

a	b	
mm	mm	
75	13	17-128-01
100	22	17-128-02
120	25	17-128-03

Scheme of dimensions for specula

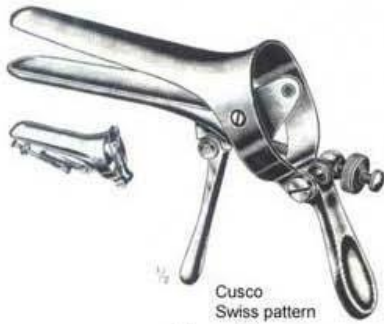
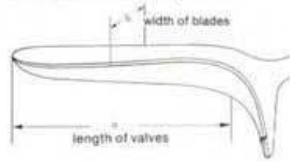


Grave

a	b	
mm	mm	
75	20	17-130-01
95	35	17-130-02
115	35	17-130-03

with lateral ratchet, detachable, lower blade convertible into vaginal retractor

Scheme of dimensions for specula

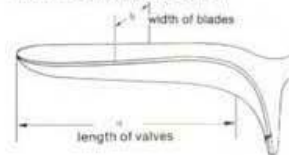


Cusco
Swiss pattern

a	b	
mm	mm	
80	22	17-114-01
100	25	17-114-02
105	27	17-114-03

Swiss Pattern, narrow, with lateral ratchet, with folding handles.

Scheme of dimensions for specula

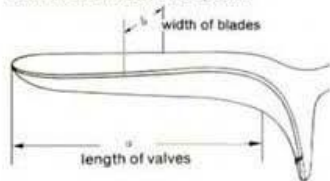


Cusco

a	b	
mm	mm	
75	32	17-116-01
85	35	17-116-02
100	37	17-116-03

With ratchet, with folding handles

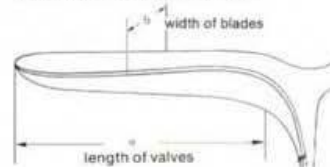
Scheme of dimensions for specula



Collin

a	b	
mm	mm	
65	20	17-118-01

Scheme of dimensions for specula



Collin

a	b	detachable
mm	mm	
85	30	17-120-01
100	35	17-120-02
110	40	17-120-03



Fergusson

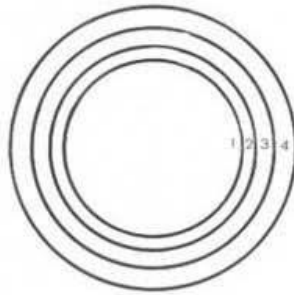
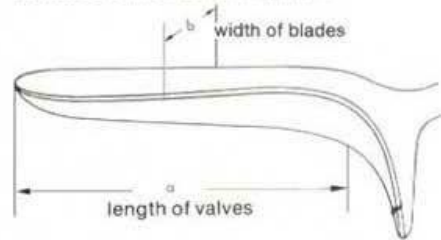


Fig.	mm Ø	
1	25	17-102-01
2	30	17-102-02
3	35	17-102-03
4	40	17-102-04

Metal Specula, tubular shape

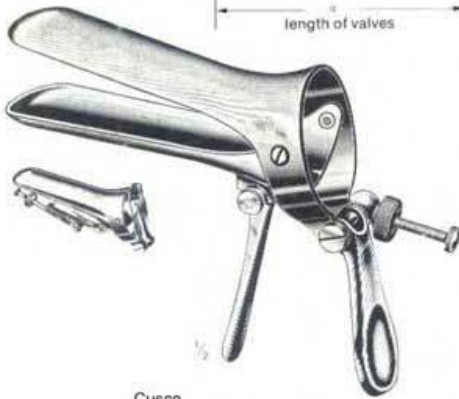
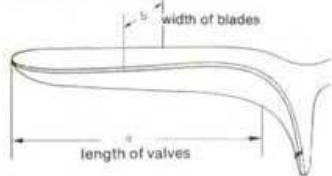
Scheme of dimensions for specula



for children

Collin
17-106-01
55 x 10 mm

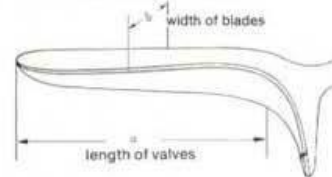
Scheme of dimensions for specula



Cusco		
a	b	
mm	mm	
75	32	17-110-01
85	35	17-110-02
100	35	17-110-03

Vaginal specula, with lateral ratchet, withfolding handles

Scheme of dimensions for specula



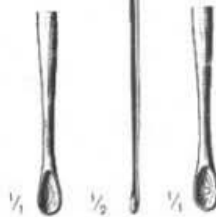
Cusco		
a	b	
mm	mm	
75	17	17-112-01

ditto, conical shape, virgin size



1/4

1/4



1/4

1/2

1/4

Guttmann Without holes
 16-840-26, 16-842-26
 26 1/2 cm 10 1/2"



1/4

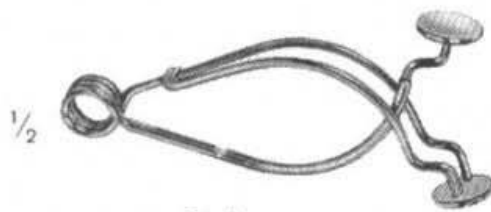
1/2

16-850-16
 16 cm 6 1/4"
 Secretion Spatula, for urethral
 specimen taking



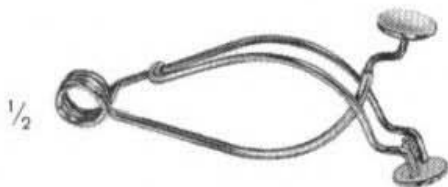
1/2

jusbasic
 16-873-19
 19 cm 7 1/2"
 Penis Seizing Forceps



1/2

Stockmann
 16-875-08
 Meatus Clamp



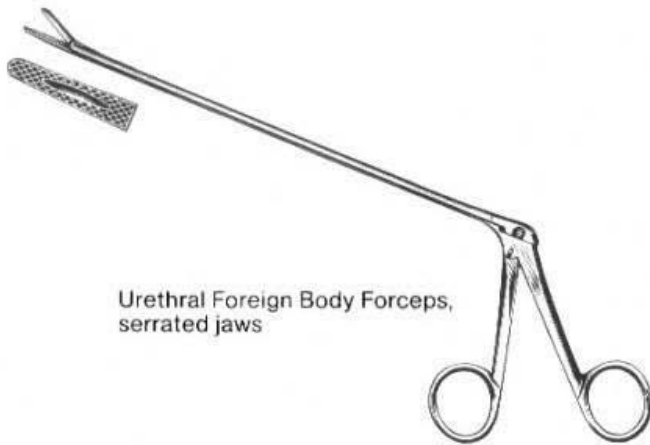
1/2

Stockmann
 16-877-08
 ditto, with catch



1/2

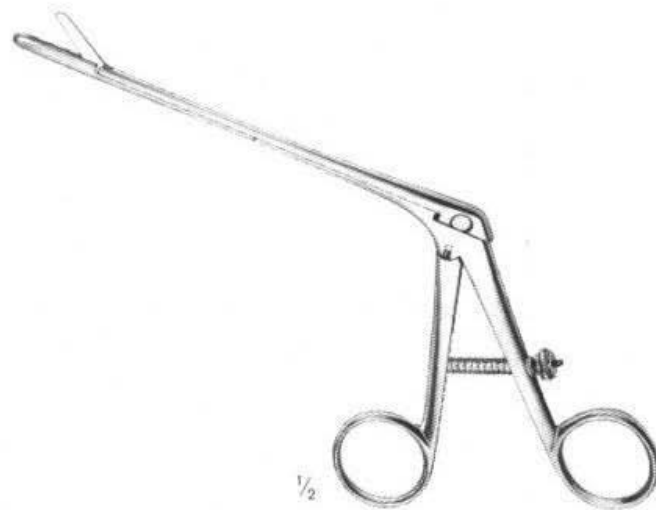
Strauss
 16-881-11
 ditto, rubber covered



Urethral Foreign Body Forceps,
serrated jaws

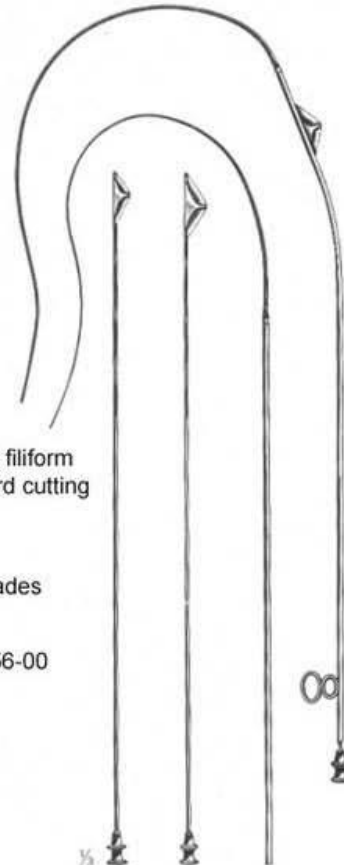
Mathieu

Lengths of shafts		
20 cm	8"	16-811-20
28 cm	11"	16-811-28



1/2

Sachse
16-817-12
Meatotome

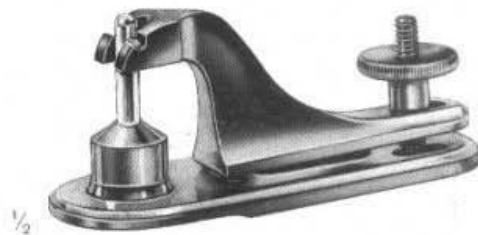


16-755-00
 Urethrotome, Complete with 2 filiform
 guides. 1 Stilete and 3 outward cutting
 blades.
 16-756-00
 ditto, but with 3 inward cutting blades
 16-757-00
 Wood Case for 16-755-00-16-756-00

Maisonneuve
 16-755-00-16-757-00



16-760-00
 knutson urethrography instrument,
 consisting of hold, penile, adjustable,
 with sliding cannula with rubber cone



16-765-08-16-765-32

- | | |
|-----------|--------------------------|
| 16-765-08 | 8 mm Ø, baby size |
| 16-765-11 | 11 mm Ø, child size |
| 16-765-13 | 13 mm Ø, child size |
| 16-765-16 | 16 mm Ø, adolescent size |
| 16-765-21 | 21 mm Ø, adolescent size |
| 16-765-26 | 26 mm Ø, men's size |
| 16-765-32 | 32 mm Ø, men's size |

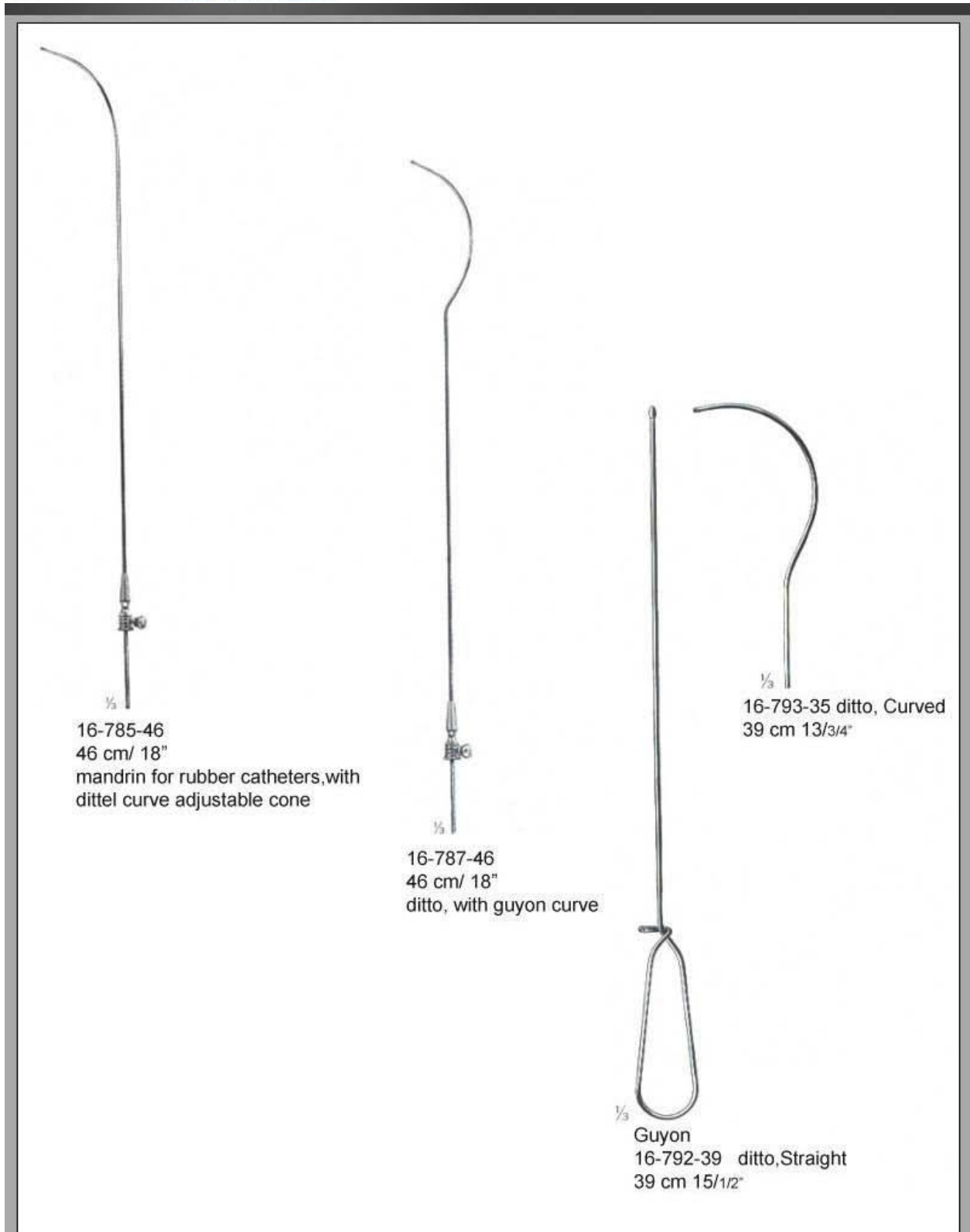
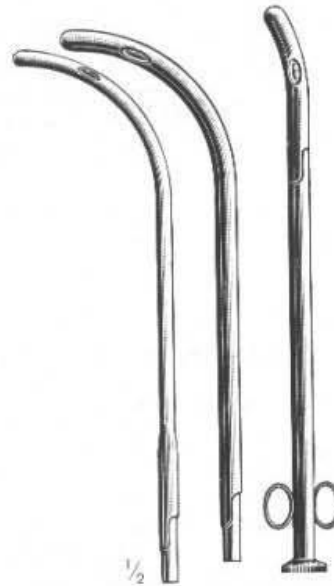


Table of measurements
Tabla de medidas

Scale mm Ø	I (French)	
2	6	16-701-06
2 1/2	7	16-701-07
2 2/3	8	16-701-08
3	9	16-701-09
3 1/2	10	16-701-10
3 2/3	11	16-701-11
4	12	16-701-12
4 1/2	13	16-701-13
4 2/3	14	16-701-14
5	15	16-701-15
5 1/2	16	16-701-16
5 2/3	17	16-701-17
6	18	16-701-18
6 1/2	19	16-701-19
6 2/3	20	16-701-20
7	21	16-701-21
7 1/2	22	16-701-22
7 2/3	23	16-701-23
8	24	16-701-24



16-701-06 – 16-701-24
(French) No. 6–24
27 cm/10 1/2" Male Catheters



16-727-00
Male, female and childrens

Table of measurements
Tabla de medidas

Scale mm Ø	I (French)	
2	6	16-721-06
2 1/2	7	16-721-07
2 2/3	8	16-721-08
3	9	16-721-09
3 1/2	10	16-721-10
3 2/3	11	16-721-11
4	12	16-721-12
4 1/2	13	16-721-13
4 2/3	14	16-721-14
5	15	16-721-15
5 1/2	16	16-721-16
5 2/3	17	16-721-17
6	18	16-721-18
6 1/2	19	16-721-19
6 2/3	20	16-721-20
7	21	16-721-21
7 1/2	22	16-721-22
7 2/3	23	16-721-23
8	24	16-721-24



16-725-00
Male and Female



16-721-06 – 16-721-24
15 cm/6" (French) No. 6–24
Female Catheters
Combined, for pocket sets



$\frac{1}{3}$
Dittel
6- 10 mm
18-30 Charrière
16-578-00
single

Dilating Sound, graduated in mm (diameter), from 6 to 10 mm



$\frac{1}{3}$ 20
Dittel Charrière(French)
No. 8-30

Set 16-580-00
Single 16-580-08 - 16-580-30



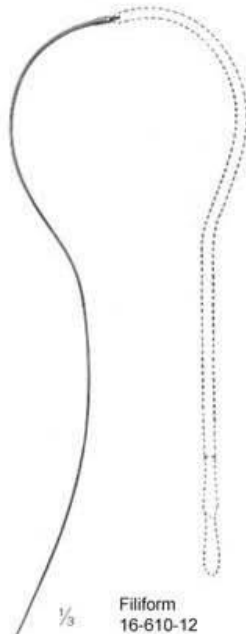
$\frac{1}{3}$ 21
Van Buren Charrière(French)
No. 8-36
Set 16-599-00
Single 16-599-08 - 16-599-36



$\frac{1}{3}$ 24
Guyon Charrière
No. 10-30
Set 16-605-00
Single 16-605-10 - 16-605-30
Urethral Dilating Sounds, Without interior thread



$\frac{1}{3}$ 36
Guyon Charrière
No. 10-30
Set 16-607-00
Single 16-607-10 - 16-607-30



$\frac{1}{3}$
Filiform
16-610-12
Filiform Bougie to be Screwed on bougies 16-607-10-16-607-30



Guyon
16-612-00
420 x 175 x 40 mm
Set in metal case, Containing
21 Bougies Guyon 16-607-10-16-607-30
6 Filiform bougies 16-610-12 in metal tube



Judd-Masson
 16-510-00
 Bladder Retractor with 2 swivel
 blades and centre spatula



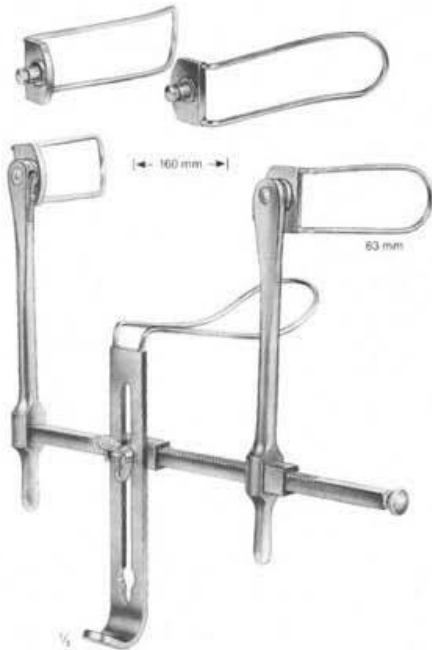
1/2
 Legueu
 16-527-27
 27 cm/10 1/2"



1/2
 Kocher
 16-541-26
 26 cm 10 1/4"



1/2
 Kocher
 16-547-26
 26 cm 10 1/4"



Bladder Retractor
 Gossel
 16-470-00



Millin
 16-475-00
 Meatus Clamp (Bladder Neck Spreader)



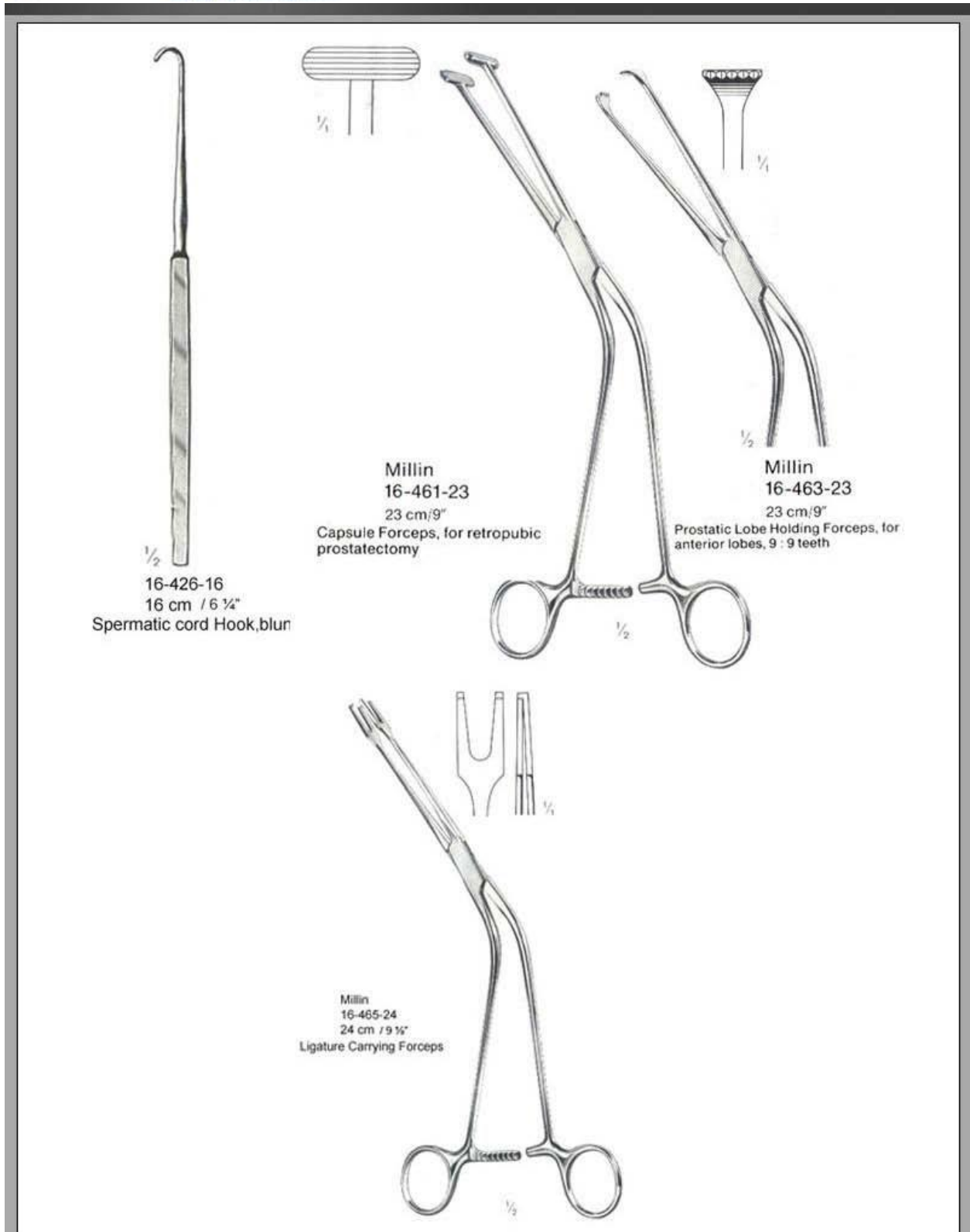
Thomson-Walker
 16-503-00
 Bladder Retractor, self-retaining, with
 4 detachable blades, centre spatula and
 retractor



Legueu
 15-508-00
 ditto, with 2 detachable blades and
 centre spatula

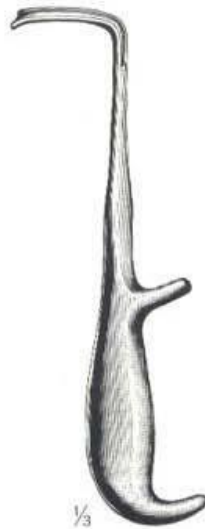


Judd-masson
 16-509-00
 ditto, for suprapubic prostatectomy,
 with 2 swivel blades





La Place
 16-381-34 $\frac{1}{3}$
 34 cm/13½"
 Liver Retractor for operations of gall
 bladder and gall ducts



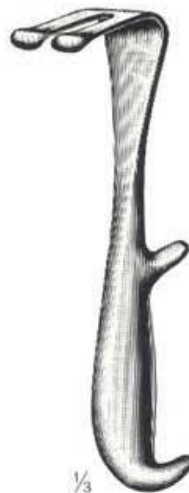
$\frac{1}{3}$
 Young
 16-401-21
 21 cm/8¼"
 Prostatic Retractors



$\frac{1}{3}$
 Young
 16-403-22
 22 cm/8¾"
 Prostatic Retractors



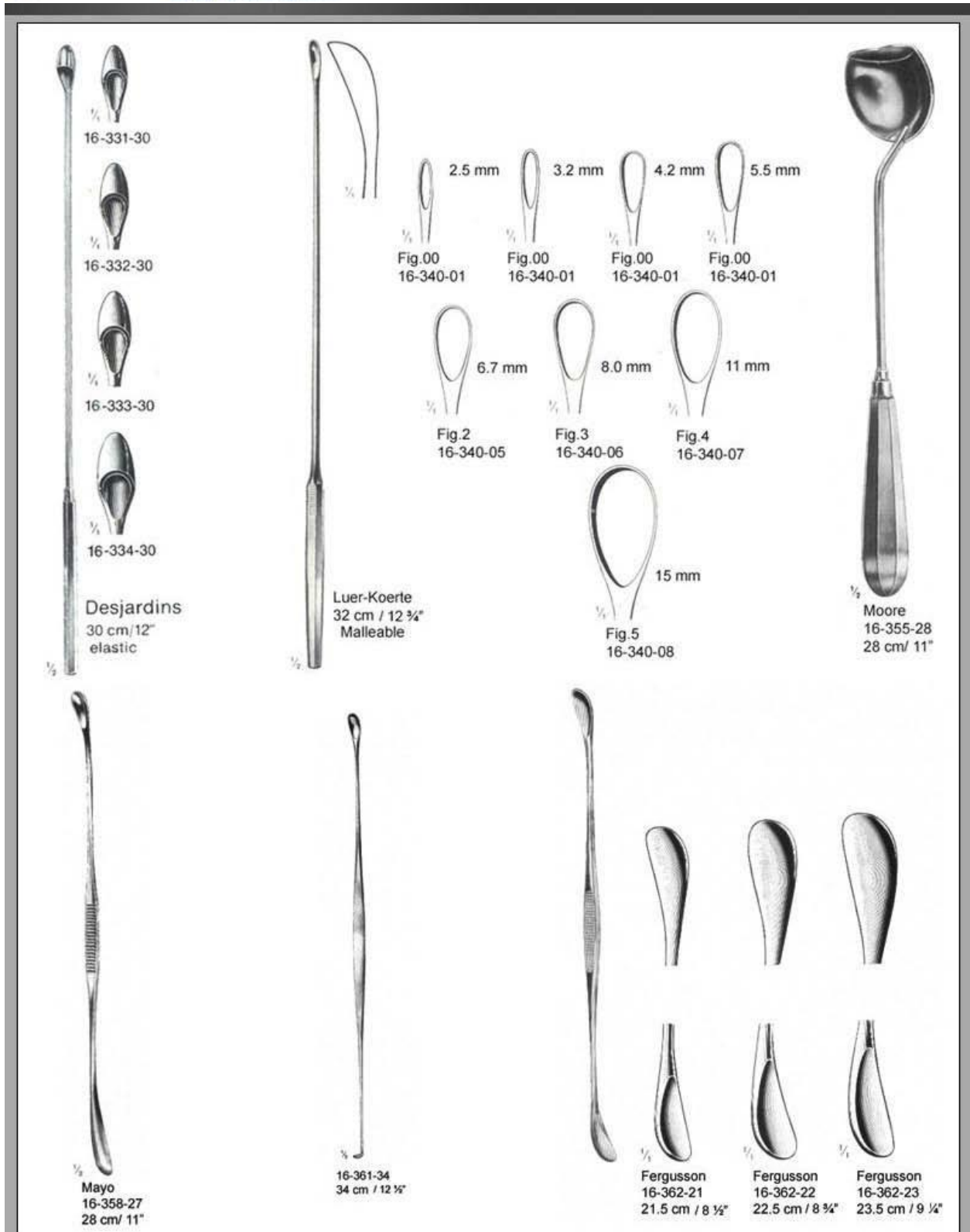
$\frac{1}{3}$
 Young
 16-405-21
 21 cm/8¼"
 for bulb
 Prostatic Retractors

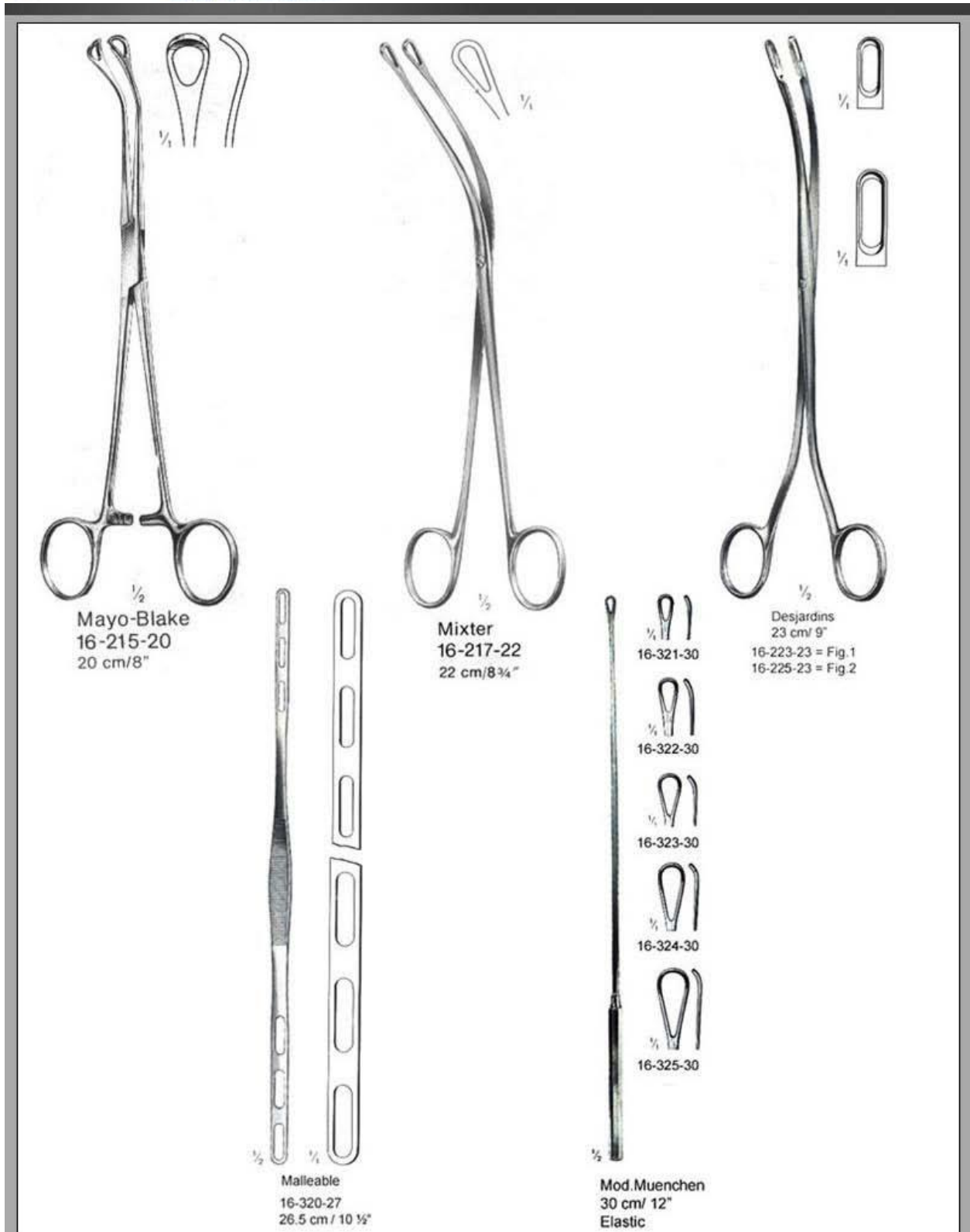


$\frac{1}{3}$
 Young
 16-407-22
 22 cm/8¾"
 Prostatic Retractors



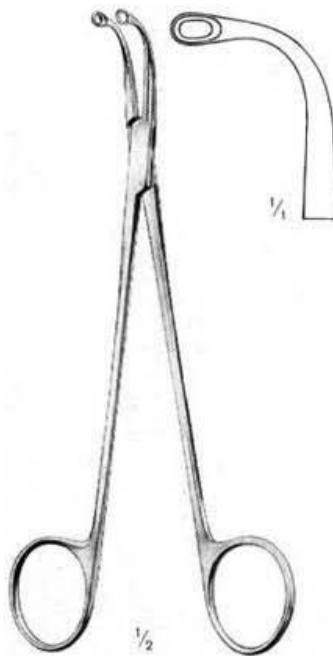
$\frac{1}{3}$
 Proust
 16-411-21
 21 cm/8¼"
 for external sphincter







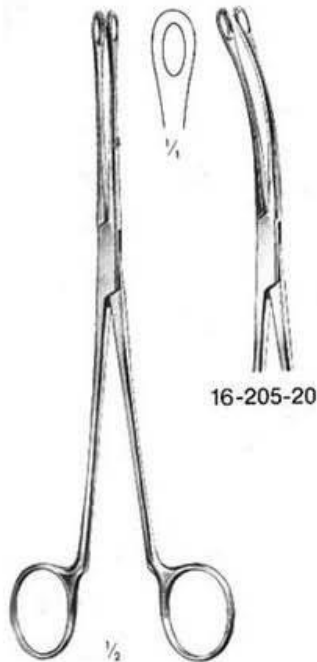
Czerny
 16-201-25
 24,5 cm/9 1/4"



Turner-Warwick
 16-203-18
 18 cm/7"



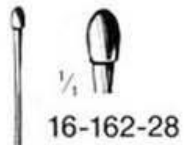
Turner-Warwick
 16-203-19
 19 cm/7 1/2"



Blake
 16-204-20
 20 cm/8"



Mayo-Blake
 16-214-20
 20 cm/8"



Bakes
30 cm/12"

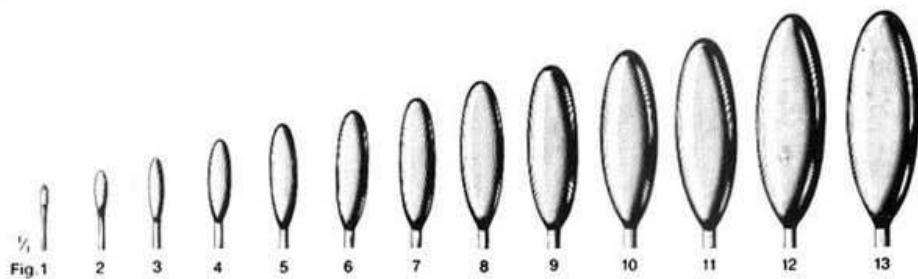
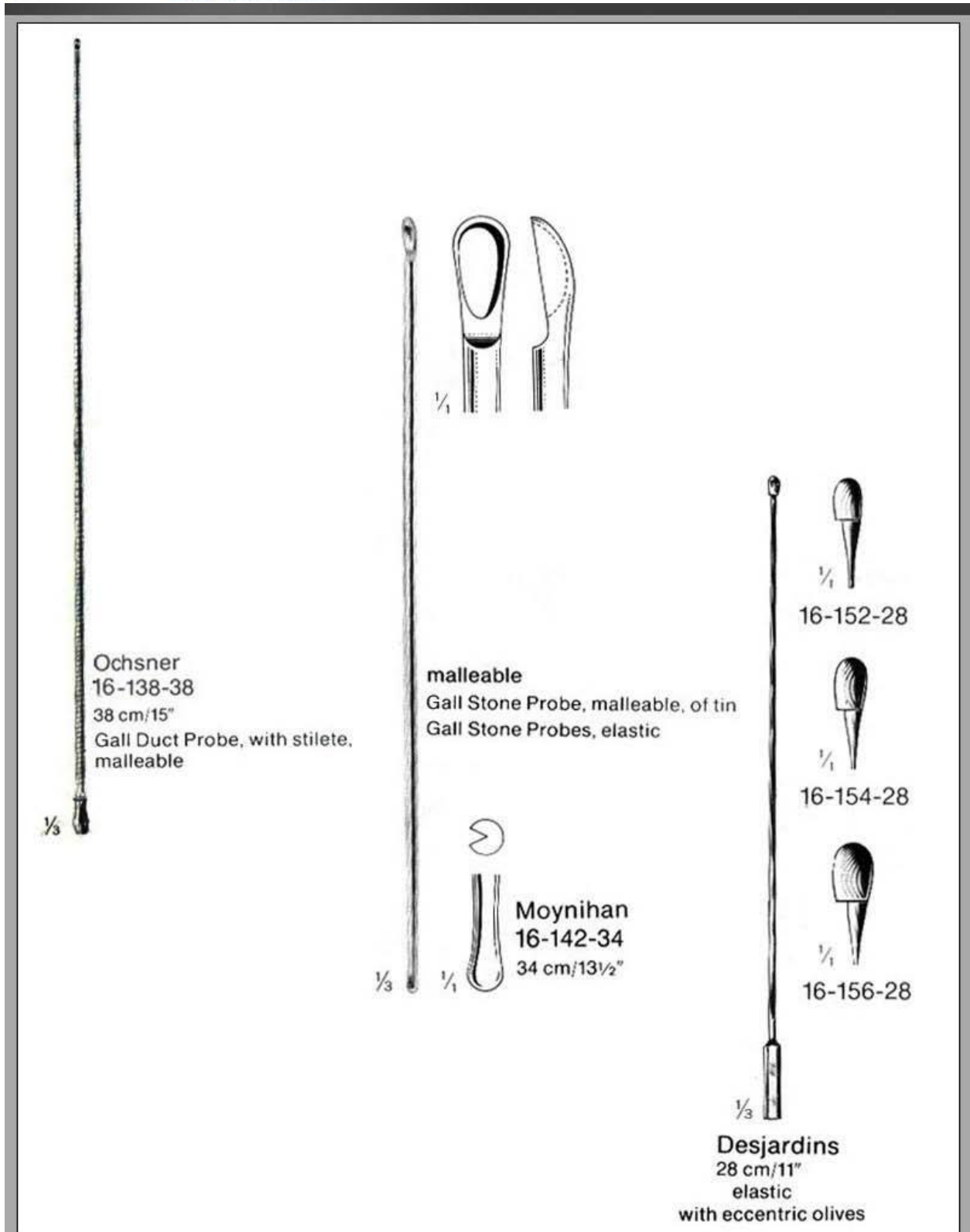


Fig. 1	2	3	4	5	6	7
16-170-01	16-170-02	16-170-03	16-170-04	16-170-05	16-170-06	16-170-07
Fig. 8	9	10	11	12	13	
16-170-08	16-170-09	16-170-10	16-170-11	16-170-12	16-170-13	

malleable shaft
Gall Duct Dilators, copper shaft,
malleable





Kocher
16-112-26
26.5 cm/10 1/2"
Kidney Holding Forceps



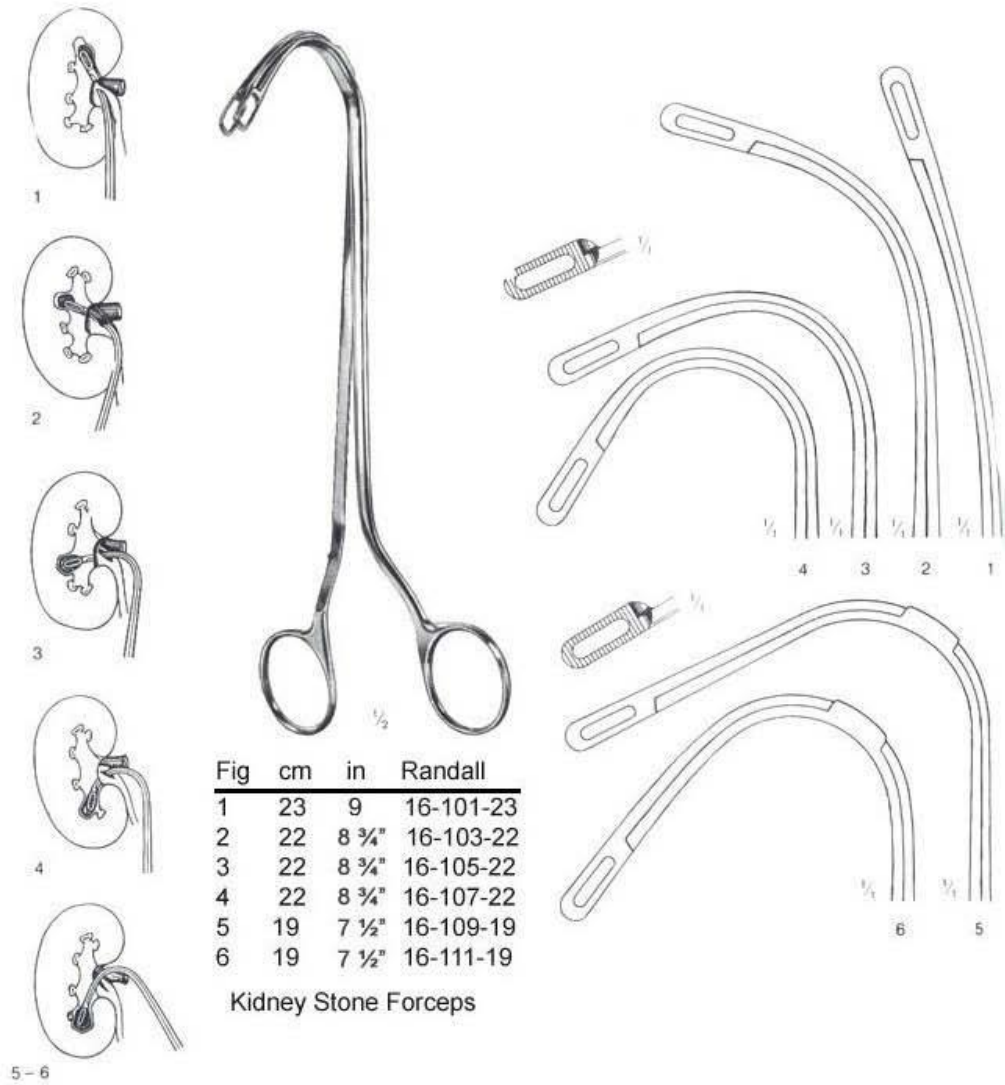
Elsässer
16-115-01
20 cm/8"
Nephrostomy Forceps

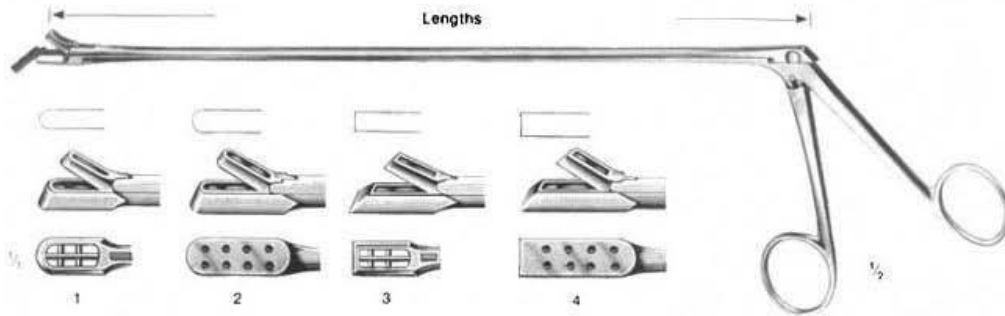


Elsässer
16-115-02
20 cm/8"
Nephrostomy Forceps



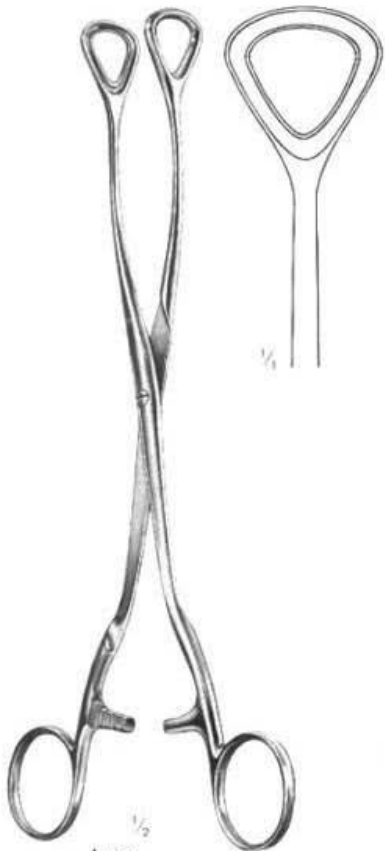
Legueu
16-121-22
Kidney Spatula



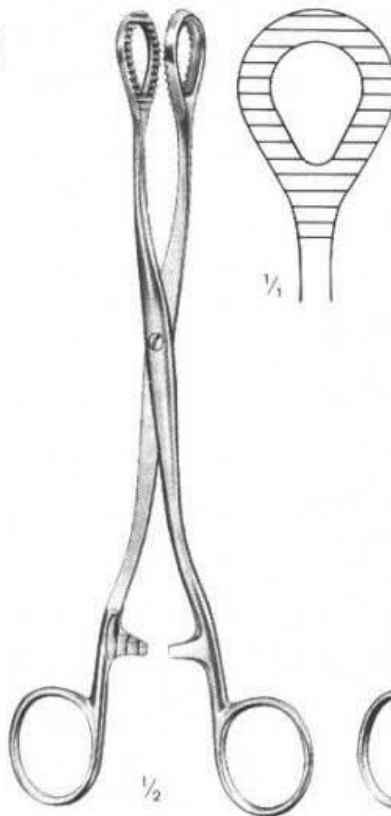


cm	in	Fig.1	2	3	4
28	11	15-721-28	15-722-28	15-723-28	15-724-28
35	13 3/4"	15-721-35	15-722-35	15-723-35	15-724-35
42	6 1/2"	15-721-42	15-722-42	15-723-42	15-724-42

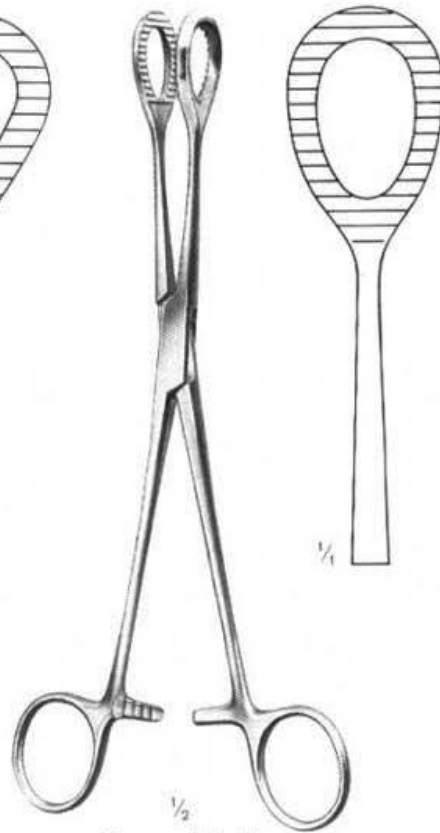
Rectal Biopsy Punch Forceps



Luer
15-750-24
24.5cm / 9 3/4"



Heywood-Smith
15-756-20
20 cm / 8"



Heywood-Smith
15-758-21
21 cm / 8 1/4"



1/2

Kelly

15-679-01 = 21 mm Ø x 50 mm
15-679-02 = 27 mm Ø x 50 mm
Sphincteroscopes, with obturators



1/2

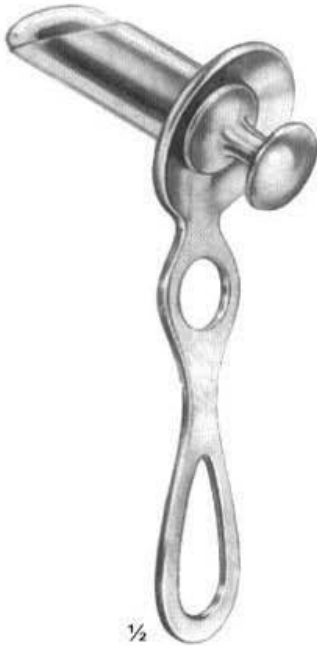
Arzberger
15-683-13
13 cm / 5"
Rectal Cooler



1/2

Katzenstein

15-690-09 Straight for adults	15-692-08 Straight for children
15-691-09 Curved for adults	15-693-08 Curved for children
9 cm / 3 1/2"	8 cm / 3 1/2"



1/2

Hirschmann

- 15-655-01 = Fig.1 16 mm Ø x 65 mm
- 15-655-02 = Fig.2 19 mm Ø x 65 mm
- 15-655-03 = Fig.3 22 mm Ø x 65 mm
- 15-655-04 = Fig.4 22 mm Ø x 125 mm

Anoscopes, with obturators



1/2

Bensaude

- 15-659-01 = 19 mm Ø x 70 mm
 - 15-659-02 = 22 mm Ø x 70mm
- dito, tubus drehbar, mit obturator



1/2

Newman

- 15-669-01 = 16 mm Ø x 63 mm
- 15-669-02 = 19 mm Ø x 63mm
- 15-669-03 = 23 mm Ø x 63 mm

Proctoscopes, with obturators

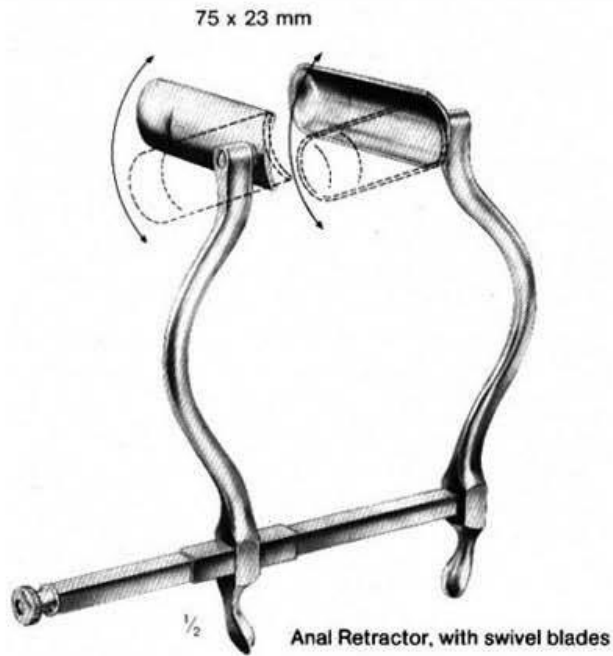


1/2

Kelly

- 15-675-01 = 22 mm Ø x 50 mm
- 15-675-02 = 22 mm Ø x 100 mm
- 15-675-03 = 22 mm Ø x 140 mm
- 15-675-04 = 22 mm Ø x 200 mm

Proctoscopes, with obturators

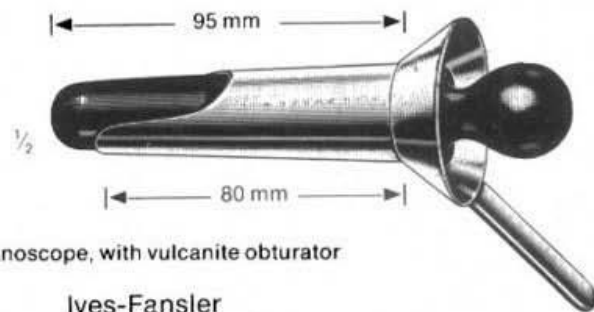


Anal Retractor, with swivel blades

Smith-Buie
 15-641-15
 15 cm / 6"

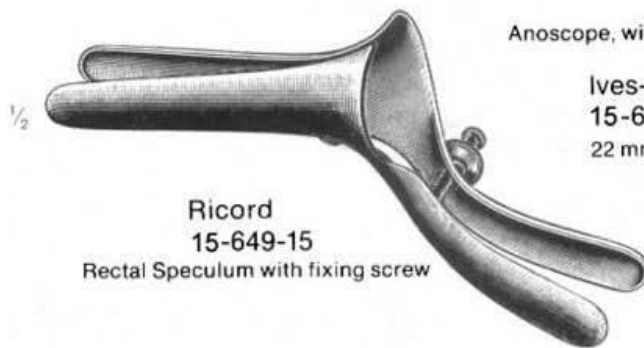


Barr
 15-645-17
 17 cm / 6 1/4"
 Rectal Speculum with Loktite ratchet



Anoscope, with vulcanite obturator

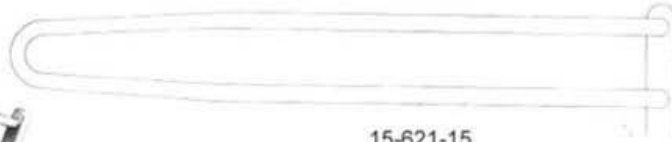
Ives-Fansler
 15-651-15
 22 mm Ø



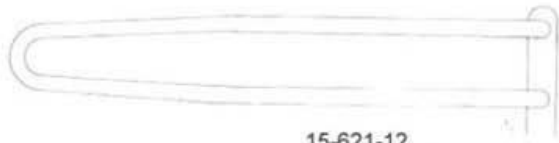
Ricord
 15-649-15
 Rectal Speculum with fixing screw



Schulze-Bergmann
 15-621-06 - 15-621-15
 22 cm / 8 1/2"



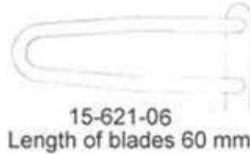
15-621-15
 Length of blades 150 mm



15-621-12
 Length of blades 125 mm



15-621-08
 Length of blades 80 mm



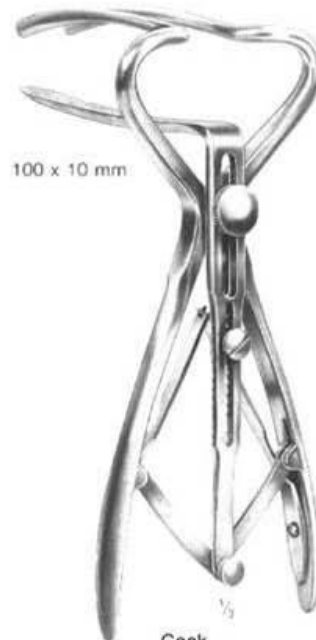
15-621-06
 Length of blades 60 mm



90 x 15 mm

Mathieu
 15-625-19
 19.5 cm / 7 3/4"

Rectal Specula, Three-bladed, with
 fixing screw



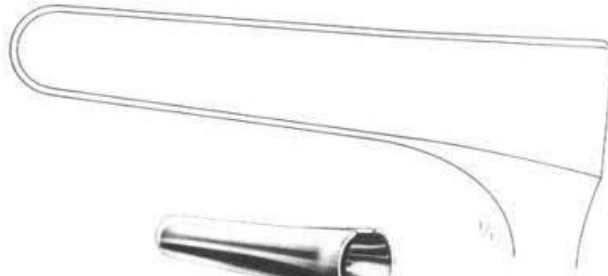
100 x 10 mm

Cook
 15-631-19
 19.0 cm / 7 1/2"

Rectal Specula, three-bladed, with
 fixing screw



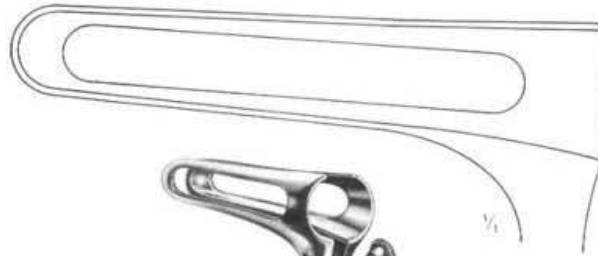
1/2
 Czerny
 15-605-21
 22 cm / 8 1/2"
 Rectal Speculum



Rectal Specula with fixing screw



1/2
 Sims
 15-613-15
 15 cm / 6"



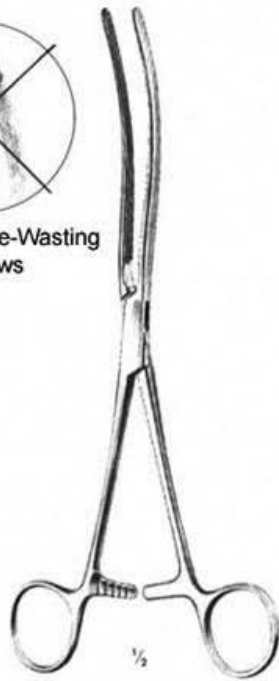
Rectal Specula with fixing screw



1/2
 Sims
 15-615-15
 15 cm / 6"



No more time-Wasting
 coating of jaws



Kocher-Atrauma
 15-561-22 - 15-561-28



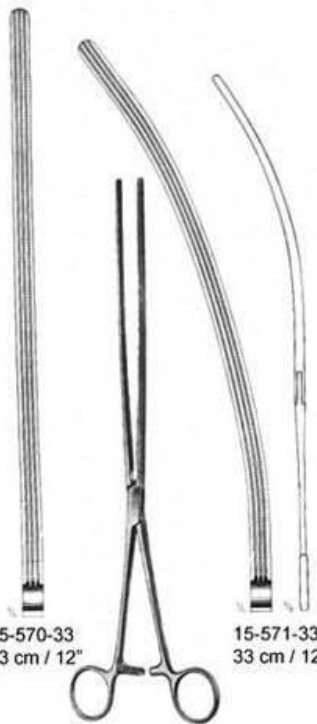
15-561-22
 22 cm 8³/₄"



15-561-25
 22 cm 10"



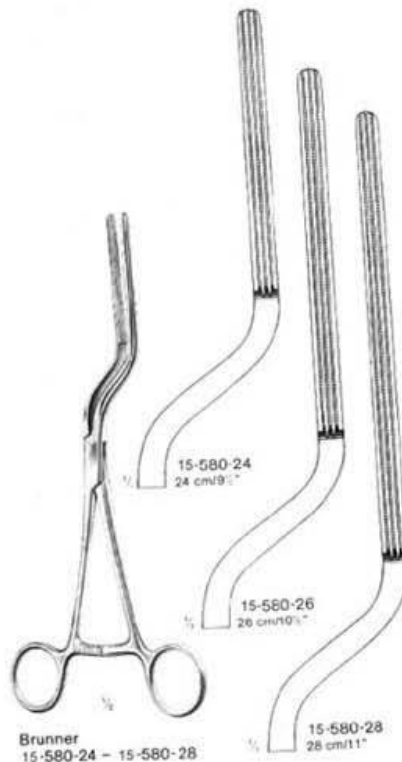
15-561-28
 22 cm 11"



15-570-33
 33 cm / 12"

15-571-33
 33 cm / 12"

Scudder-Atrauma
 15-570-33

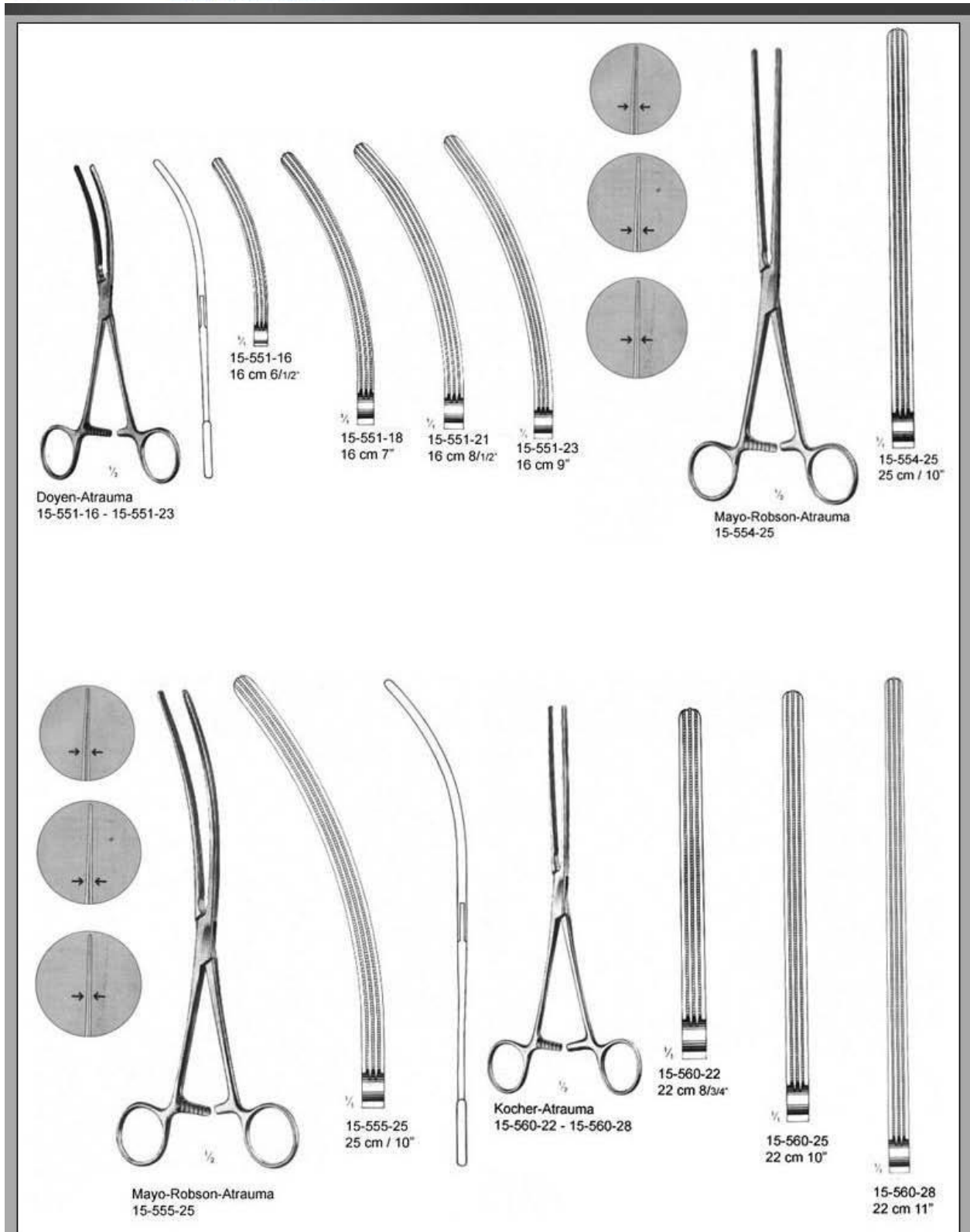


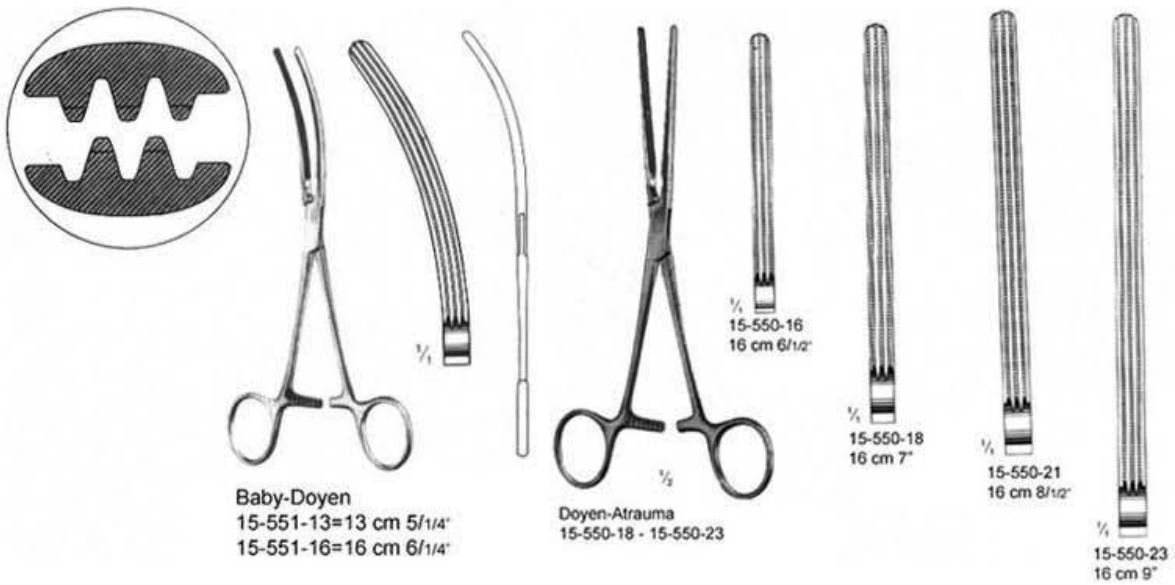
15-580-24
 24 cm 9¹/₂"

15-580-26
 26 cm 10¹/₂"

Brunner
 15-580-24 - 15-580-28

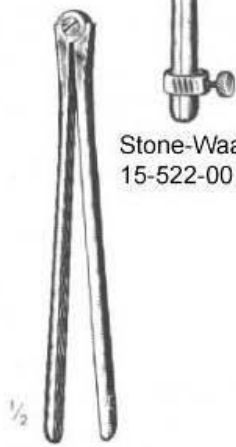
15-580-28
 28 cm 11"







De martel-Wolfson
 15-498-23
 23 cm / 9"
 ditto, Long

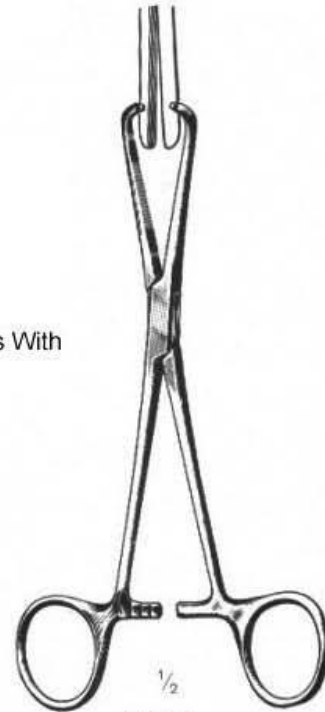


Stone-Waat
 15-522-00

Stone-Waat
 jaw length

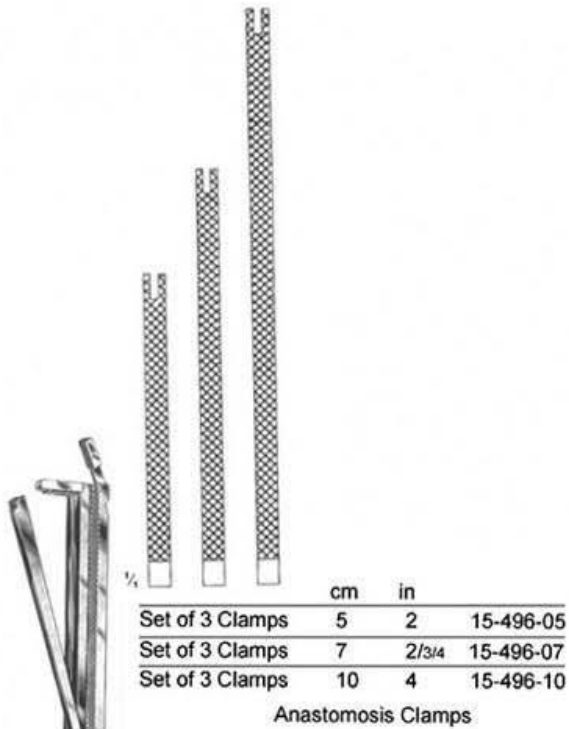
cm	in	
7.5	3	15-520-07
10.0	4	15-520-10

Intestinal (Anastomosis) Clamps With
 locking ferrule



Stone
 15-524-15
 15.5 cm / 6"

Clamp Holding and Closing Forceps



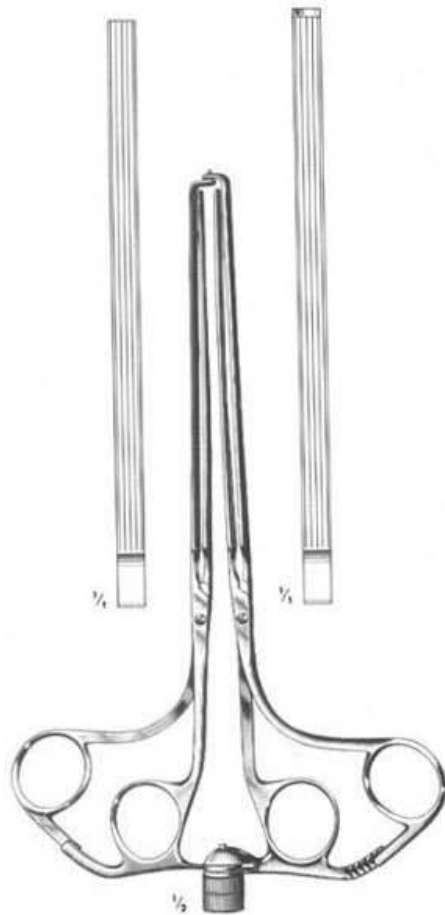
De Martel-Wolfson
 15-496-05 - 15-496-10



De martel-Wolfson
 15-467-26
 26 cm 10¹/₄"
 Clamp Closing Forceps

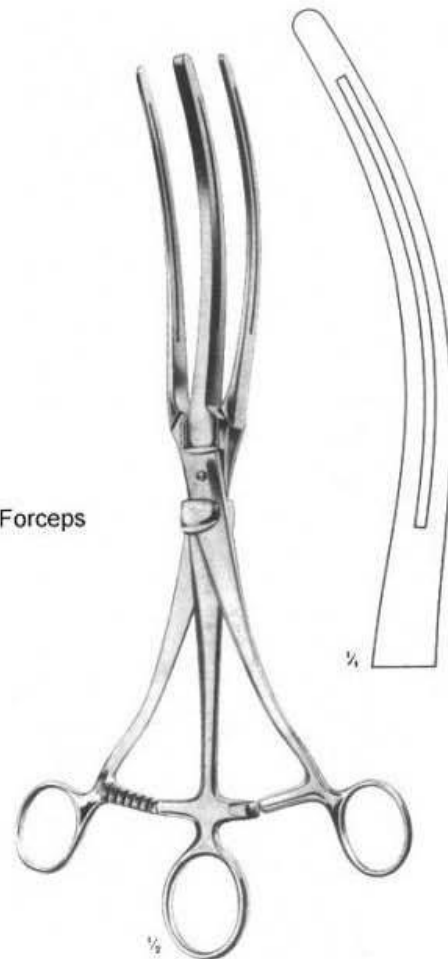


15-498-08
 8.5 cm 3¹/₂"
 Clamp Holder, Short



Abadie

15-484-22=22 cm 8³/₄" Intestinal Twin Clamp Forceps
15-484-27=27 cm 10¹/₂" Intestinal and Stomach Twin Clamp Forceps



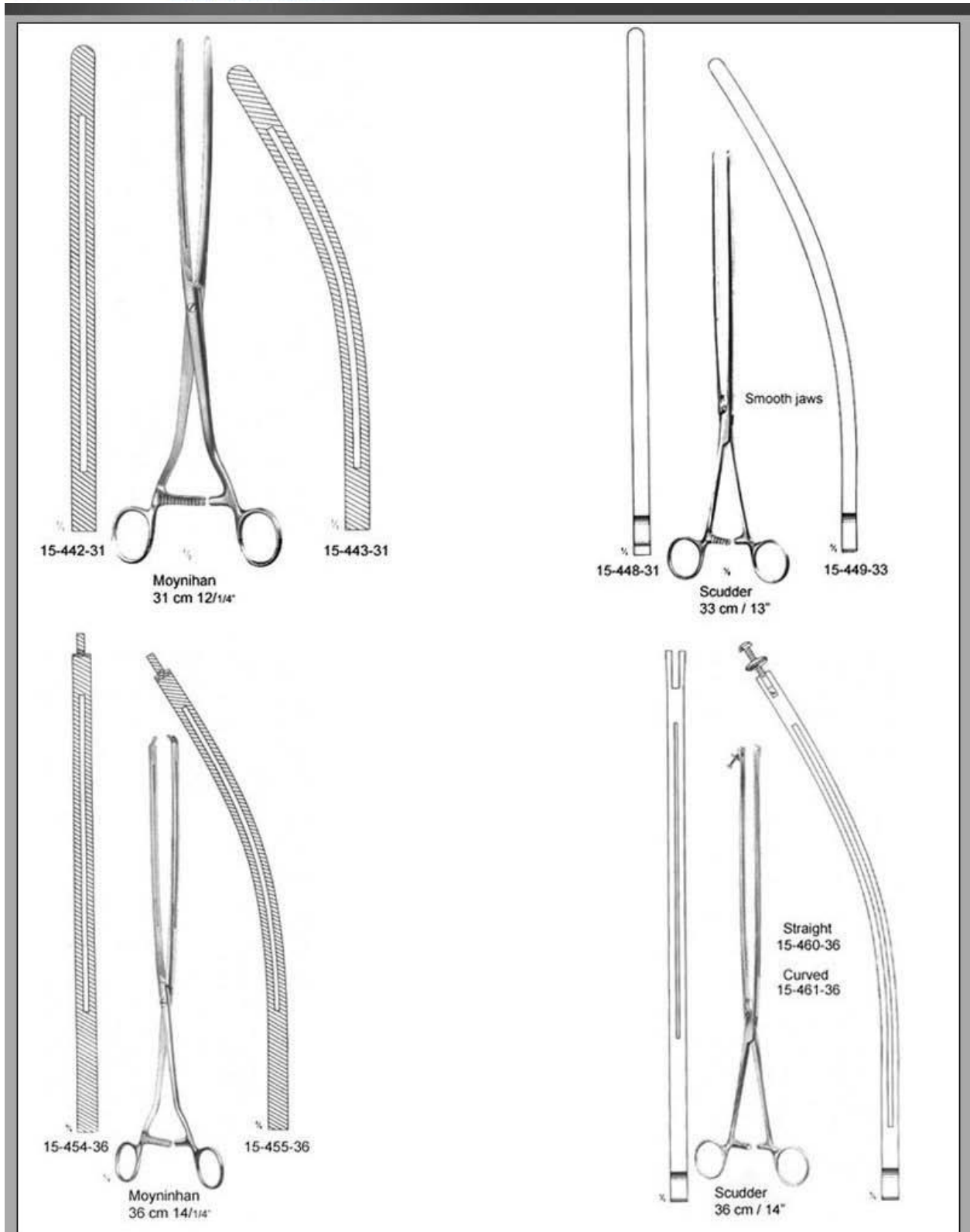
Roosevelt
15-487-34
34 cm 13¹/₂"



Lane
15-474-30
30 cm / 12"



Lane
15-475-30
30 cm / 12"

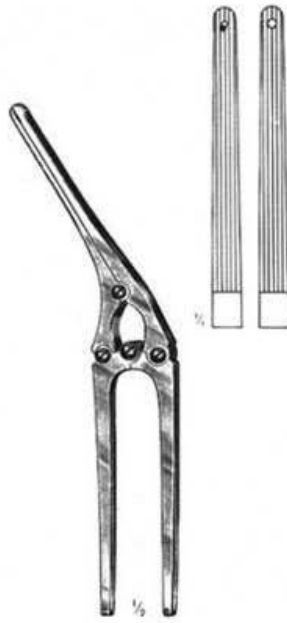




Payr-baby
15- cm / 6"

Intestinal Crushing clamp, for children

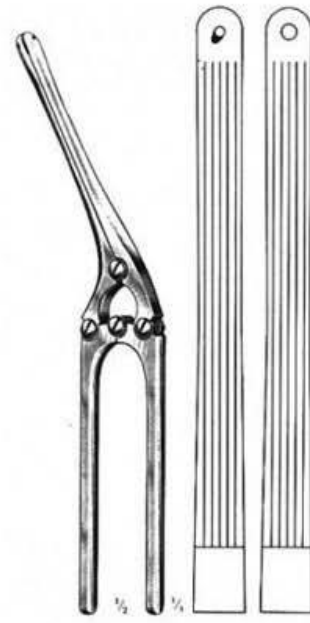
Without pin	With pin
15-413-15	15-415-15



Payr
21- cm / 8 1/4"

Intestinal Crushing clamp

Without pin	With pin
15-417-21	15-419-21



Payr

29 cm 11 1/2"

Without pin	With pin
15-423-29	15-425-29

Pylorus Clamps



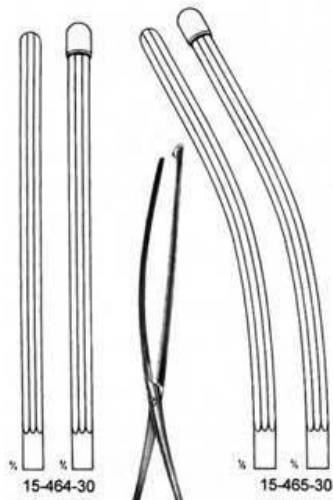
Payr

29 cm 11 1/2"

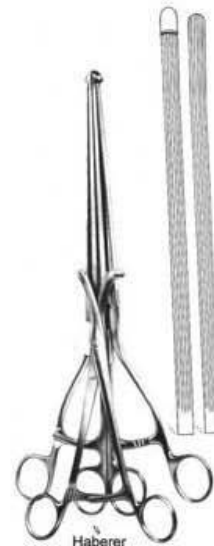
Without pin With pin

15-431-35	15-433-35
-----------	-----------

Pylorus clamps



Nussbaum
15 cm / 12"

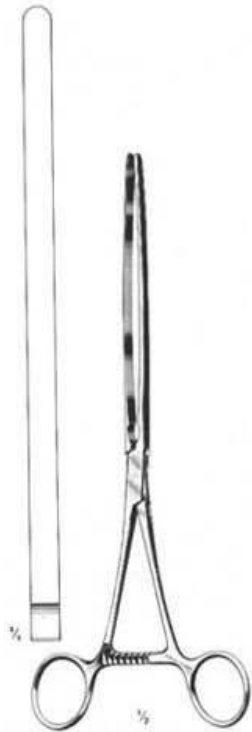


Haberer

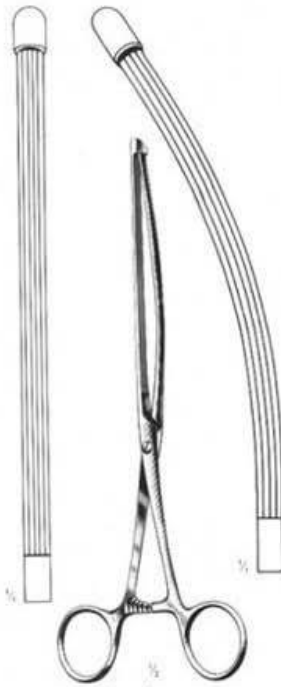
15-478-36

35 cm / 14"

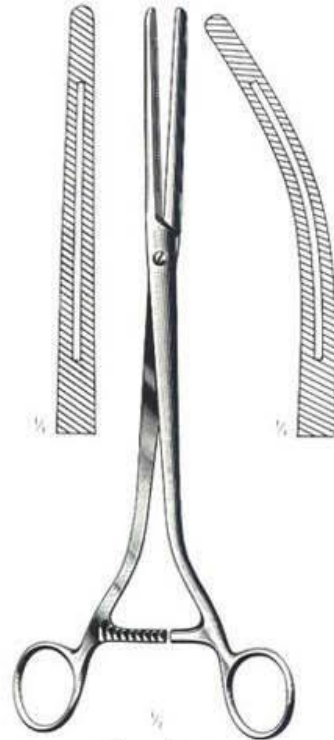
Intestinal and Stomach Twin Clamp Forceps



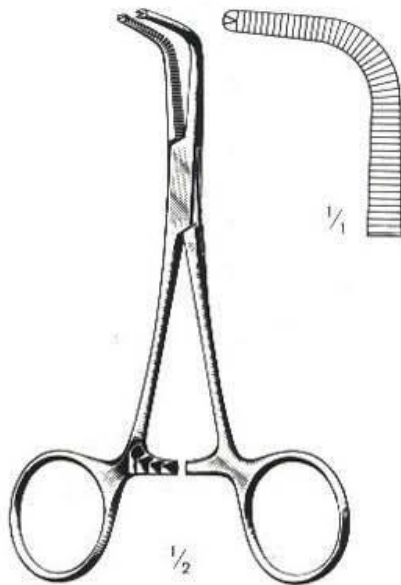
Scudder
15-352-25
25 cm / 10"



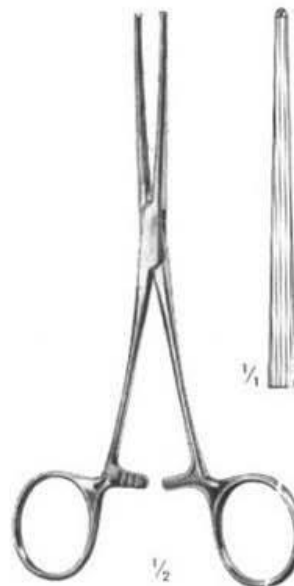
	cm	in	
Straight	25	10	
Curved			15-361-25



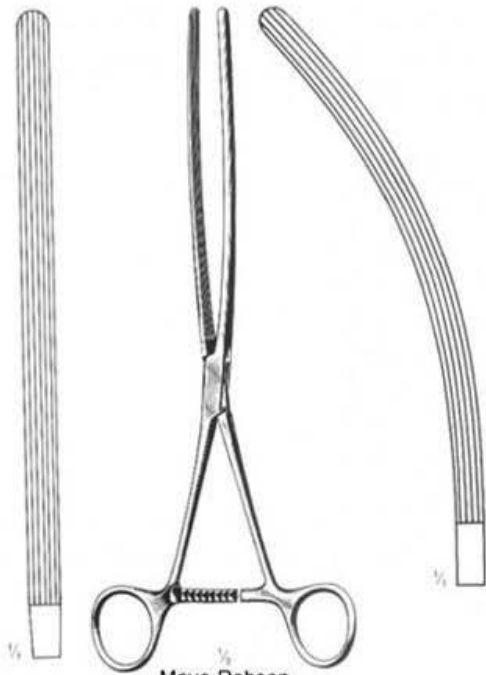
	cm	in	
straight	29	11 1/2	
curved			30-369-29



Kleinschmidt
30-397-12
12 cm / 4 3/4"

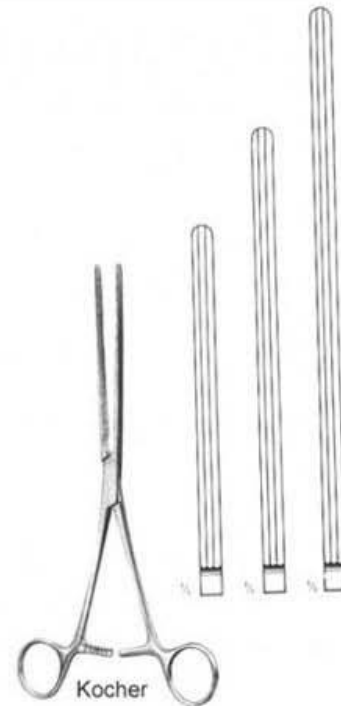


Allen
15-398-16
15,5 cm / 6 1/4"



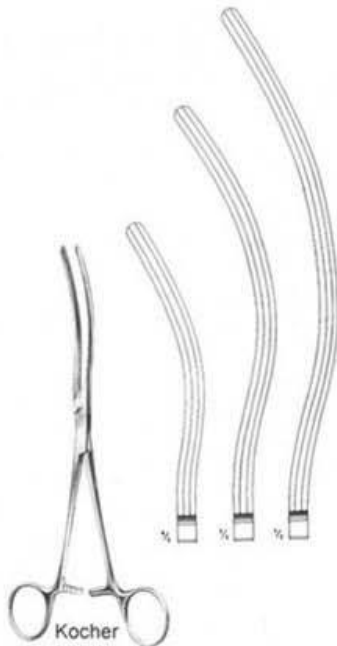
Mayo-Robson

Straight	cm	in	Curved
15-288-25	25	10	15-289-25



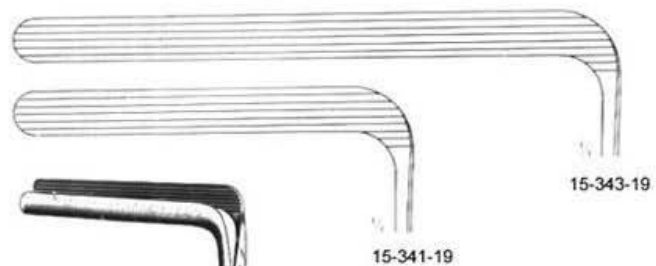
Kocher

Straight	cm	in	Curved
15-304-22	22	8 ³ / ₄	15-305-22
15-304-25	25	10	15-305-25
15-304-28	28	11	15-305-28



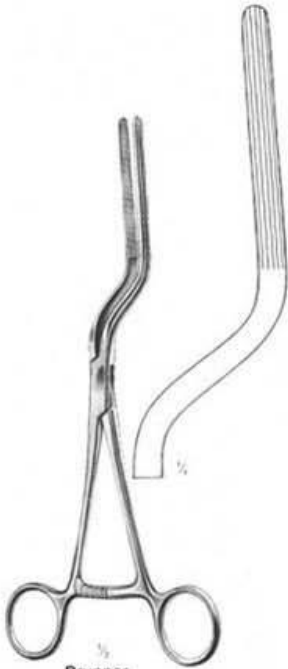
Kocher

Straight	cm	in	Curved
15-304-22	22	8 ³ / ₄	15-305-22
15-304-25	25	10	15-305-25
15-304-28	28	11	15-305-28

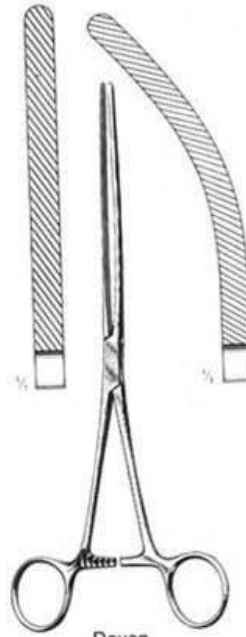


Mikulicz

cm	in	19 cm 7 1/2"
8	3 ¹ / ₄	15-341-19
12	4 ³ / ₄	15-343-19

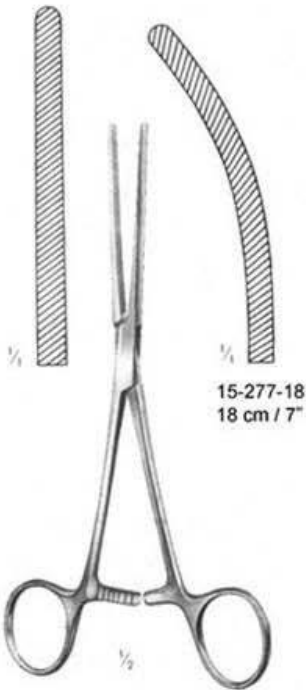


Brunner
 15-265-24
 24 cm 9 1/2"

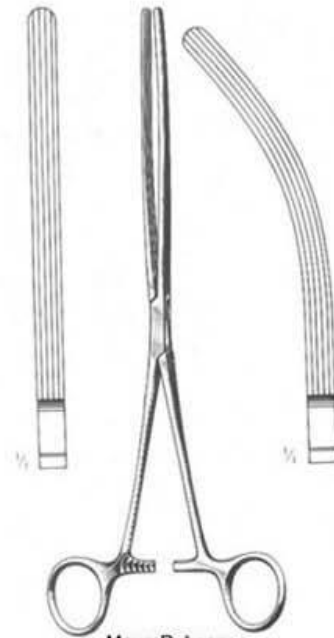


Doyen

	cm	in	Curved
Straight	21	8 1/4"	15-275-21
	23	9	15-275-23



Baby-Doyen
 15-276-18
 18 cm / 7"



Mayo-Robson

	cm	in	Curved
Straight	21	8 1/4"	15-287-21
	23	9	15-287-23

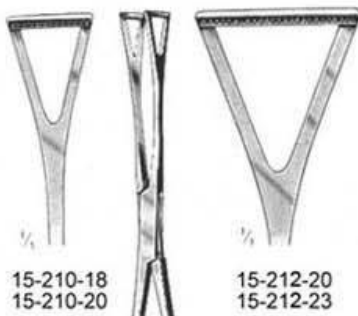


Babcock

cm	in.	
16	6 ¼"	15-192-16
18	7	15-192-18
20	8	15-192-20
24	8 ½"	15-192-20

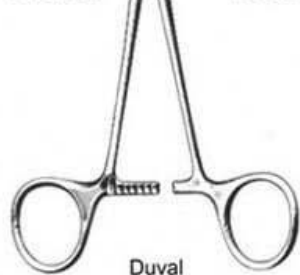


Duval
15-206-20
20 cm / 8"



15-210-18
15-210-20

15-212-20
15-212-23



Duval

	cm	in.		cm	in.
15-210-18	18	7	15-212-20	20	8
15-210-20	20	8	15-212-23	23	9

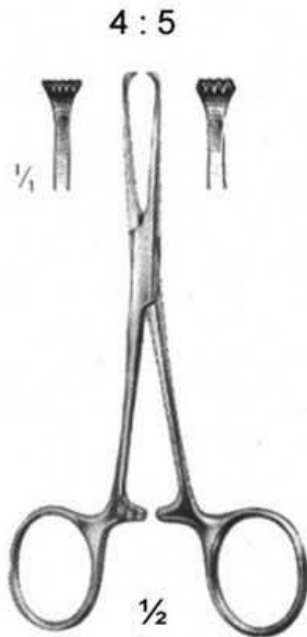


15-230-00
pair



Child
15-228-24
24 cm / 9 ½"





Allis-Baby
15-130-12
12 cm / 4 1/2"
4:5 teeth

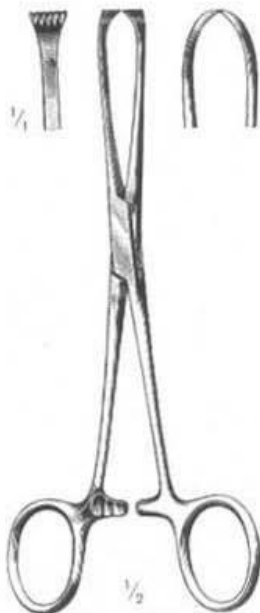


Allis

		4:5	5:6
15-132-15,		15-134-15	15-134-25
cm	in		
15	6"	15-132-15	15-134-15
19	7 1/2"		15-134-19
25	10"		15-134-25



Allis-Adair
15-138-15
15.5 cm / 6"
10:11 teeth



Boys-Allis
15-142-15
15 cm / 6"

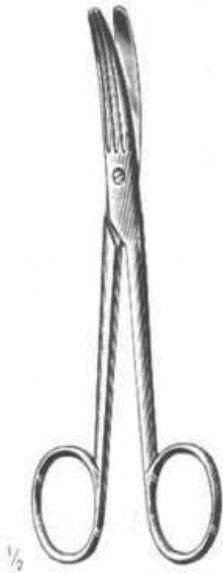


lockwood-Allis
15-146-16=16 cm 6 1/4"
15-146-20=20 cm / 8"

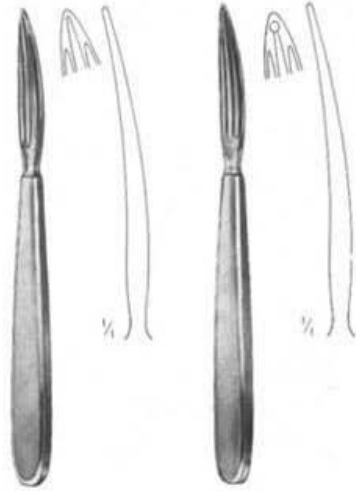


judd-Allis
15-148-15=15 cm / 6"
15-148-19=19 cm 7 1/2"

pinces musculaires



$\frac{1}{2}$
Schoemaker
14-401-15
15 cm / 6"
Goitre Enucleation Scissors, with out eye



Kocher
cm in
14-411-15 15 6 14-413-15
14-411-16 16 6 $\frac{1}{4}$ 14-413-16
Goitre Directors-Enucleators
bronchocele sound without eye



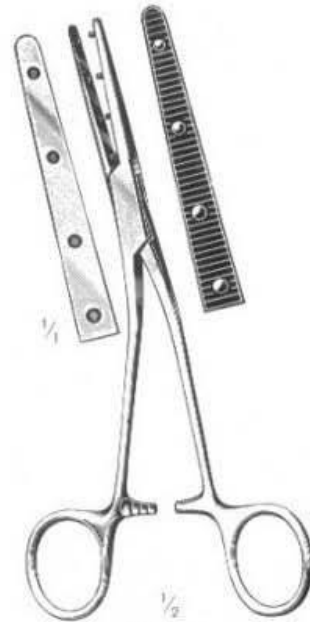
$\frac{1}{2}$
Kocher
14-417-18
18 cm / 7"
ditt, narrow pattern, with eye



$\frac{1}{2}$
Hofmeister
14-429-21
21 cm 8 $\frac{1}{4}$ "
ditto, with deep groove



Lahey
14-449-15=15 cm / 6"
14-449-20=20 cm / 8"
tissue seizing forceps



$\frac{1}{2}$
Mastin
14-453-17
17 cm 6 $\frac{3}{4}$ "
Muscular clamp forceps



1/4
 14-342-26
 26 cm 10 1/16"
 12 mm Ø

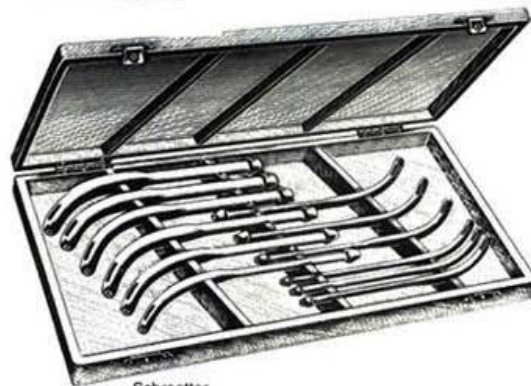
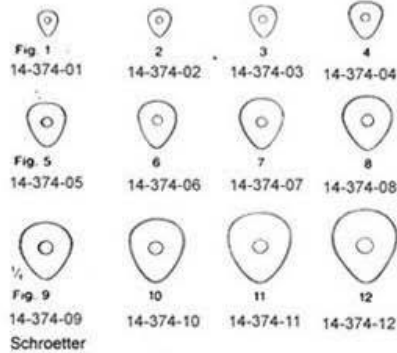
Cleaning Brush for trachea tubes



1/2
 Wagener-Mosher
 14-345-05-14-345-09

mm
 Ø
 5 14-345-05
 7 14-345-07
 9 14-345-09

Life Saving Tubes Intubation Tubes Flexible



Schroetter
 14-375-00
 Set of Dilators, Fig 1-12, in oak wood case



Luer

Fig. mm Ø 65-90 mm

4	8	14-282-08
4	9	14-282-09
6	10	14-282-10
7	11	14-282-11
8	12	14-282-12
9	13	14-282-13

Speaking Tube, inner tube with round box-valve



Luer

Fig. mm Ø 45-90 mm

4	8	14-280-08
4	9	14-280-09
6	10	14-280-10
7	11	14-280-11
8	12	14-280-12
9	13	14-280-13

Speaking Tube, inner tube with sliding valve



Fig. mm Ø 65-90 mm

4	8	14-284-08
4	9	14-284-09
6	10	14-284-10
7	11	14-284-11
8	12	14-284-12
9	13	14-284-13

Speaking Tube, inner tube with sliding valve and silver chain at the valve

obturator with 2 openings



Collin

Fig. mm Ø 45-85 mm

0	4	14-216-04
1	5	14-216-05
2	6	14-216-06
3	7	14-216-07
4	8	14-216-08
5	9	14-216-09
6	10	14-216-10
7	11	14-216-11
8	12	14-216-12

o Also available



Chevalier-Jackson
Fig. mm Ø 45-90 mm

0	4	14-240-04
1	5	14-240-05
2	6	14-240-06
3	7	14-240-07
4	8	14-240-08
5	9	14-240-09
6	10	14-240-10
7	11	14-240-11
8	12	14-240-12
9	13	14-240-13



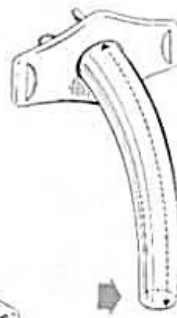
Koenig
flexible
flexibles

Fig. mm Ø 45-90 mm

1	5	14-252-05
2	6	14-252-06
3	7	14-252-07
4	8	14-252-08
5	9	14-252-09
6	10	14-252-10
7	11	14-252-11

International Scale

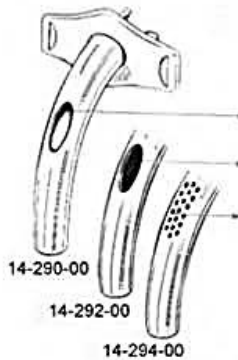
Figur	0	1	2	3	4	5	6	7	8	9
Diameter	4	5	6	7	8	9	10	11	12	13 mm
Length of outer tube	45	50	55	60	65	70	75	80	85	90 mm



Instructions
for determining
the size

Length
from shield along outer
curvature to end of tube

Diameter (∅)
at the end of the outer tube
in millimeters



Fenestra on outer tube
(Supplementary No. 14-290-00)

Fenestra on outer and inner
tube
(Supplementary No. 14-292-00)

Sieve-holes on outer tube and
fenestra on inner tube
(Supplementary No. 14-294-00)

Special patterns:

All trachea tubes (except
the Koenig pattern) can
be specially made with
following features:

**Please state desired supple-
mentary number together with
respective article number!**

Specially made trachea tubes
cannot be returned for credit.

obturator with 4 openings



Krishaber

Fig. mm Ø 45-85 mm

0	4	14-208-04
1	5	14-208-05
2	6	14-208-06
3	7	14-208-07
4	8	14-208-08
5	9	14-208-09
6	10	14-208-10
7	11	14-208-11
8	12	14-208-12

obturator with 4 openings



Krishaber-Luer

Fig. mm Ø 45-85 mm

0	4	14-214-04
1	5	14-214-05
2	6	14-214-06
3	7	14-214-07
4	8	14-214-08
5	9	14-214-09
6	10	14-214-10
7	11	14-214-11
8	12	14-214-12



$\frac{1}{2}$
Jackson
14-147-15
 15 cm/6"
 Trachea Tenaculum



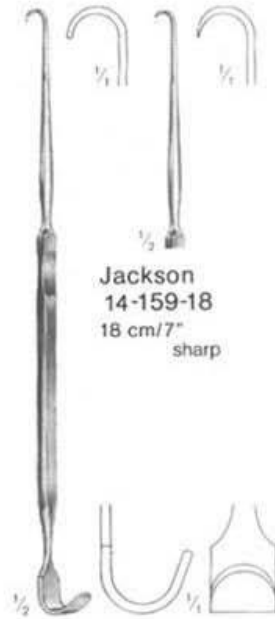
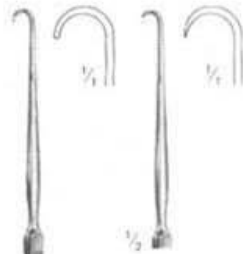
$\frac{1}{4}$
14-149-15
 15 cm/6"



$\frac{1}{2}$
Lukens
14-151-17
 17 cm/6 $\frac{1}{4}$ "
 Thymus Retractor, double-ended



$\frac{1}{2}$
Jackson
14-155-17
 17 cm/6 $\frac{1}{4}$ "
 Trachea Retractors, double-ended

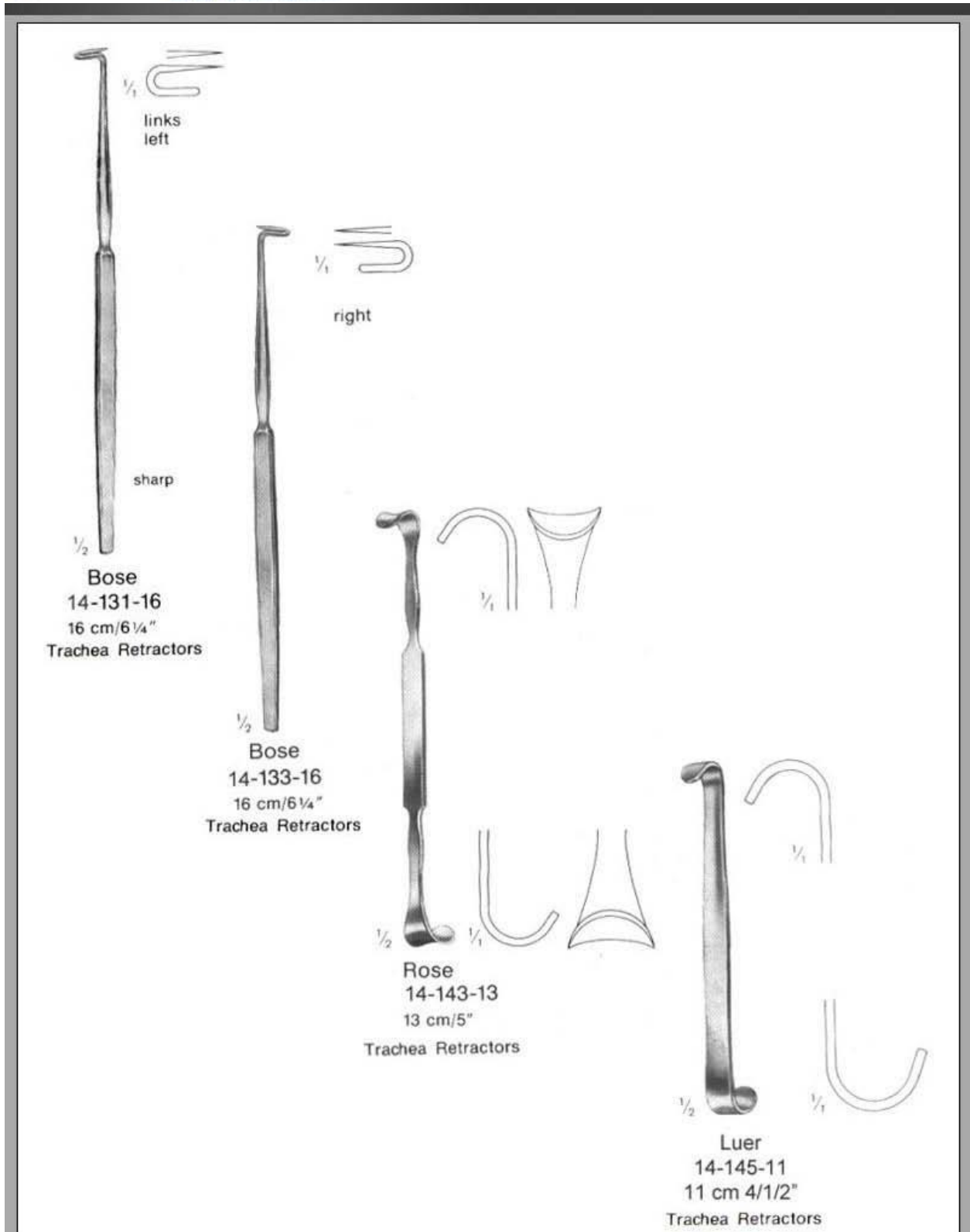


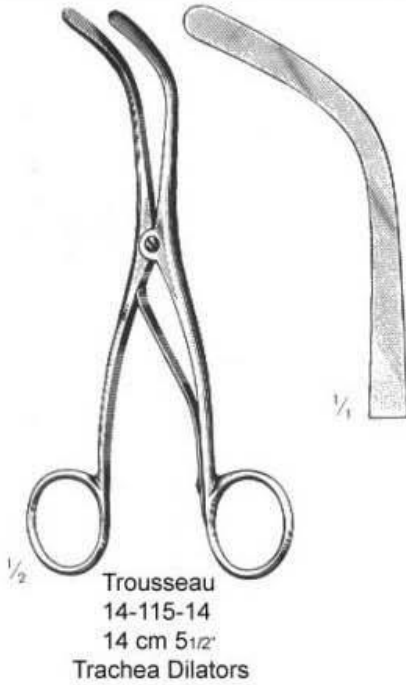
$\frac{1}{2}$
Jackson
14-157-18
 18 cm/7"
 blunt
 Trachea Retractors, double-ended

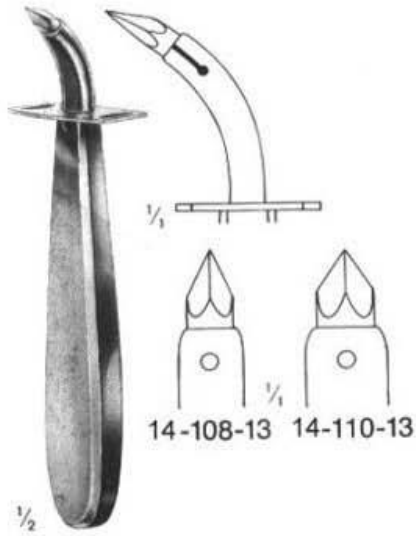
15 cm / 6"



$\frac{1}{2}$
Schoenborn
14-163-21
 21 cm/8 $\frac{1}{4}$ "
 Thyroid Gland Retractor







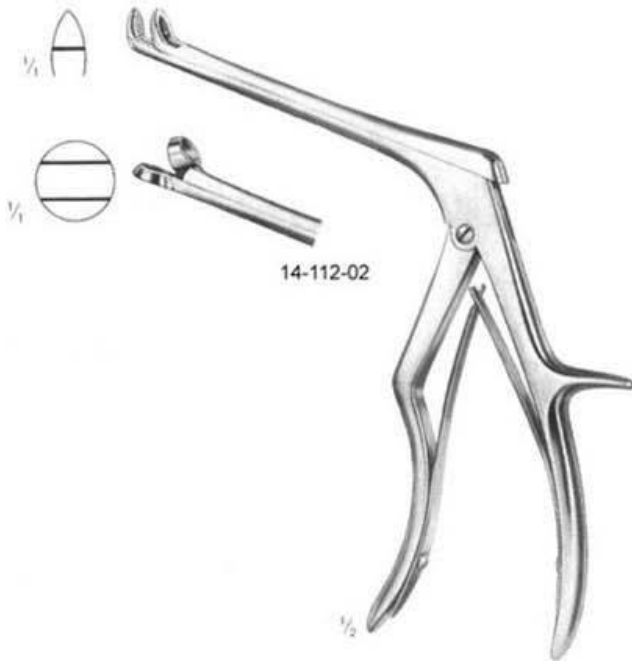
Uckermann
 13 cm/5"

14-108-13 = 8 mm Ø
 14-110-13 = 10 mm Ø

Trachea Trocars for inter-cricothyrotomy, with stainless steel point, cannula of silver 835



Weerda
 14-111-19
 19 cm 7 1/2"
 Tracheotomy Spreader



14-112-01
 14-112-02
 tracheotomy Punches



Laborde
 14-113-14
 14 cm 5 1/2"
 Trachea Dilators



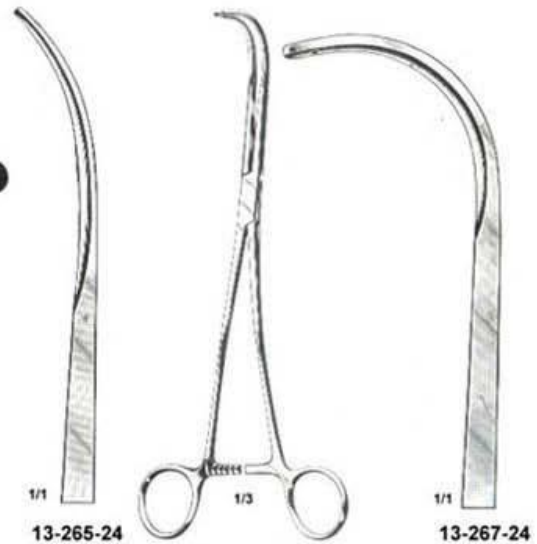
Price-Thomas
13-241-22 = 22 cm / 8 3/4"



Price-Thomas
13-245-22 = 22 cm / 8 3/4"



Sarot
13-251-23 = 23 cm / 9"
13-253-23 = 23 cm / 9"
13-255-23 = 23 cm / 9"
13-257-23 = 23 cm / 9"



Semb
13-265-24 = 24 cm / 9 1/2"
13-267-24 = 24 cm / 9 1/2"



Bailey
13-224-16
16 cm / 6 1/4"
with long arm



Bailey-Gibbon
13-226-16
16 cm / 6 1/4"



Allison
13-231-30 = 30 cm/12"
13-231-32 = 32 cm/12 1/2"
ditto, for adults, 57 mm (2 1/2") wide, elastic



13-233-26 = 26 cm/10 1/4"
Elastic, Lung Spatula, extra broad



Crafoord
13-210-28
28 cm / 11"
Rib Contractor, with long



Sellers
13-218-19
19 cm / 7 1/2"
Rib Spreader and Approximator,
with rotating pronged arms



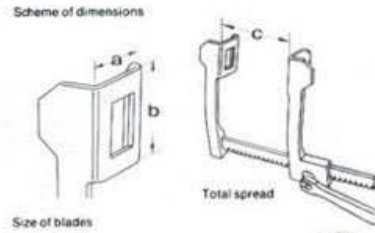
Bailey-Baby
13-220-14
14 cm / 5 1/2"
with ratchet, Baby pattern



Finocchetto

	a	b	c
13-178-01	40mm	40mm	165mm
13-178-02	45mm	65mm	200mm
13-178-03	70mm	65mm	250mm

**Small Pattern
medium Pattern
Large Pattern.**



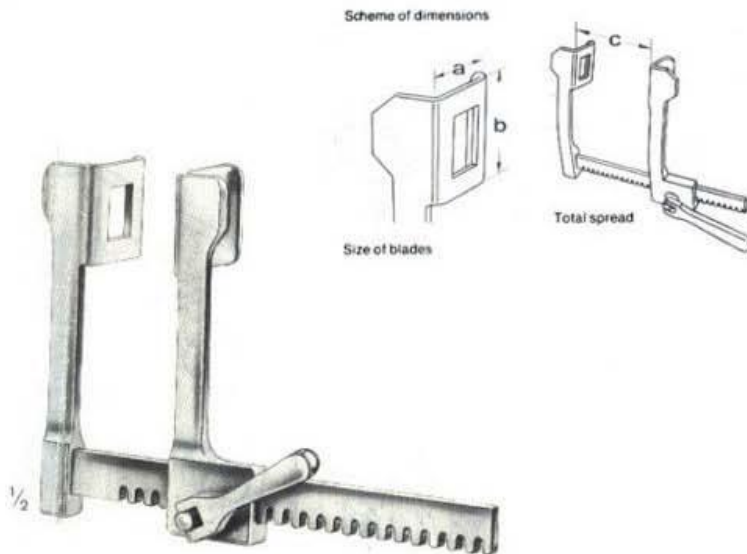
Quervain Rib Spreaders

	a	b	c
13-178-00	40mm	40mm	165mm



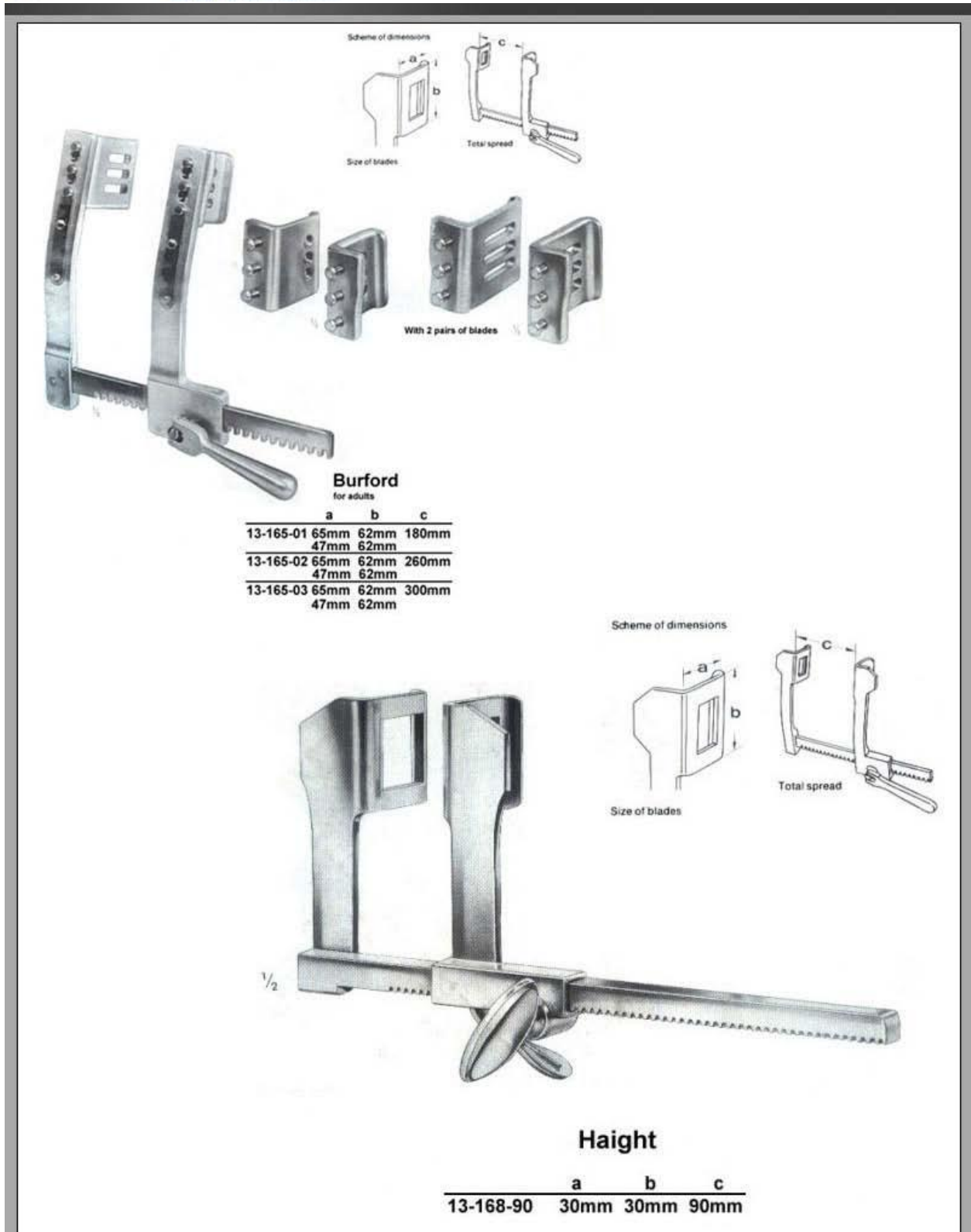
Tuffier

	a	b	c
13-174-02	50mm	45mm	165mm

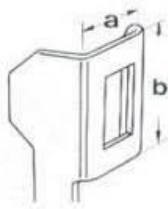


Finocchietto-Baby

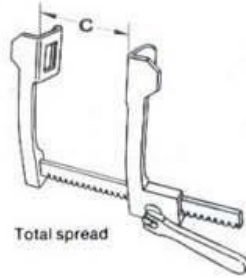
	a	b	c
13-177-75	18mm	20mm	75mm



Scheme of dimensions

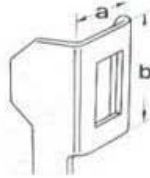


Size of blades

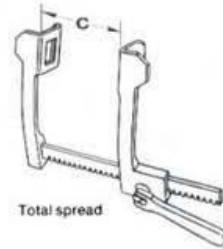


Total spread

Scheme of dimensions



Size of blades



Total spread



for babies

1/2

Finocchietto - Infant

	a	b	c
13-161-01	15 mm	15 mm	75 mm



child size

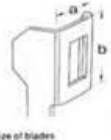
1/2

Finocchietto - Baby - Haight

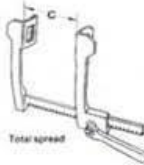
	a	b	c
13-162-01	31 mm	31 mm	100 mm

from aluminium, anodized

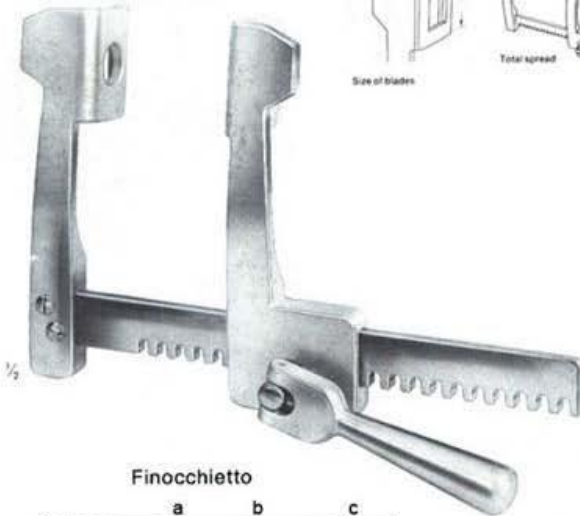
Scheme of dimensions



Size of blades



Total spread



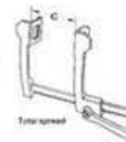
Finocchietto

	a	b	c
13-163-01	38 mm	44 mm	135 mm
13-163-02	52 mm	62 mm	135 mm
13-163-03	85 mm	65 mm	135 mm

Scheme of dimensions



Size of blades



Total spread



with 2 pairs of blades

Burford
for children

	a	b	c
13-164-01	48 mm	42 mm	135 mm



Sauerbruch
13-131-26 = 26cm / 10 1/4"



Giertz-Stille
13-137-27 = 27cm / 10 1/2"



Sauerbruch-Frey
13-141-36 = 36cm / 14"



Lebsche
13-145-25 = 25cm / 10"



Brunner
13-147-28 = 32cm / 12 1/2"

13-147-28
for the right hand

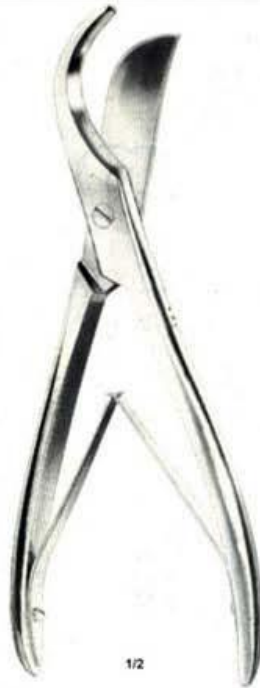
13-149-28
for the left hand



Lebsche
13-151-24 = 24.5cm / 9 3/4"



Bone Shears
13-100-23 = 23cm / 9"



Bone Shear
13-101-22 = 22cm / 8 3/4"



Bone Shear
13-104-17 = 17cm / 6 3/4"



with eccentric
Sliding blade

Gluck
13-107-22 = 22cm / 8 3/4"



Stille
13-111-21 = 21cm / 8 1/4"



handles with
rubber cover

Bethune
13-126-34 = 34cm / 13 1/2"



$\frac{1}{2}$
 Feldhein
 12-964-10
 10 cm / 4"

Tourniquet for fingers and toes, with woven, unbreakable metal strap

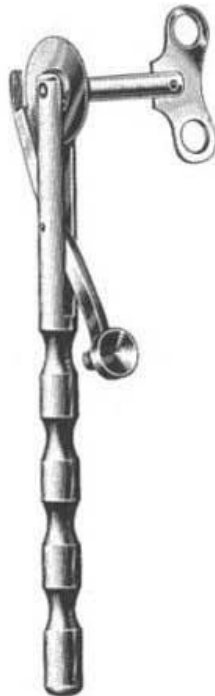


$\frac{1}{8}$
 Simplex
 12-966-19

Finger Nail Drill, With 1 Drill Point

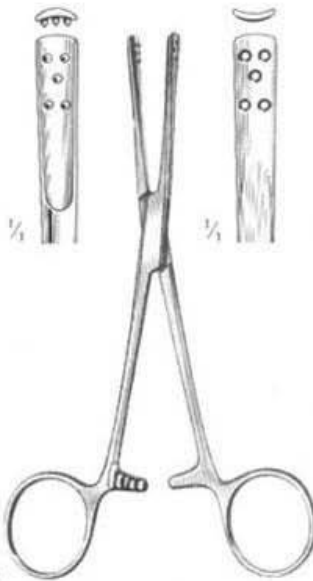


$\frac{1}{2}$
 Radolf
 12-978-13
 13,5 cm / 5 1/4"



Smith
 12-972-19
 12-973-01

Finger Ring saw, Complete



$\frac{1}{2}$
 12-974-16
 15,5 cm / 5 1/4"

Forceps for tearing out toe and finger nails



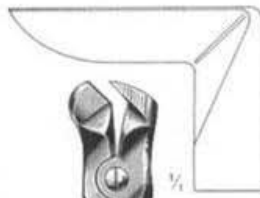
$\frac{1}{2}$
 12-975-17
 Finger ring saw forceps



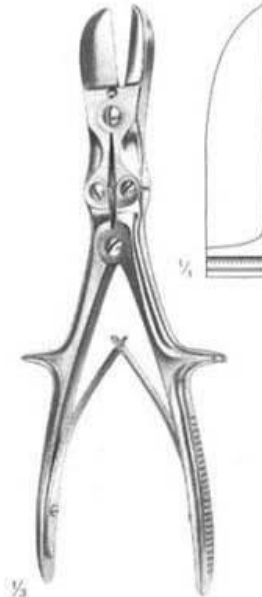
Ruskin-Liston
 12-950-18
 18.5 cm / 7 1/4"



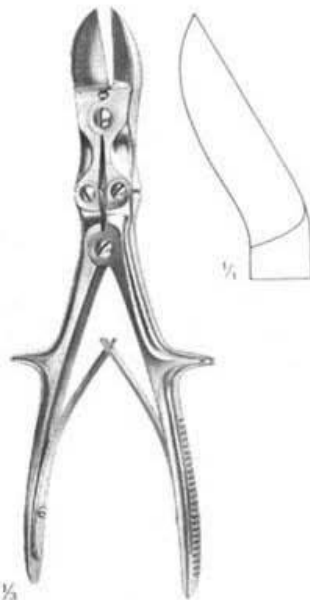
Ruskin-Liston
 12-951-18
 18.5 cm / 7 1/4"



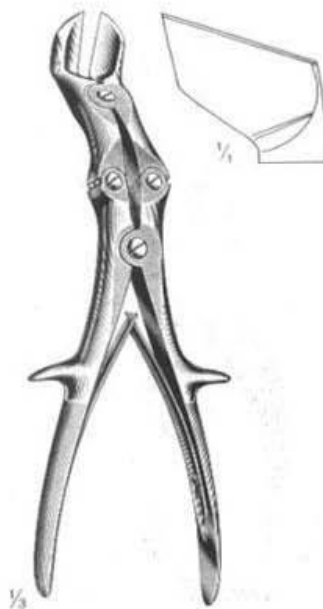
Stille-Liston
 12-952-27
 27 cm / 10 1/2"



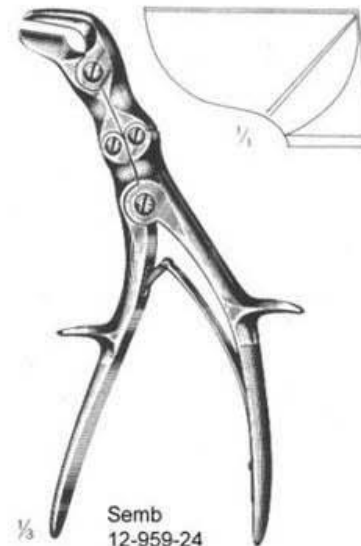
Stille-Liston
 12-954-27
 27 cm / 10 1/2"



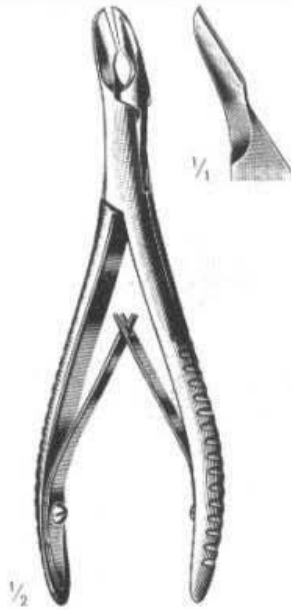
Stille-Liston
 12-955-27
 27 cm / 10 1/2"



Liston-Key
 12-957-27
 27 cm / 10 1/2"



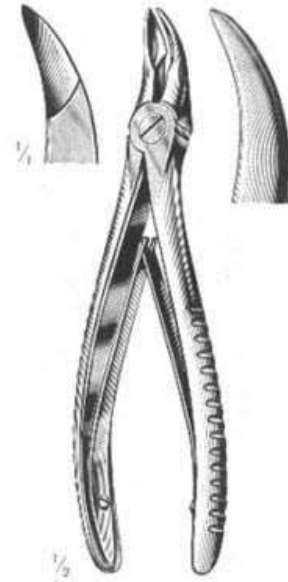
Semb
 12-959-24
 12 cm 9/16"



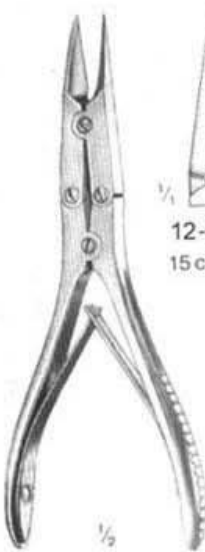
Cleveland
 12-941-15
 15 cm / 6"



12-942-12
 12 cm / 4 3/4"



12-943-15
 15 cm / 6"



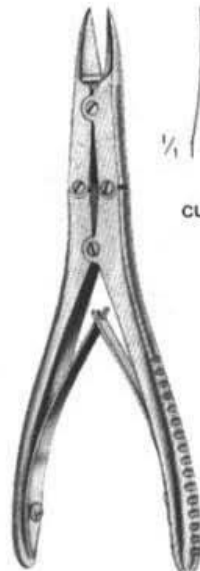
12-944-15
 15 cm / 5 3/4"



12-944-15
 15 cm / 5 3/4"



12-945-15
 15 cm / 5 3/4"
 curved downward



12-946-15
 15 cm / 5 3/4"



curved



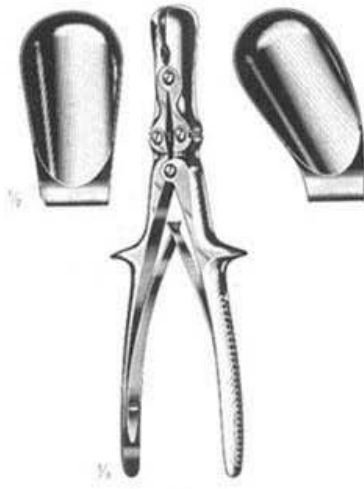
Cleveland
 16 cm / 6 1/4"



12-947-16

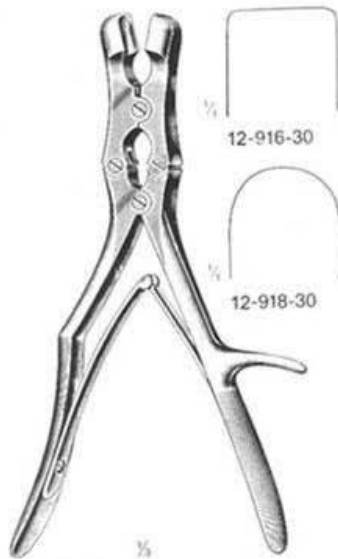


12-949-16

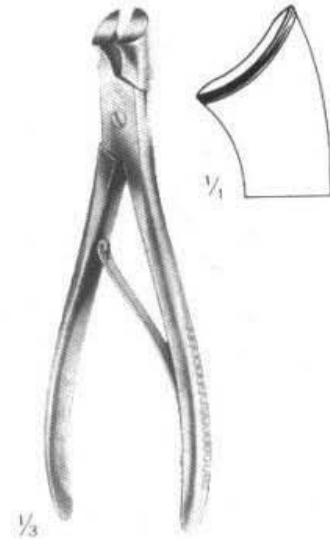


Stille-Luer

	straight	cm	in.	curved
12-912-23	23	9		12-913-23
12-912-27	27	10½		12-913-27



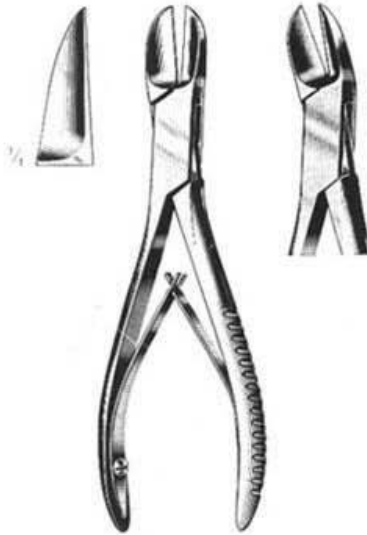
Sauerbruch
30 cm / 12"



Markwalder
12-928-20
20 cm / 8"



Cottle Kazanjian
12-930-19
19 cm / 7½"

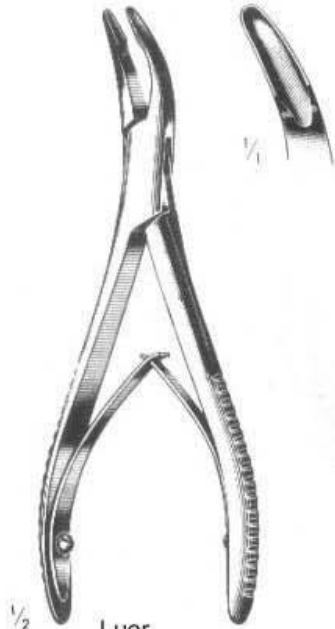


Liston

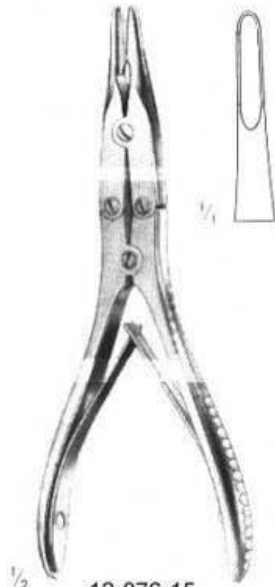
	straight	cm	in.	curved
12-934-14	14	5½"		12-935-14
12-934-17	17	6¾"		12-935-17
12-934-19	19	7½"		12-935-19
12-934-22	22	8¾"		12-935-22



Cleveland
12-939-17
17 cm / 6¾"



$\frac{1}{2}$
Luer
 12-865-15
 15 cm / 6"



$\frac{1}{2}$
12-876-15
 15 cm / 6"



$\frac{1}{4}$
12-877-15
 15 cm / 6"



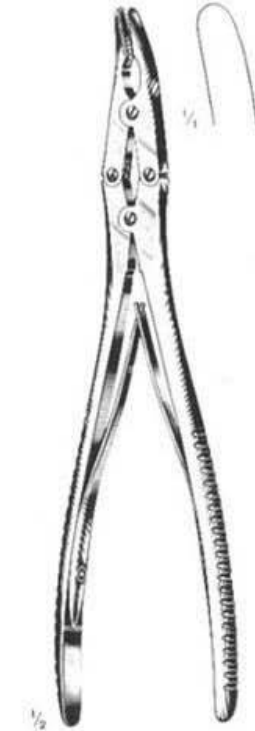
$\frac{1}{2}$
Beyer
 12-879-18
 18 cm / 7"



$\frac{1}{2}$
Zaufal-jansen
 12-881-18
 18 cm / 7"



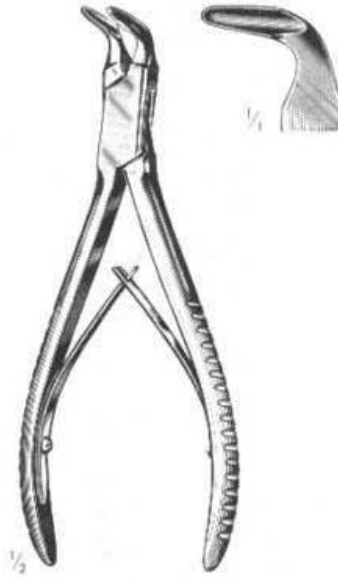
$\frac{1}{2}$
Ruskin
 12-887-18
 18 cm / 7"



$\frac{1}{2}$
Ruskin
 12-893-23
 23 cm / 9"



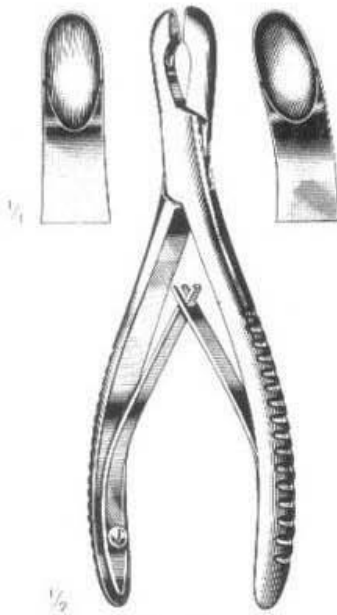
1/2
Blumenthal
12-837-15
15.5 cm / 6"



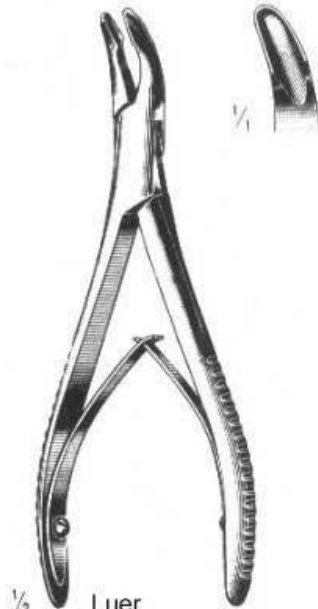
1/2
Blumenthal
12-839-15
15,5 cm / 6"



1/2
12-834-18
18 cm / 7"



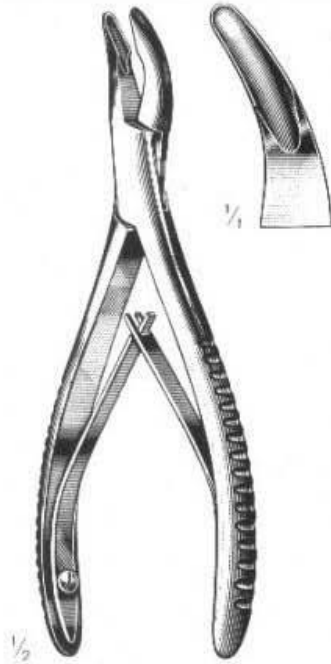
1/2
Luer
Straight cm in Curved
12-846-17 17 6 3/4 12-847-17



1/2
Luer
12-853-15
15 cm / 6"



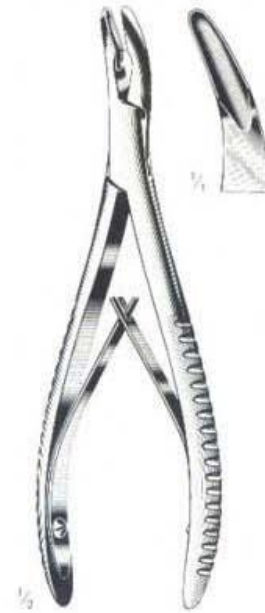
1/2
Fig. 1
12-864-15



Mead
12-815-16
16.5 cm / 6 1/2"



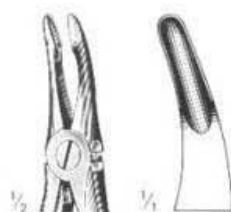
Mead
12-817-16
16.5 cm 6 1/2"



Hartmann
12-819-18
18.5 cm 7 1/4"



Jansen
12-826-18
18 cm / 7"



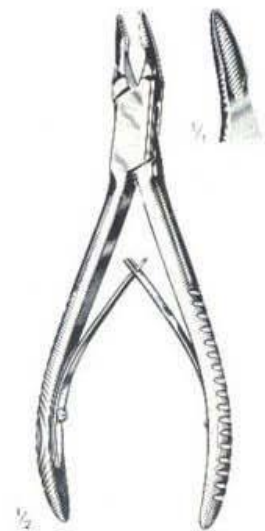
12-827-18



12-829-18



Lempert
12-832-19
19 cm / 7 1/2"



Blumenthal
12-835-15
15.5 cm / 6"



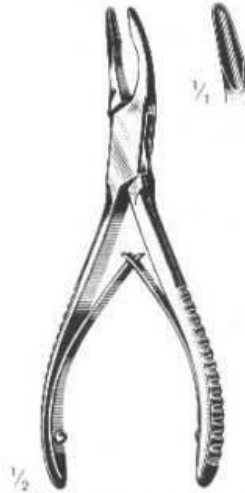
Stellbrink
 17 cm / 6 3/4"



12-777-01
 2 mm



12-777-02
 2 mm



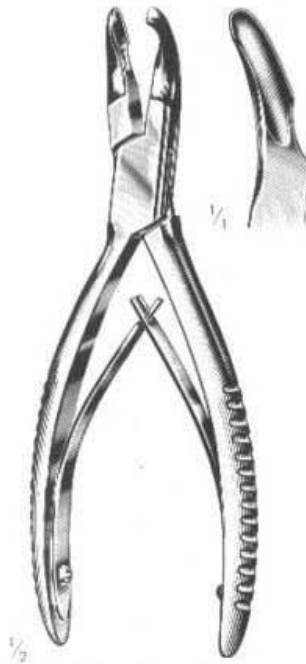
Mini-Friedman
 12-799-12
 12 cm / 5"



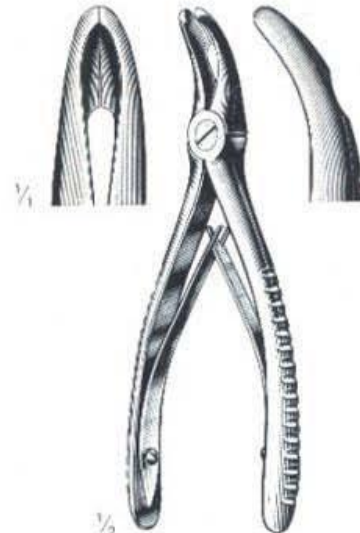
Friedman
 12-801-14
 14 cm / 5 1/2"



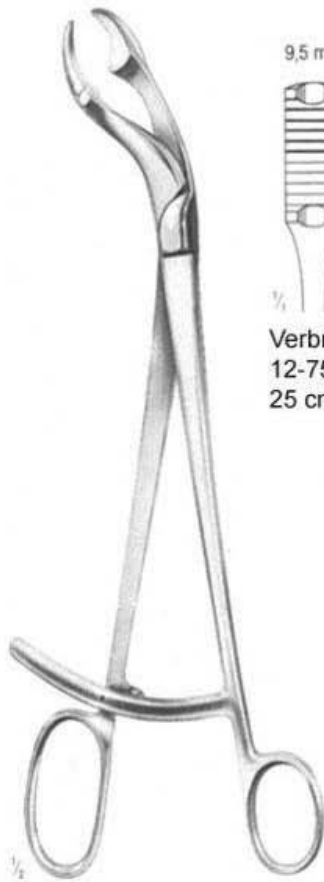
Cleveland
 12-805-14
 14 cm 5/12"



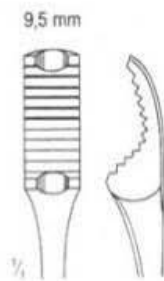
Cleveland
 12-807-17
 17 cm / 6 3/4"



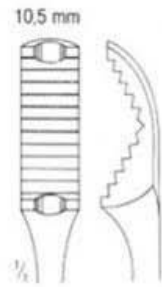
Universal
 12-811-13
 13,5 cm / 5 1/4"



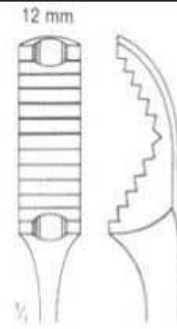
Verbrugge
12-755-01 - 03



9,5 mm
Verbrugge
12-755-01
25 cm / 10"



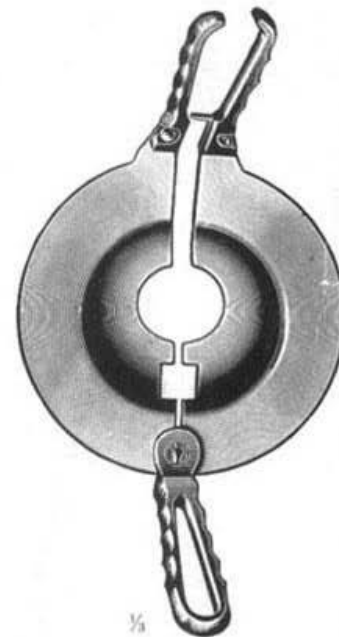
10,5 mm
Verbrugge
12-755-02
26 cm 10 1/2"



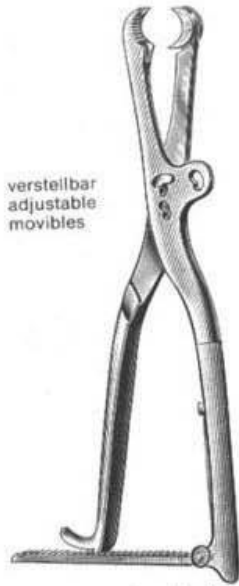
12 mm
Verbrugge
12-755-03
25 cm / 11"



Verbrugge
12-757-01
17.5 cm 6 3/4"



Percy
12-762-30
einfaches Modell, Griffe abnehmbar
simple pattern, handles detachable
modelo sencillo, mangos removibles



verstellbar
 adjustable
 movibles

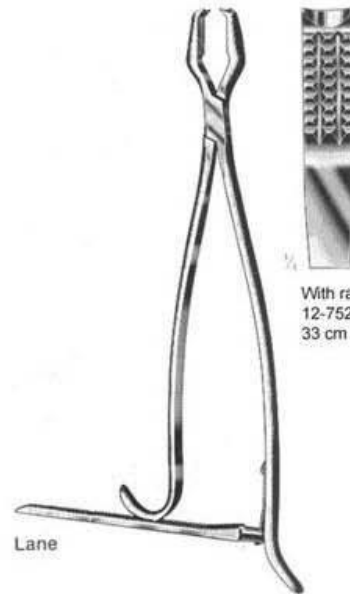
cm	in.	Lambotte
22	8 3/4	12-740-22
27	10 1/2	12-740-27
30	12	12-740-30



cm	in.	Lambotte
22	8 3/4	12-742-22
26	10 1/4	12-742-26
33	13	12-742-33



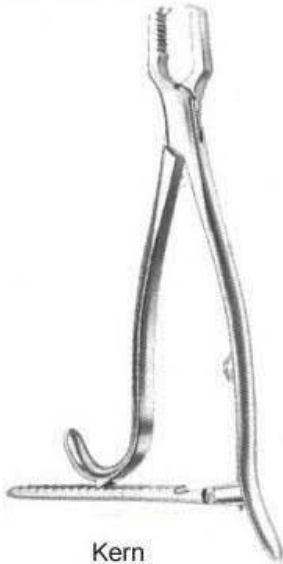
cm	in	Lambotte
19	7 1/2	12-754-19
23	9	12-745-23
26	10 1/2	12-745-26



With ratchet
 12-752-33
 33 cm / 13"

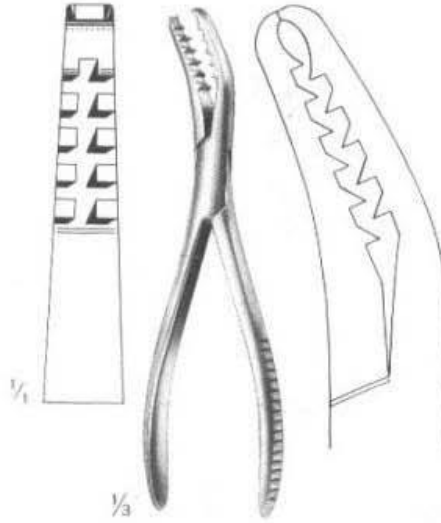
Lane

Without ratchet
 12-750-33 = 33 cm / 13"
 12-750-45 = 45 cm 17 3/4"



Kern
With ratchet

	cm	in
12-730-17	17	6 ³ / ₄ "
12-730-21	21	8 ¹ / ₄ "



Semb
12-731-19
19 cm 7¹/₂"



Farabeuf
12-732-23 = 23 cm / 9"
12-732-26 = 26 cm 10¹/₄"
Adjustable

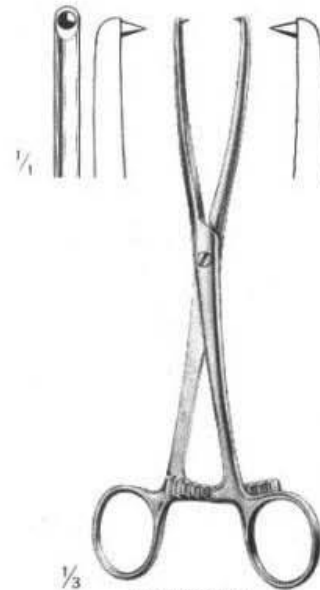


Farabeuf-Lambotte
12-734-26 = 26 cm 10¹/₄"
Adjustable



Tuffier
12-738-27
27 cm 10¹/₂"
Adjustable

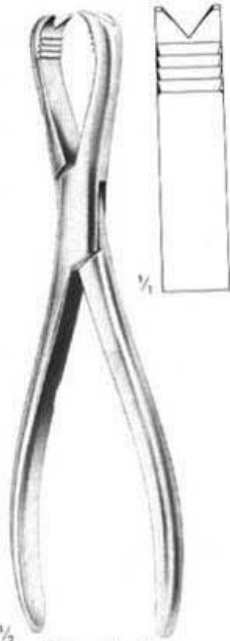
Grasping Forceps
for small bones



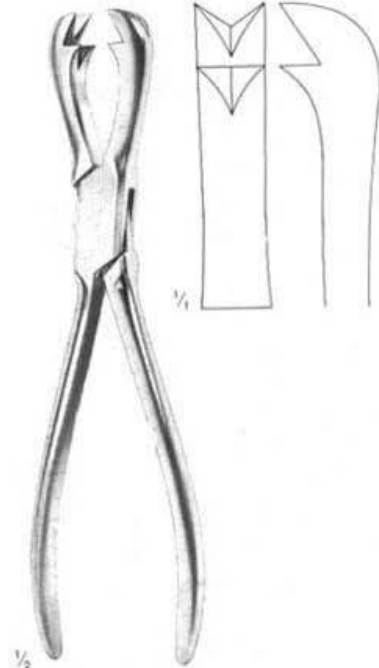
12-736-21
21 cm 8¹/₄"



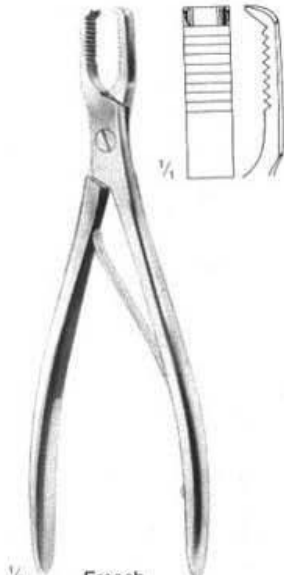
12-721-14
13,5 cm / 5 1/4"



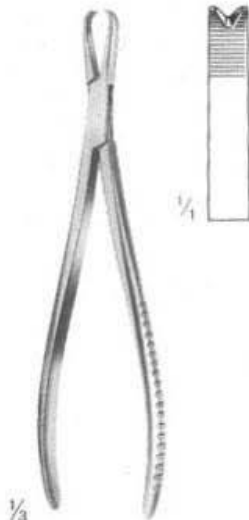
1/2
Langenbeck
12-722-21
21 cm 8 1/4"



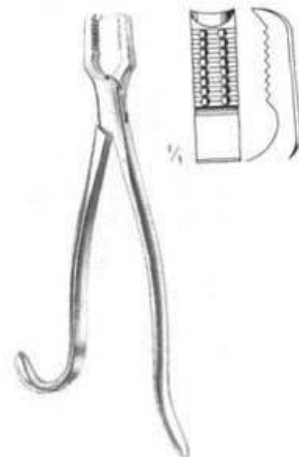
1/2
Fergusson
12-724-21
21 cm 8 1/4"



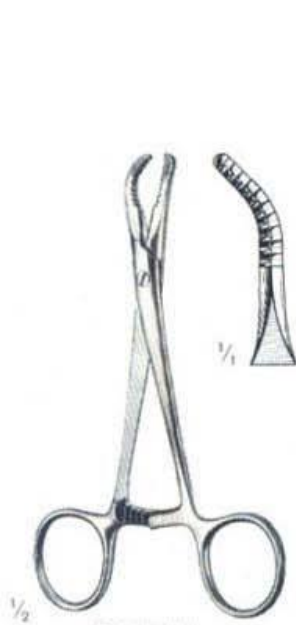
1/2
Frosch
12-726-18
18 cm 7"



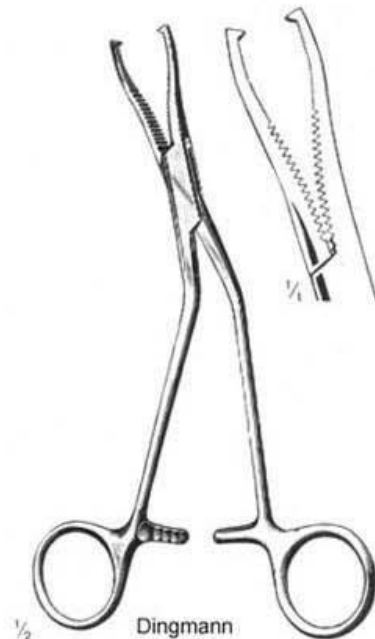
1/3
12-727-20
20 cm / 8"



Kern
Without ratchet
cm in
12-728-17 17 6/314"
12-728-21 21 8/144"



12-714-14
 13.5 cm 5 1/4"



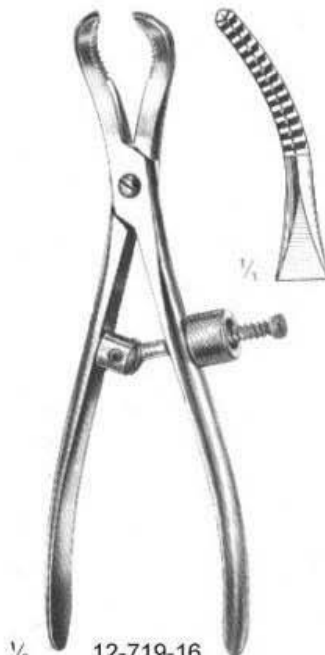
Dingmann
 12-715-19
 19 cm 7 1/2"



12-717-12
 12 cm 4 3/4"



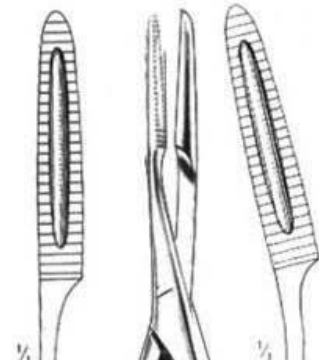
Lewin
 12-718-17
 17.5 cm / 7"



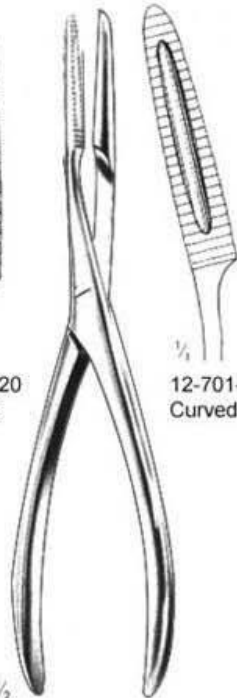
12-719-16
 16 cm 6 1/4"



12-720-14
 14 cm 5 1/2"

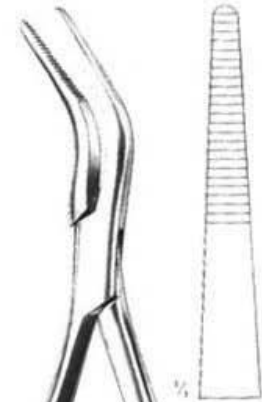


12-700-20
 Straight

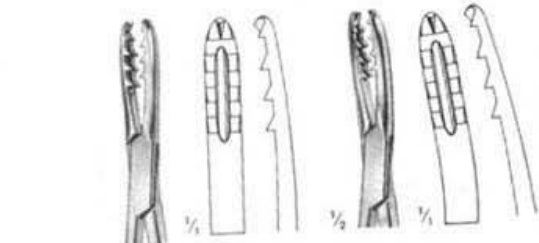


12-701-20
 Curved on flat

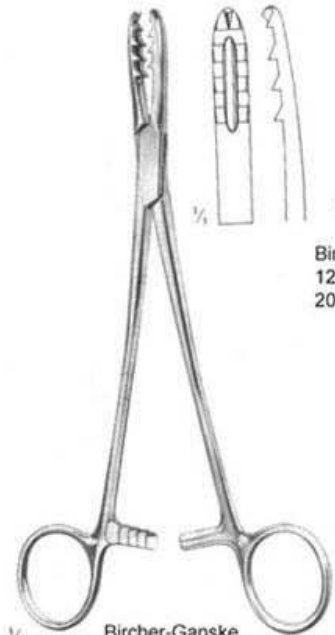
1/2
 20 cm / 8"



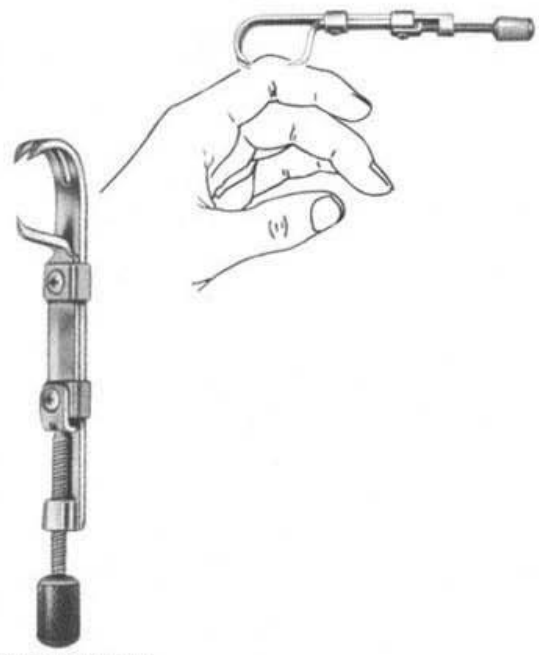
Van Buren
 12-705-23
 23 cm / 9"



Bircher-Ganske
 12-711-20
 20 cm / 8"



1/2
 Bircher-Ganske
 12-710-20
 20 cm / 8"



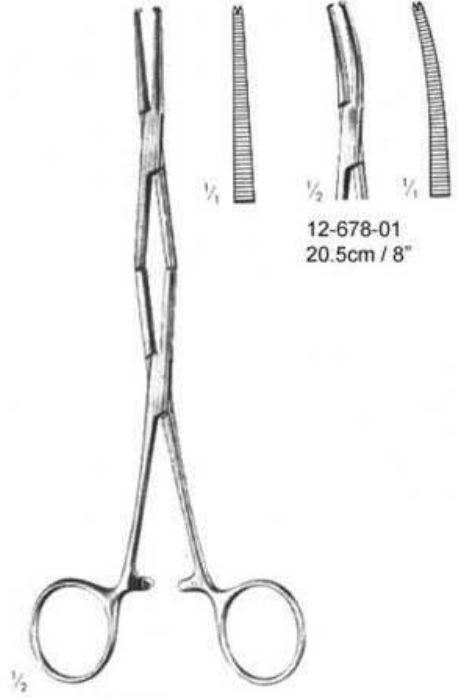
Bunnell-Howard
 12-713-15
 15 cm / 6"



Steinmann
 12-674-16
 16 cm 6 1/8"

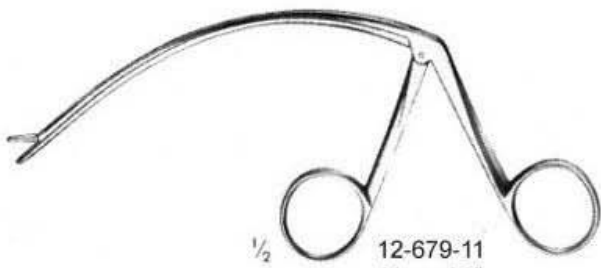


Brand
 12-676-15 = 15 cm 6"
 12-676-19 = 19 cm 7 1/2"
 12-676-24 = 24 cm 9 1/2"

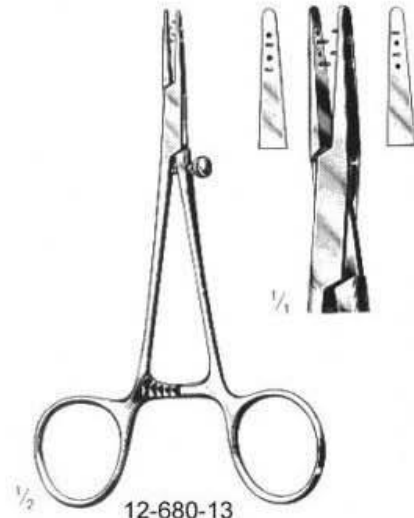


12-678-00
 20.5cm / 8"

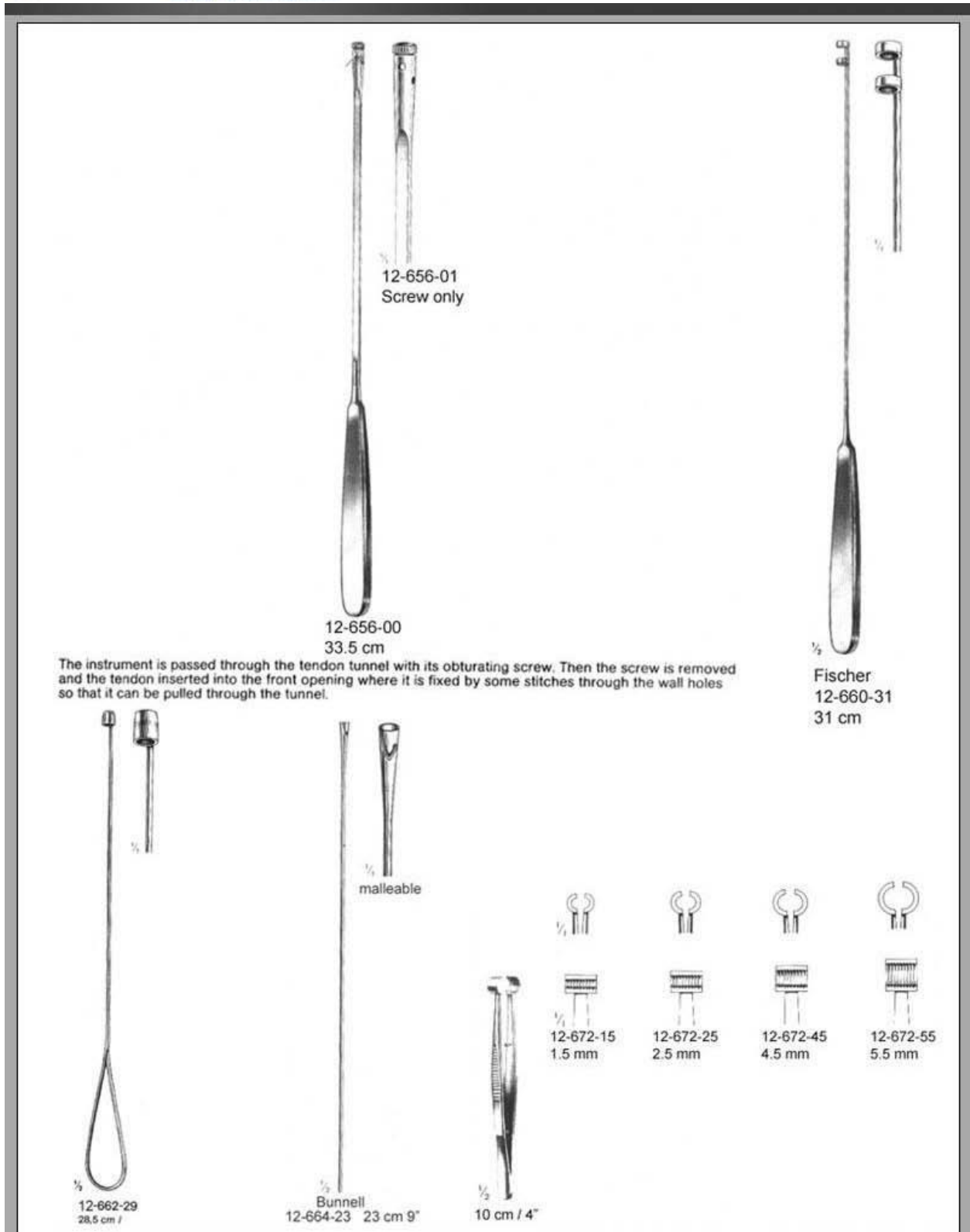
12-678-01
 20.5cm / 8"

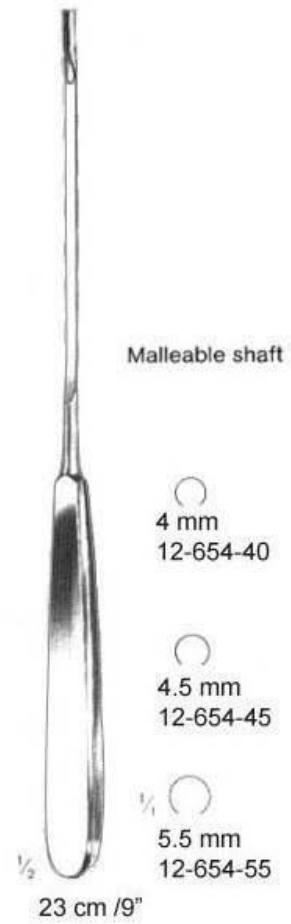
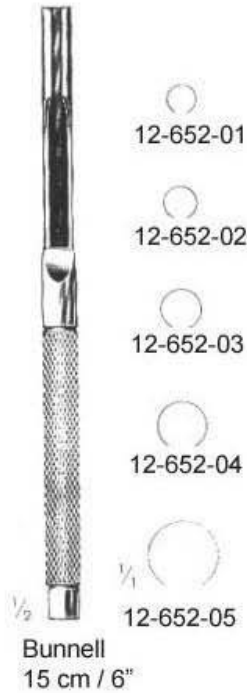


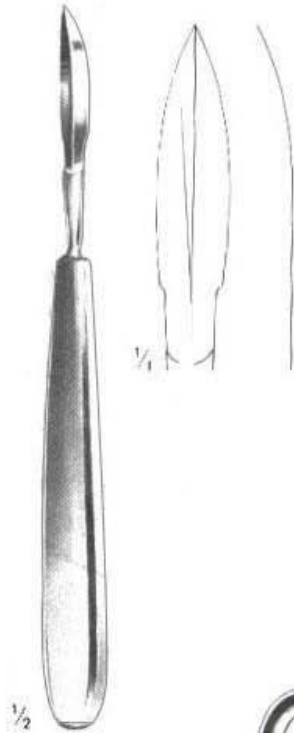
12-679-11
 11 cm / 9"



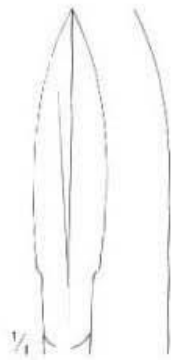
12-680-13
 13 cm / 5"



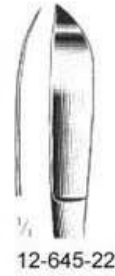




12-641-18
 18 cm / 7"



12-643-22



12-645-22



Mendler
 12-647-18
 18 cm / 7"



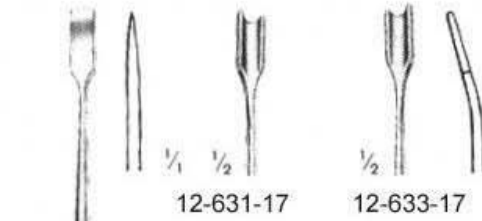
Mendler
 12-649-18
 18 cm / 7"



Neff
 22 cm / 8 1/2"



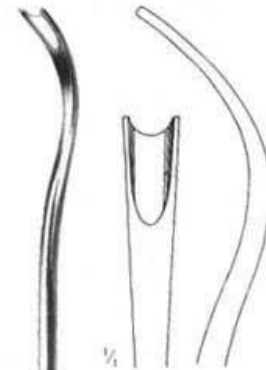
1/2
Judd
 12-625-18
 18 cm / 7"



Smillie
 12-630-17
 17 cm 6 3/4"



1/2
Lowe-Breck
 12-637-25
 25 cm / 10"



1/2
Downing
 12-639-25
 25 cm / 10"



Bircher
 12-611-19
 19 cm 7 1/2"



Bircher
 12-613-19
 19 cm 7 1/2"



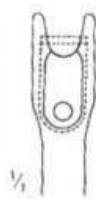
Bircher
 12-617-19
 19 cm 7 1/2"



Bircher
 12-619-19
 19 cm 7 1/2"



Stryker-Scholl
 12-623-01
 19 cm/7 1/2"



Slightly curved

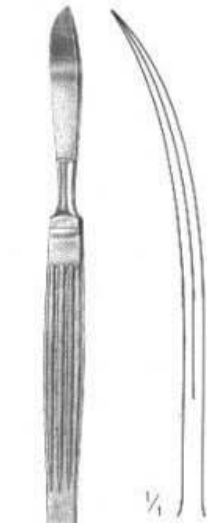


Strongly curved

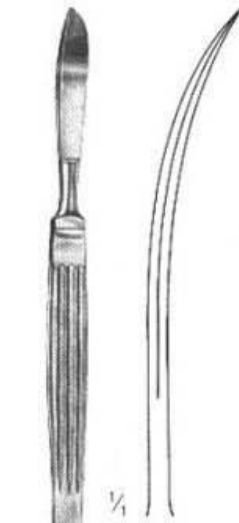
Stryker-Scholl
 12-623-02
 19 cm/7 1/2"



1/1
 12-623-24
 24 St.
 Ersatzklingen,
 Steril
 Spare Blades,
 sterile



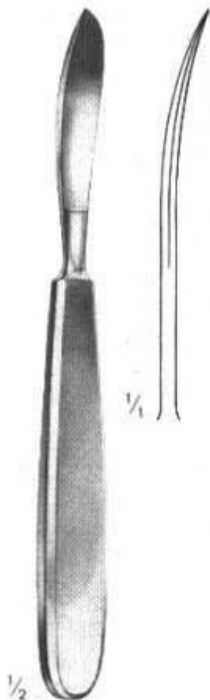
$\frac{1}{2}$
 12-593-16
 16 cm 6 $\frac{3}{4}$ "



$\frac{1}{2}$
 12-595-16
 16 cm 6 $\frac{3}{4}$ "



$\frac{1}{2}$
 12-597-18
 18 cm / 7"



$\frac{1}{2}$
 12-599-18
 18 cm / 7"



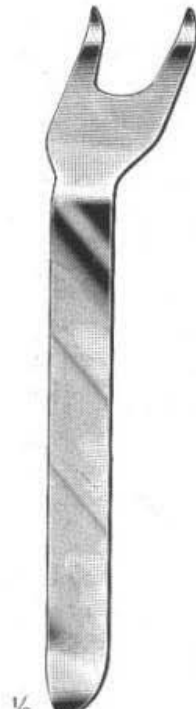
$\frac{1}{2}$
 Mod. Schweden
 17 cm 6 $\frac{3}{4}$ "
 12-601-17
 Left cutting



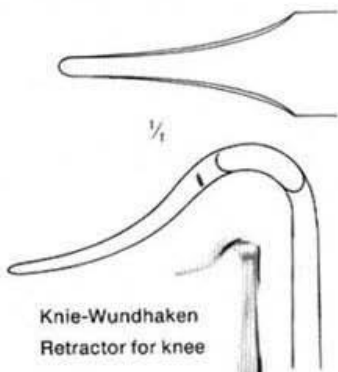
$\frac{1}{2}$
 Mod. Schweden
 17 cm 6 $\frac{3}{4}$ "
 12-603-17
 right cutting



Blount
 12-563-26
 26 cm 10¹/₄"



$\frac{1}{3}$
 Blount
 12-565-26
 26 cm 10¹/₄"



Knie-Wundhaken
 Retractor for knee

$\frac{1}{3}$
 Blount
 12-567-17
 17.5 cm 7"



Spinal Retractor

$\frac{1}{3}$
 Taylor
 12-571-16 12-573-16
 16.5 cm 6¹/₂" 16.5 cm 6¹/₂"
 75 x 30 mm 100 x 30 mm



Lane
12-551-34
34 cm 13 1/2"



Lange-Hohmann
12-555-27 12-555-29
27 cm 10 1/2" 29 cm 11 1/2"



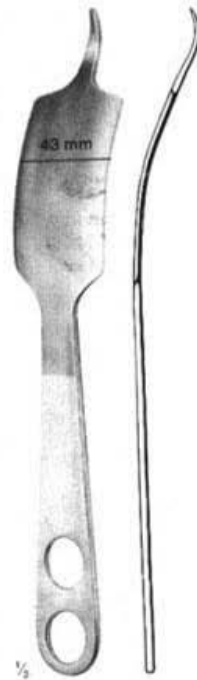
Lange-Hohmann
12-557-27 12-557-29
27 cm 10 1/2" 29 cm 11 1/2"



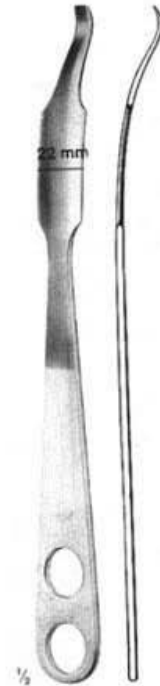
$\frac{1}{3}$
Bennett
12-561-24
24 cm 9 1/2"



Hohmann
 12-541-70
 70 mm



Hohmann
 12-543-43
 43 mm



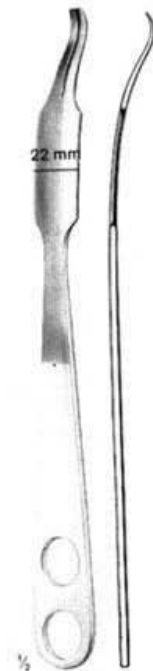
Hohmann
 12-545-22
 22 mm



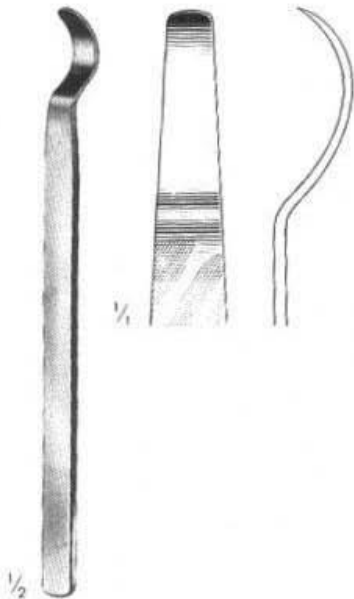
Hohmann
 12-545-35
 33 mm



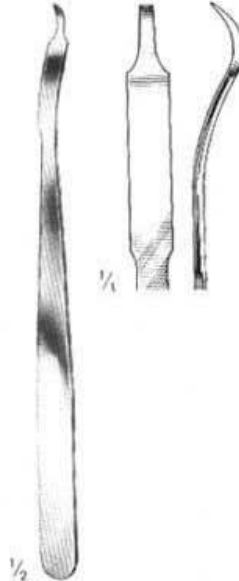
12-547-24
 24 mm



Lange-Hohmann
 12-549-22
 22 mm



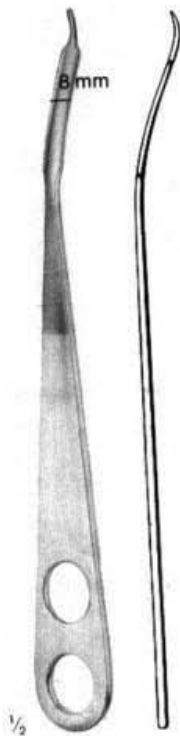
12-537-06
 14 cm 5 1/2"



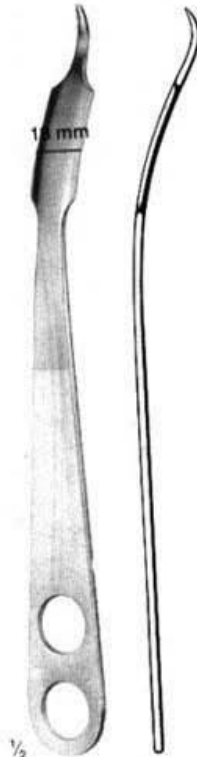
Mini-Hohmann
 12-539-06
 16 cm 6 1/4"



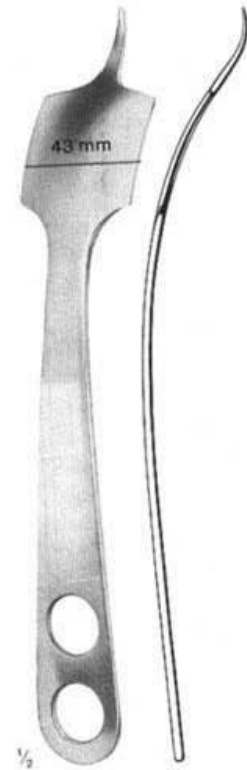
Mini-Hohmann
 12-539-08
 16 cm 6 1/4"



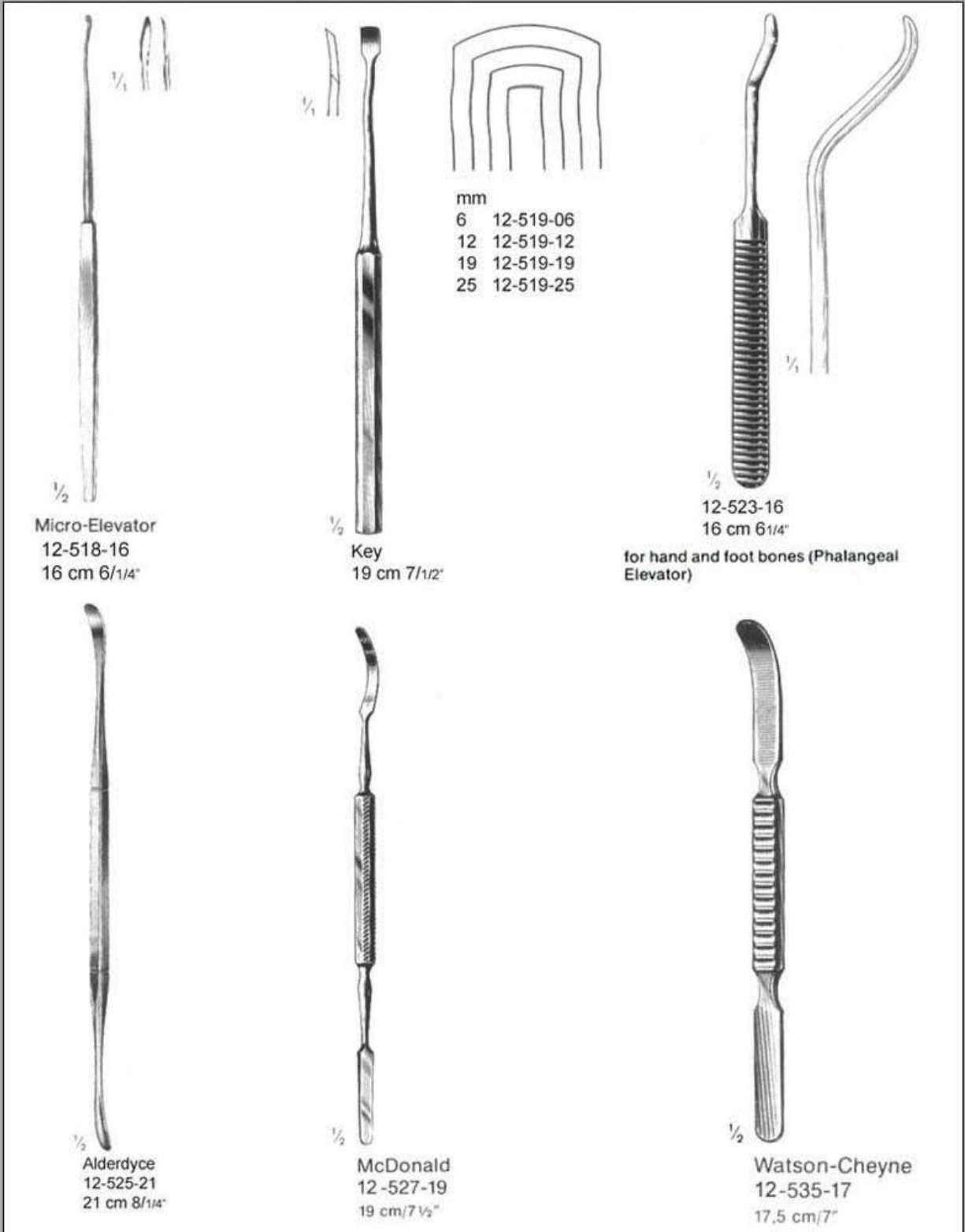
Hohmann
 12-541-08
 8 mm



Hohmann
 12-541-18
 18 mm



Hohmann
 12-541-43
 43 mm



Micro-Elevator
 12-518-16
 16 cm 6 1/4"

Key
 19 cm 7 1/2"

12-523-16
 16 cm 6 1/4"
 for hand and foot bones (Phalangeal Elevator)

Alderdyce
 12-525-21
 21 cm 8 1/4"

McDonald
 12-527-19
 19 cm 7 1/2"

Watson-Cheyne
 12-535-17
 17.5 cm 7"



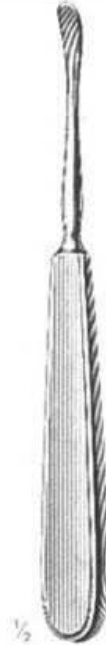
1/2

Langenbeck
 12-495-20
 20 cm / 8"
 narrow



1/2

Langenbeck
 12-497-20
 20 cm / 8"
 Broad



1/2

Yankauer
 12-503-18
 18 cm / 8"
 Septum Elevator



1/2

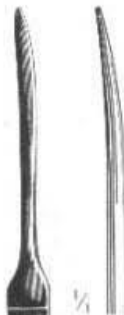
Gen
 12-507-15
 15 cm / 6"



1/4

1/2

Williger
 12-510-17
 17 cm / 6 3/4"



1/4

1/2

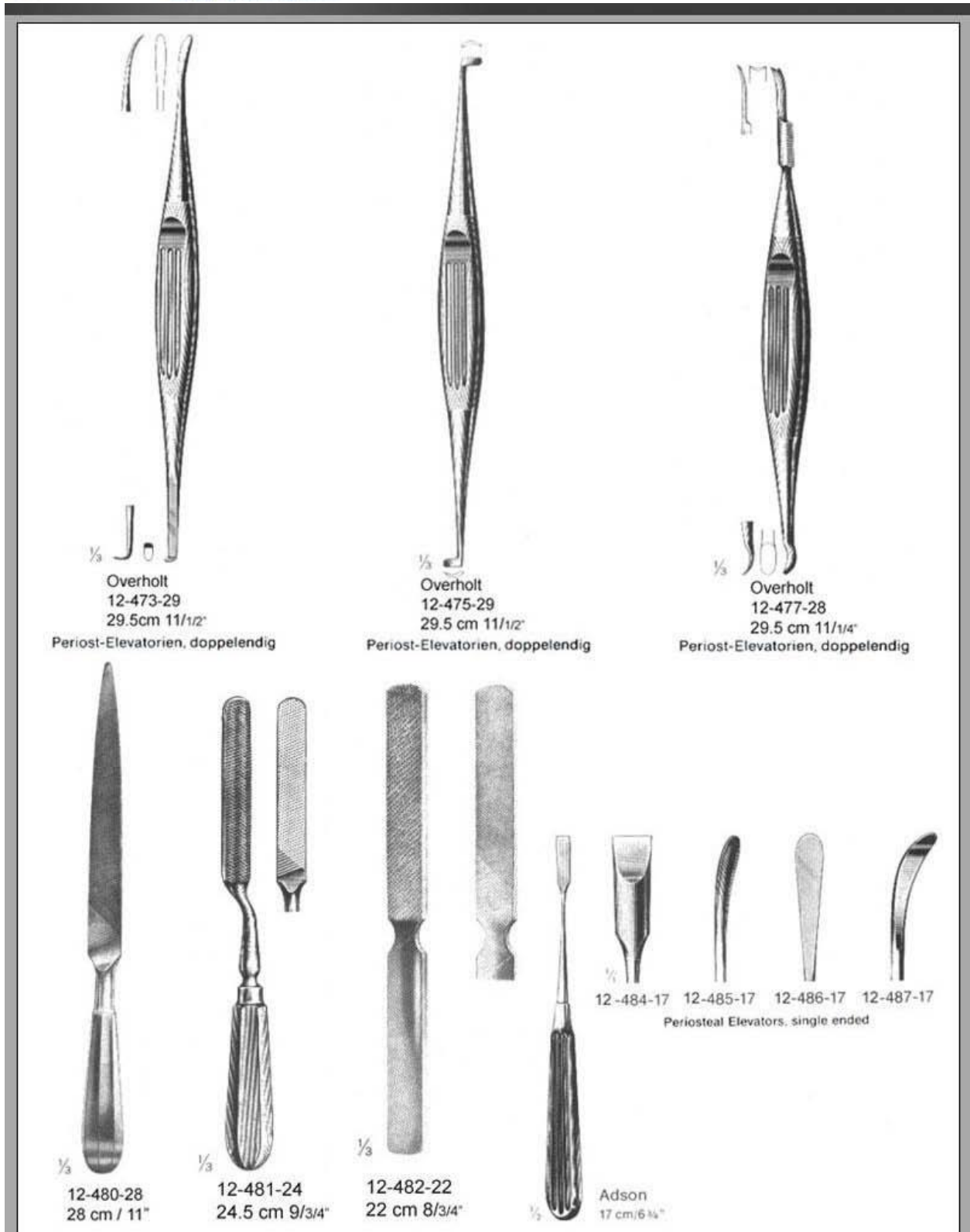
Williger
 12-513-16
 16 cm 6 1/4"



1/4

1/2

12-514-17
 17.5 cm 6 3/4"
 extremely lightweight





Semb



23-450-01
17,5 cm / 7"



23-450-02
21 cm / 8 1/4"



23-450-03
17,5 cm / 7"



23-450-04
21 cm / 8 1/4"



23-450-05
20,5 cm / 8"



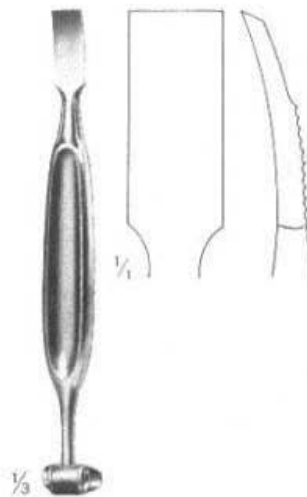
23-450-06
20,5 cm / 8"



23-450-07
22,5 cm / 9"



Davidson - Alexander
23-465-29
29 cm / 11 1/2"

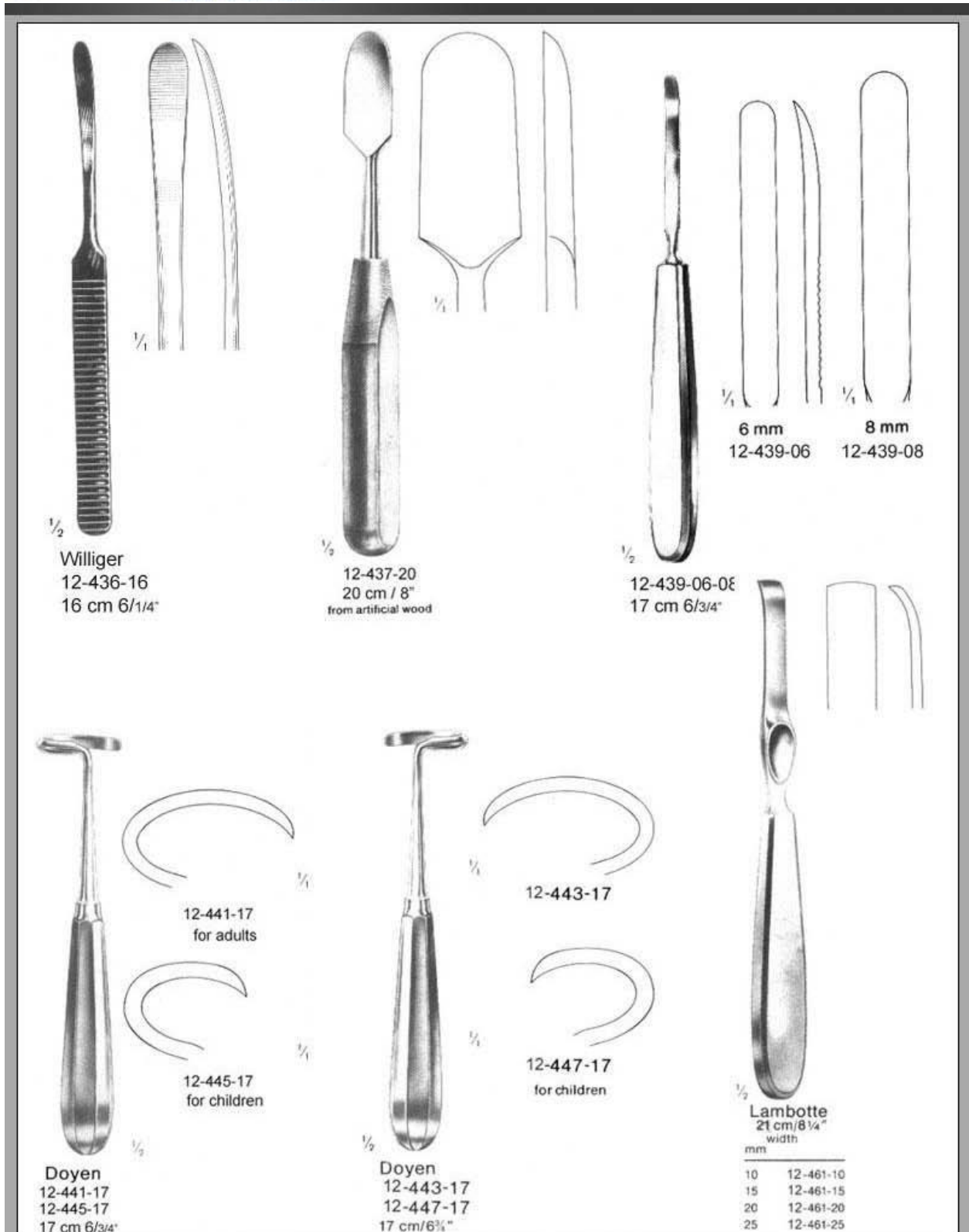


Alexander
12-467-20
20 cm / 8"



Matson
12-469-22
22 cm / 8 3/4"

Rippenraspatorien, doppelendig





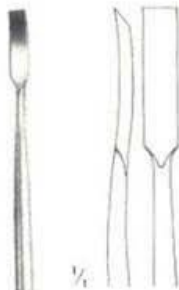
12-430-20
 20 cm / 8"
 from artificial wood



12-431-20
 20 cm / 8"
 from artificial wood



12-431-20
 18 cm / 7"
 from artificial wood



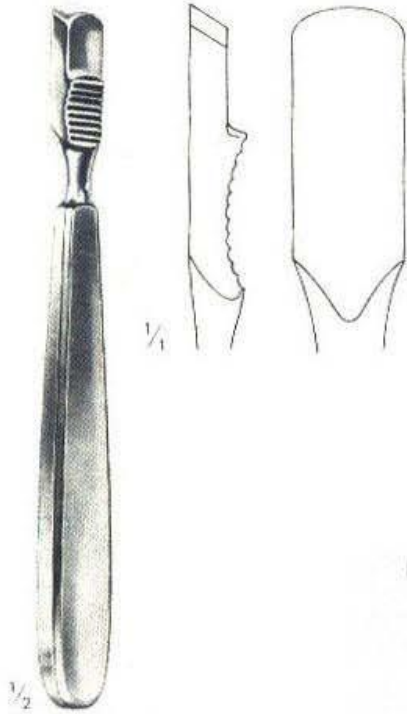
12-433-18
 18 cm / 7"
 from artificial wood



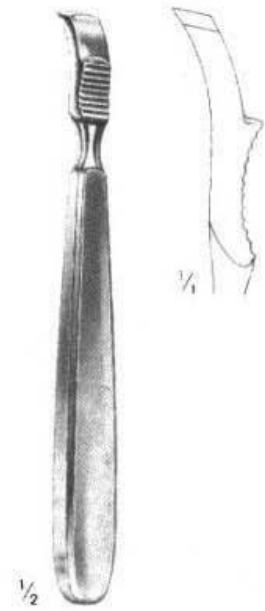
Williger
 12-434-13
 13 cm / 5"



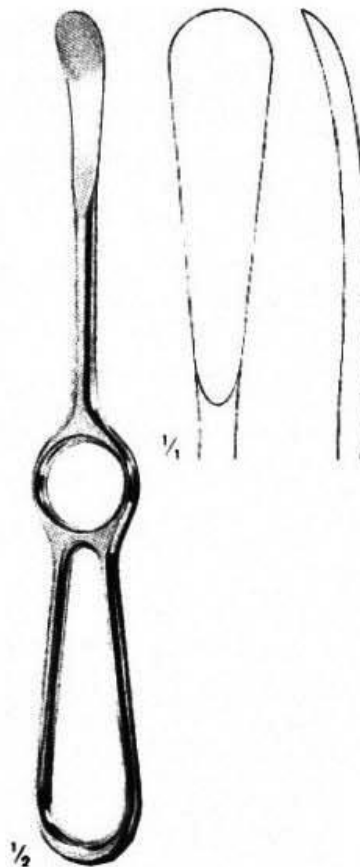
12-435-18
 18 cm / 7"
 from artificial wood



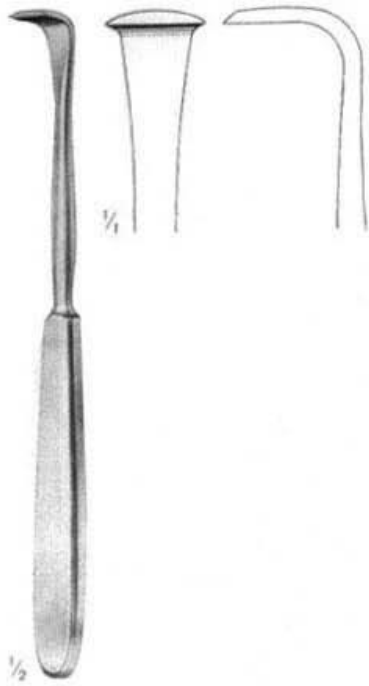
Farabeuf
23-418-15
15 cm/6"



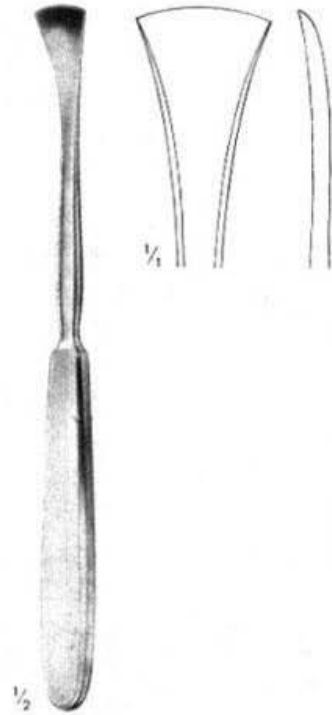
Farabeuf
12-419-15
15- cm / 6"



Sedillot
12-427-21
15- cm 8/1/4"



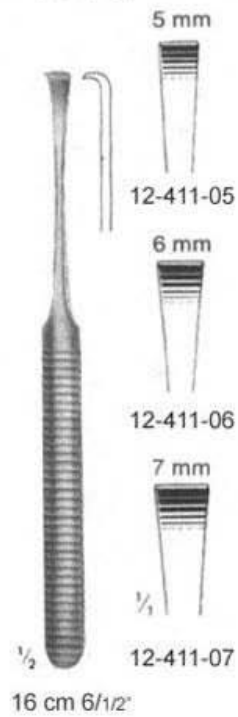
Langenbeck
12-401-18
18 cm / 7"

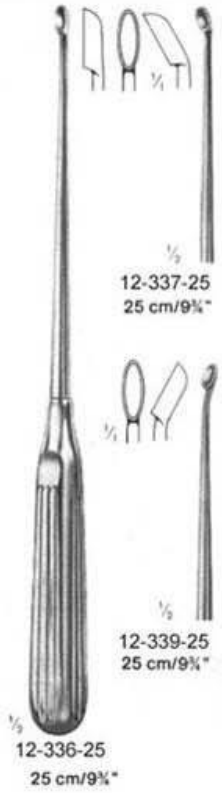


Langenbeck
12-402-19
19 cm / 7 1/2"



Hylin
14.5 cm 5 1/2"

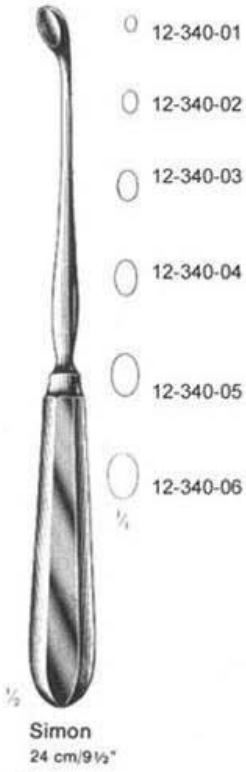




12-337-25
25 cm/9 1/4"

12-339-25
25 cm/9 1/4"

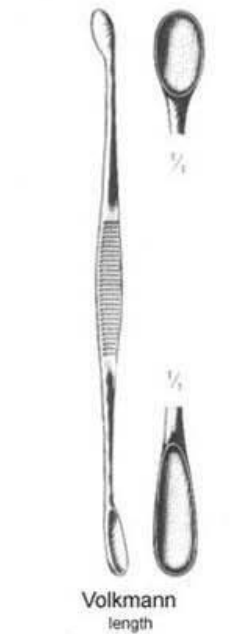
12-336-25
25 cm/9 1/4"



Simon
24 cm/9 1/2"



Halle
21 cm/8 1/4"



Volkman
length

cm	in	
13	5	12-352-13
14	5 1/2	12-352-14
17	6 3/4	12-352-17

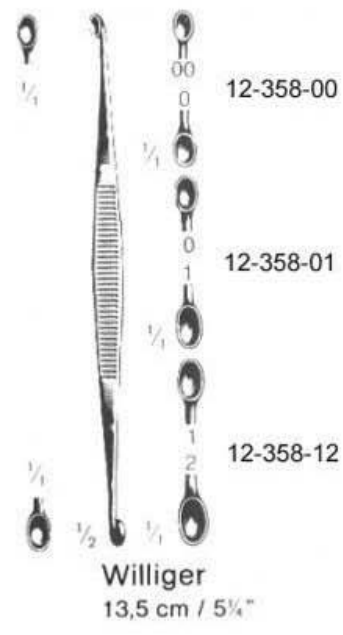


Volkman
Oval/round

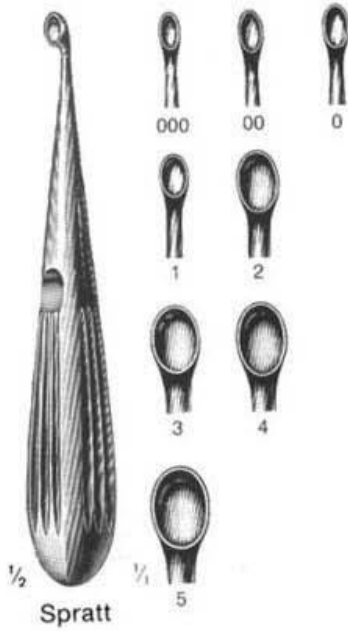
cm	in	
13	5	12-354-13
14	5 1/2	12-354-16
16	5 1/2	12-354-20
17	6 3/4	
20	8	



12-356-21
21 cm/8 1/4"
oval/round

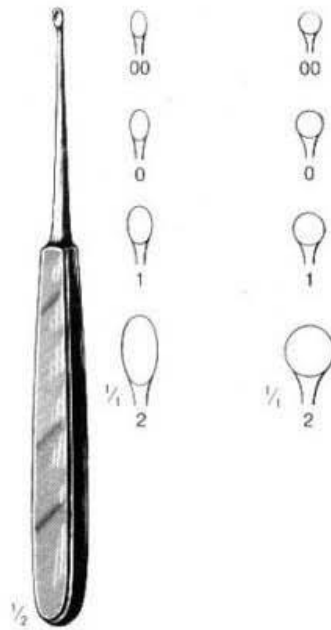


Williger
13,5 cm / 5 1/4"



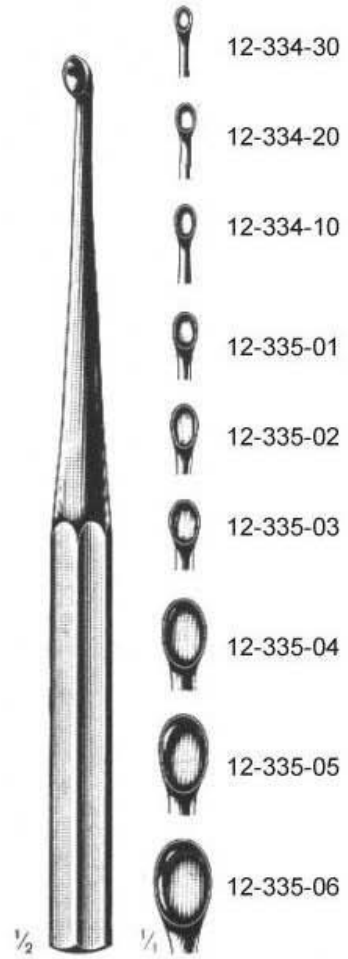
Spratt

Fig.	Spratt
0000	12-312-40
000	12-312-30
00	12-312-20
0	12-312-10
1	12-313-01
2	12-313-02
3	12-313-03
4	12-313-04
5	12-313-05

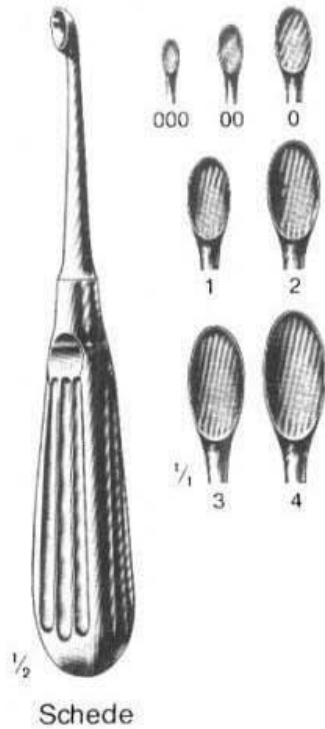


Williger
17.5 cm / 7"

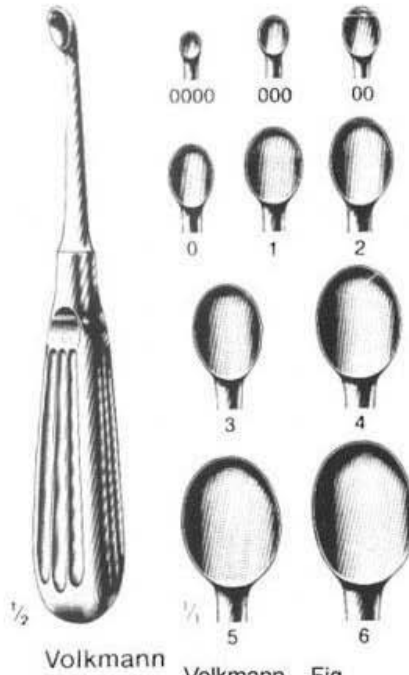
Straight.oval	Fig.	Straight.round
12-320-20	00	12-322-20
12-320-10	0	12-322-10
12-321-01	1	12-323-01
12-321-02	2	12-323-02



Bruns
23 cm/9"



Schede	Fig
12-300-30	000
12-300-20	00
12-300-10	0
12-301-01	1
12-301-02	2
12-301-03	3
12-301-04	4



Volkmann	Fig
12-304-40	0000
12-304-30	000
12-304-20	00
12-304-10	0
12-305-01	1
12-305-02	2
12-305-03	3
12-305-04	4
12-305-05	5
12-305-06	6

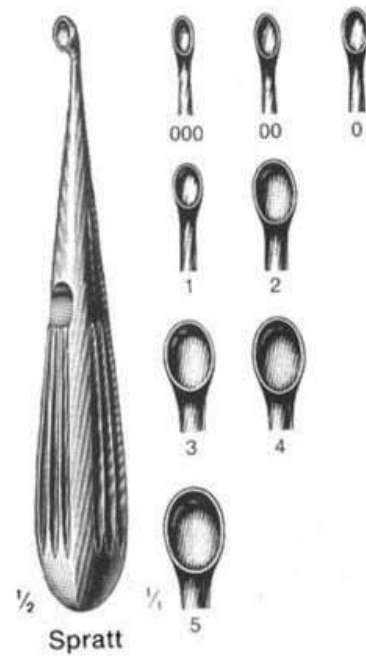
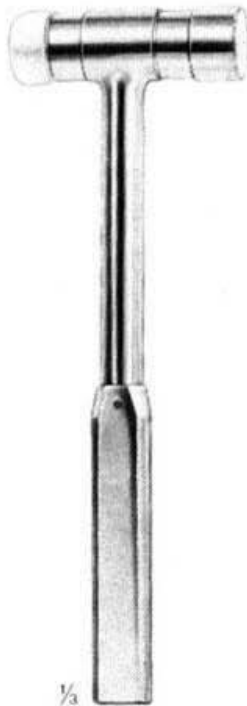


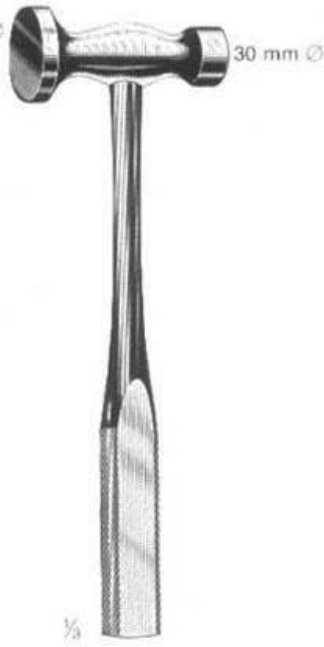
Fig.	Spratt
0000	12-312-40
000	12-312-30
00	12-312-20
0	12-312-10
1	12-313-01
2	12-313-02
3	12-313-03
4	12-313-04
5	12-313-05



42 mm Ø
 530 g
 (19 oz.)

12-240-29
 29 cm / 11½"

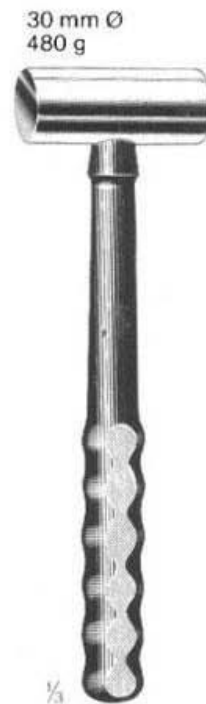
repercussion free



30 mm Ø

steel, solid,
 with light metal handle

12-242-24
 24 cm / 9½"



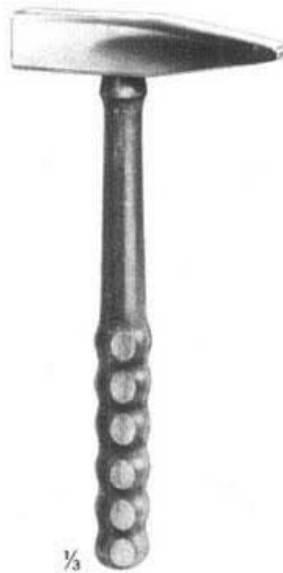
30 mm Ø
 480 g

24 cm / 9½"
 12-244-24
 steel, solid,
 with plastic handle



30 mm Ø
 125 g (4 oz.)

Ferozell
 12-256-18
 18 cm / 7"



24 cm / 9½"
 12-258-24
 steel, solid,
 with plastic handle

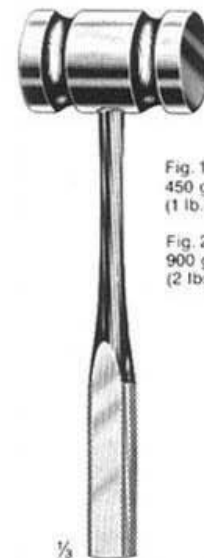


Fig. 1
 450 g
 (1 lb.)

Fig. 2
 900 g
 (2 lbs.)

12-260-01 12-260-02
 (Fig. 1) (Fig. 2)
 26,5 cm / 10½"
 steel, solid

26 mm Ø
 320 g (11¼ oz.)



with interchangeable
 Ferrozell

1/3
Mead
 12-220-17
 17 cm / 6¾"
 solid

22 mm Ø
 200 g
 (7 oz.)



1/3
Partsch
 12-224-18
 18 cm / 7"
 lead filled



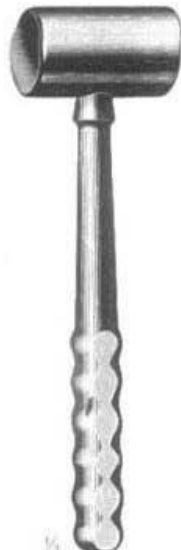
45 mm Ø
 290 g
 (10 oz.)

1/3
12-230-23
 23 cm / 9"
 hardwood, lead filled



80 x 60 mm Ø
 400 g

1/3
Steinbach
 12-234-24
 24 cm / 9½"
 Ferrozell, solid



42 mm Ø
 250 g
 400 g

1/3
12-236-01 12-236-02
 26 cm / 10¼"
 Ferrozell, without lead
 plastic, lead filled



42 mm Ø
 400 g

1/3
12-238-26
 26 cm / 10¼"
 Ferrozell, lead filled



$\frac{1}{3}$
Williger
 24 cm/9½"
 lead filled



12-200-01
 26 mm Ø
 300 g (10½ oz.)



12-200-02
 28 mm Ø
 340 g (12 oz.)



12-200-03
 30 mm Ø
 400 g (14 oz.)



$\frac{1}{3}$
Doyen
 21 cm/8¼"
 solid



12-204-01
 25 mm Ø
 120 g (4¼ oz.)



12-204-02
 30 mm Ø
 180 g (6½ oz.)

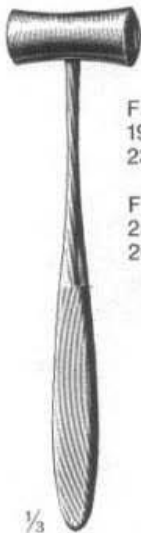


12-204-03
 35 mm Ø
 260 g (9 oz.)



$\frac{1}{3}$
Collin
 12-208-20
 20 cm/8"
 solid

30 mm Ø
 220 g
 (7¾ oz.)



$\frac{1}{3}$
Lucae
 12-214-01 12-214-02
 (Fig. 1) (Fig. 2)
 19 cm/7½"
 solid

Fig. 1
 19 mm Ø
 230 g (8 oz.)

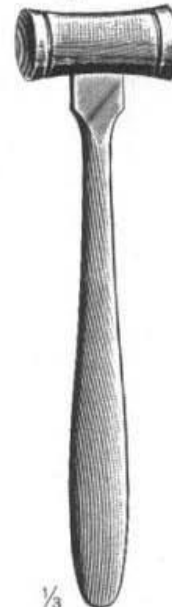
Fig. 2
 25 mm Ø
 260 g (9 oz.)

20 mm Ø
 140 g
 (5 oz.)



$\frac{1}{3}$
 12-216-01 12-216-02
 16,5 cm/6½"
 lead filled solid

30 mm Ø
 510 g (18 oz.)



$\frac{1}{3}$
 12-218-22
 22,5 cm/9"
 steel, solid



$\frac{1}{3}$
Putti
30 cm/12"
12-181-30



$\frac{1}{3}$
Putti
12-183-27
27 cm/10½"



$\frac{1}{2}$
15,5 cm / 6"

$\frac{1}{4}$ ●
2 mm Ø
12-198-02

$\frac{1}{4}$ ●
3 mm Ø
12-198-03

$\frac{1}{4}$ ●
4 mm Ø
12-198-04

$\frac{1}{4}$ ●
5 mm Ø
12-198-05

$\frac{1}{4}$ ●
6 mm Ø
12-198-06

$\frac{1}{4}$ ●
8 mm
12-198-08

$\frac{1}{4}$ ●
10 mm
12-198-10



$\frac{1}{3}$

Hibbs
width

mm	24 cm/9 1/2"
6	172-06
13	172-13
19	172-19
25	172-25
32	172-32



$\frac{1}{3}$

Hibbs
width

mm	24 cm/9 1/2"
6	12-173-06
13	12-173-13
19	12-173-19
25	12-173-25
32	12-173-32



$\frac{1}{3}$

Hibbs
Width

mm	24 cm 9/12"
06	12-176-06
13	12-176-13
19	12-176-19
25	12-176-25
32	12-176-32



$\frac{1}{3}$

Hibbs
Width

mm	24 cm 9/12"
06	12-177-06
13	12-177-13
19	12-177-19
25	12-177-25
32	12-177-32



Smith-petersen
12-156-09
12-156-25

mm	20 cm / 8"
9	12-156-09
14	12-156-14
19	12-156-19
25	12-156-25



Smith-petersen
12-157-09
12-157-25

mm	20 cm / 8"
9	12-157-09
14	12-157-14
19	12-157-19
25	12-157-25



Hoke
Width

mm	17 cm 6/3/4"
03	12-162-03
05	12-162-05
06	12-162-06
08	12-162-08
09	12-162-09



Hibbs
Width

mm	24 cm 9/1/2"
06	12-170-06
13	12-170-13
19	12-170-19
25	12-170-25
32	12-170-32



1/2
 Lambotte

mm	23 cm 9/12"
15	12-139-15
20	12-139-20
25	12-139-25
30	12-139-30
38	12-139-38
44	12-139-44
50	12-139-50



1/2
 Smith-petersen
 12-154-06
 12-154-32

mm	20 cm /8"
6	12-154-06
9	12-154-09
13	12-154-13
16	12-154-16
19	12-154-19
25	12-154-25
32	12-154-32



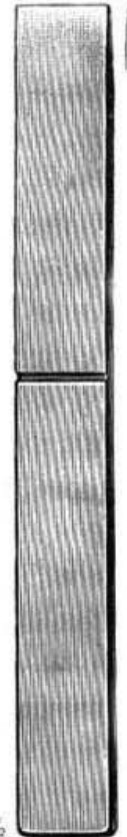
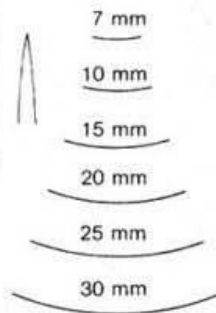
1/2
 Smith-petersen
 12-155-06
 12-155-32

mm	20 cm /8"
6	12-155-06
9	12-155-09
13	12-155-13
16	12-155-16
19	12-155-19
25	12-155-25
32	12-155-32



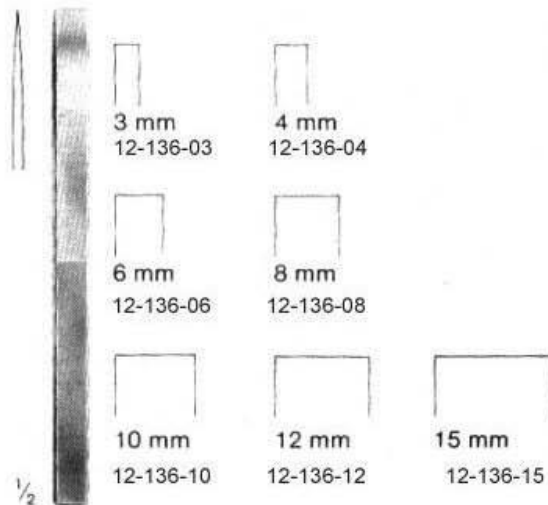
mm	22 cm 8 3/4"
07	12-135-07
10	12-125-10
15	12-135-15
20	12-135-20
25	12-135-25
30	12-135-30

Lexer
12-135-07
12-135-30



mm	24 cm 9 1/2"
15	12-138-15
20	12-138-20
25	12-138-25
30	12-138-30
38	12-138-38
44	12-138-44
50	12-138-50

Lambotte

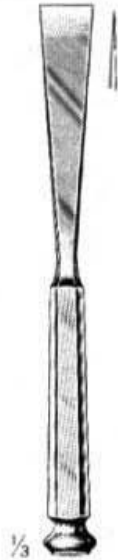


Mini-Lambotte
12,5 cm / 5"



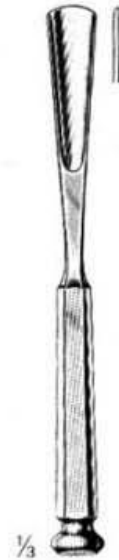
1/3
Stille
Width

20 cm / 8"	mm
12-123-10	10
12-123-15	15
12-123-20	20
12-123-25	25



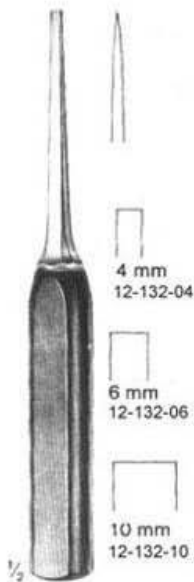
1/3
Stille
Width

20 cm / 8"	mm
12-124-10	10
12-124-15	15
12-124-20	20
12-124-25	25



1/3
Stille
Width

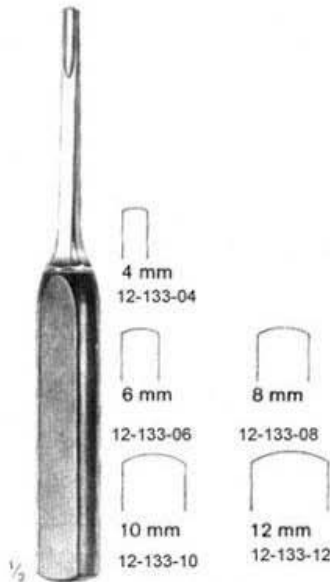
20 cm / 8"	mm
12-127-10	10
12-127-15	15
12-127-20	20
12-127-25	25



Mini-Lexer
18 cm / 7"

4 mm	12-132-04
6 mm	12-132-06
10 mm	12-132-10

8 mm	12-132-08
12 mm	12-132-12



Mini-Lexer
18 cm / 7"

4 mm	12-133-04
6 mm	12-133-06
10 mm	12-133-10

8 mm	12-133-08
12 mm	12-133-12

mm	22 cm 8 3/4"
07	12-134-07
10	12-134-10
15	12-134-15
20	12-134-20
25	12-134-25
30	12-134-30

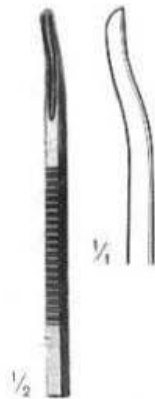


Lexer
12-134-07
12-134-30

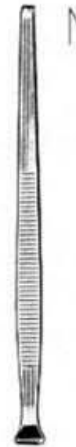
7 mm
10 mm
15 mm
20 mm
25 mm
30 mm



12-103-03
Buck-Gramcko



12-103-04
Buck-Gramcko



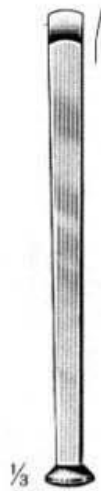
Partsch
Width

11.5 cm 4 1/2"	13.5 cm 5 1/4"	17 cm 6 3/4" mm	
12-104-02	12-105-02	12-106-02	2
12-104-03	12-105-03	12-106-03	3
12-104-04	12-105-04	12-106-04	4
12-104-05	12-105-05	12-106-05	5
12-104-06	12-105-06	12-106-06	6
12-104-07	12-105-07	12-106-07	7
12-104-08	12-105-08	12-106-08	8



Partsch
Width

11.5 cm 4 1/2"	13.5 cm 5 1/4"	17 cm 6 3/4"	mm
12-108-02	12-109-02	12-110-02	2
12-108-03	12-109-03	12-110-03	3
12-108-04	12-109-04	12-110-04	4
12-108-05	12-109-05	12-110-05	5
12-108-06	12-109-06	12-110-06	6
12-108-07	12-109-07	12-110-07	7
12-108-08	12-109-08	12-110-08	8



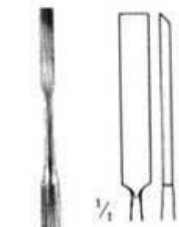
Alexander
Width

18 cm 7"	mm
12-118-04	4
12-118-06	6
12-118-08	8
12-118-10	10
12-118-12	12
12-118-14	14



Alexander
Width

18 cm 7"	mm
12-119-04	04
12-119-06	06
12-119-08	08
12-119-10	10
12-119-12	12
12-119-14	14



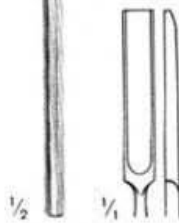
12-060-02
2 mm



12-060-03
3 mm



12-060-04
4 mm



Buckley
16 cm/6 1/4"



12-061-02
2 mm



12-061-03
3 mm



12-061-04
4 mm



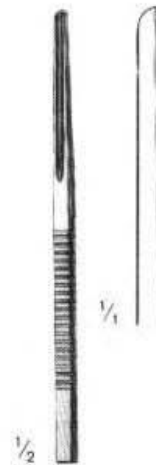
Width	
mm	13.5 cm 5 1/4"
8	12-100-08
10	12-100-10
12	12-100-12
14	12-100-14
16	12-100-16



Width	
mm	13.5 cm 5 1/4"
8	12-101-08
10	12-101-10
12	12-101-12
14	12-101-14
16	12-101-16



Width	
mm	13.5 cm 5 1/4"
8	12-102-08
10	12-102-10
12	12-102-12
14	12-102-14
16	12-102-16



12-103-01
Buck-Gramcko



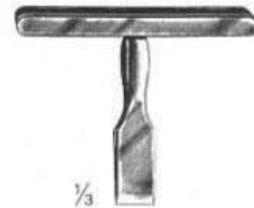
Buck-Gramcko
12-103-02



$\frac{1}{3}$
 12-031-22
 22 cm / 8 $\frac{5}{8}$ "
 Rhachiotomes, all steel



$\frac{1}{3}$
 12-032-20
 20 cm / 8"
 Rhachiotomes, all steel



$\frac{1}{3}$
 Virchow
 12-036-00
 Skull Breakers, all steel



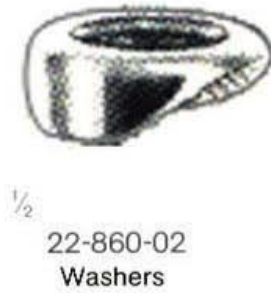
12-044-15 = 15 mm
 12-044-18 = 18 mm
 12-044-22 = 22 mm
 13.5 cm / 5 $\frac{3}{8}$ "
 Bone Chisels, all steel



$\frac{1}{3}$
 Brunetti
 12-050-15
 28 cm / 11"
 Left



$\frac{1}{3}$
 Brunetti
 12-051-15
 28 cm / 11"
 Right



11-860-40	110 mm	11-860-20	60 mm
-42	115 mm	-22	65 mm
-44	120 mm	-24	70 mm
-46	125 mm	-26	75 mm
11-860-48	130 mm	11-860-28	80 mm
11-860-50	135 mm	11-860-30	85 mm
-52	140 mm	-32	90 mm
-54	145 mm	-34	95 mm
-56	150 mm	-36	100 mm
		11-860-38	105 mm



1/2
11-852-00
Nail Spreader



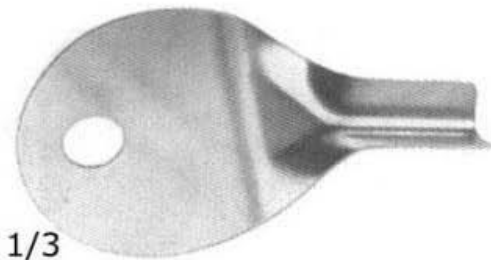
1/1
11-853-00
Socket wrench



1/2
11-850-00
Crown burr



1/2
11-851-00
Compression nut holder



1/3

11-743-10



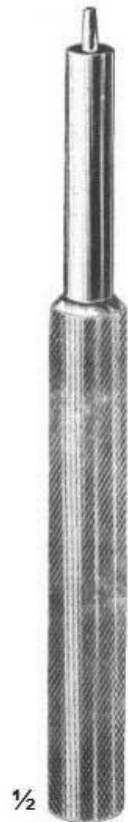
1/2

Kuntscher
 11-746-21
 Nail Driver



1/2

Kuntscher
 11-748-21
 Slotted Nail Driver



1/2

Kuntscher
 11-750-21
 Nail Impactor



1/2

11-758-30
 Slotted Hammer
 for Extraction Hooks



11-759-29 = 29 cm/11 1/2"
 11-759-37 = 37 cm/14 1/2"
 11-759-42 = 42 cm/16 1/2"
 11-759-49 = 49 cm/19 1/4"

Extraction Hooks



1/3
Kuntscher
11-727-26
 Reamer for medullary cavity



1/3
Kuntscher
11-729-35
 Reamer for femur, cannulated
 for guide pin



11-730-35
11-738-60
 For nails up to 35 cm 3/4"



1/3
11-755-10
 Wrench



1/3
11-755-01



1/3
Frobenius
11-755-56
 nail extractor



1/3
11-756-01
 1/3
11-756-02
 1/3
11-756-03
 1/3
11-756-04
11-756-63
Kuntscher
 Nail Extractor with 2 hooks 11-756-01
 and sliding mallet



11-712-03 = 3.2 mm \varnothing



11-712-04 = 4.8 mm \varnothing

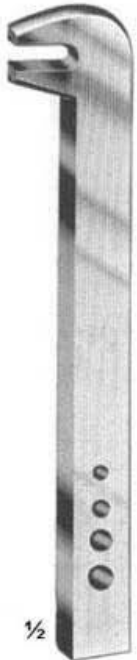


11-712-06 = 6.4 mm \varnothing



11-698-02 - 06

- | | | |
|---|------|--------------------------|
| 11-698-02 | | |
| 11-698-03 | dito | 3.2 mm \varnothing |
| 11-698-04 | dito | 4.8 mm \varnothing |
| 11-698-06 | dito | 6.4 mm \varnothing |
| Racks for intramedullary pins with hook, only | | |
| 11-698-02 | | for 2.4 mm \varnothing |
| 11-698-03 | | for 3.2 mm \varnothing |
| 11-698-04 | | for 4.8 mm \varnothing |
| 11-698-06 | | for 6.4 mm \varnothing |



11-704-20
 Bender of light metal. for intra-medullary pins



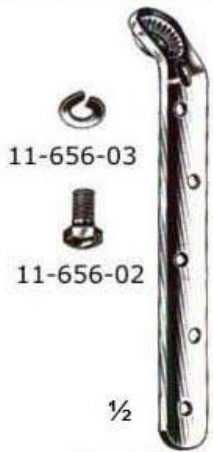
11-708-02 = 2.4 mm Ø
11-708-06 = 6.4 mm Ø wire Guide of



11-709-01 = small radius
11-709-03 = large radius



11-712-02 = 2.4 mm Ø



Smith-Petersen
11-656-00

Intertrochanteric Bone Plate with
 fixing screw and locking washer
 Locking Washer Pronged Washer



Mc Laughlin
11-661-09 = 95 mm

Intertrochanteric Bone Plate with
 fixing screw and locking washer
 Fixing Screw only
 Locking Washer Pronged Washer



Wrench for fixing screws
11-667-13



Nail Driver for nails with threaded head
11-668-21
21 cm/8"



Impactor and Extractor for nails with threaded head
11-670-20



Rithey
11-672-20
20 cm / 8"
 Nail Starter (cortical broach), for Smith-Petersen hip nails.



Kirschner
trocar point

mm Ø	Length 80 mm	Length 100 mm	Length 120 mm	Length 140 mm	Length 160 mm	Length 310 mm
1,0	11-622-10	11-624-10	11-626-10	11-628-10	11-630-10	11-632-10
1,1	11-622-11	11-624-11	11-626-11	11-628-11	11-630-11	11-632-11
1,2	11-622-12	11-624-12	11-626-12	11-628-12	11-630-12	11-632-12
1,3	11-622-13	11-624-13	11-626-13	11-628-13	11-630-13	11-632-13
1,4	11-622-14	11-624-14	11-626-14	11-628-14	11-630-14	11-632-14
1,5	11-622-15	11-624-15	11-626-15	11-628-15	11-630-15	11-632-15
1,6	11-622-16	11-624-16	11-626-16	11-628-16	11-630-16	11-632-16
1,7	11-622-17	11-624-17	11-626-17	11-628-17	11-630-17	11-632-17
1,8	11-622-18	11-624-18	11-626-18	11-628-18	11-630-18	11-632-18
1,9	11-622-19	11-624-19	11-626-19	11-628-19	11-630-19	11-632-19
2,0	11-622-20	11-624-20	11-626-20	11-628-20	11-630-20	11-632-20
2,2	11-622-22	11-624-22	11-626-22	11-628-22	11-630-22	11-632-22
2,5					11-630-25	11-632-25



Kirschner

mm Ø	Length 310 mm
1,0	11-634-10
1,2	11-634-12
1,5	11-634-15
1,6	11-634-16
1,7	11-634-17
1,8	11-634-18
2,0	11-634-20
2,2	11-634-22
2,5	11-634-25



Sven Johansson
with guide-bore

mm	11 mm Ø	mm	11 mm Ø
70	11-640-10	120	11-640-20
75	11-640-11	125	11-640-21
80	11-640-12	130	11-640-22
85	11-640-13	135	11-640-23
90	11-640-14	140	11-640-24
95	11-640-15	145	11-640-25
100	11-640-16	150	11-640-26
105	11-640-17	160	11-640-28
110	11-640-18	170	11-640-30
115	11-640-19		



with enlarged and recessed
flanges, threaded head
and guide-bore

mm	18 mm Ø	mm	18 mm Ø
80	11-646-12	110	11-646-18
85	11-646-13	115	11-646-19
90	11-646-14	120	11-646-20
95	11-646-15	130	11-646-22
100	11-646-16	140	11-646-24
105	11-646-17	150	11-646-26



Smith-Petersen
with threaded head and
guide-bore

mm	12,7 mm Ø	mm	12,7 mm Ø
70	11-650-10	120	11-650-20
75	11-650-11	125	11-650-21
80	11-650-12	130	11-650-22
85	11-650-13	135	11-650-23
90	11-650-14	140	11-650-24
95	11-650-15	145	11-650-25
100	11-650-16	150	11-650-26
105	11-650-17	160	11-650-28
110	11-650-18	170	11-650-30
115	11-650-19		



Coupling-bow only for wire drill guides
11-612-01 and 11-614-01



Hand Drill with telescopic wire drill guide
11-612-01, coupling bow 11-615-01 and
chuck with key

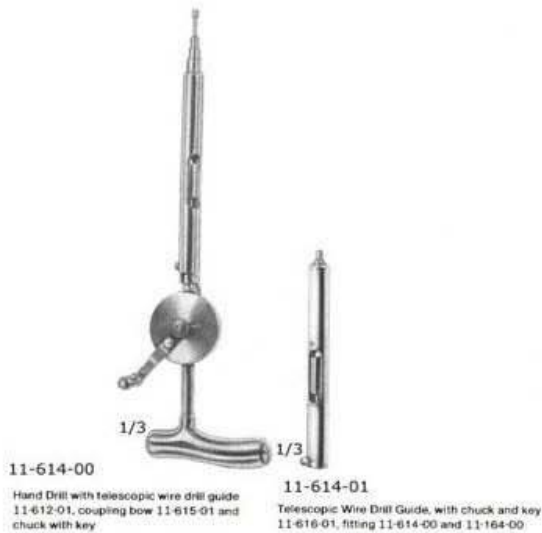


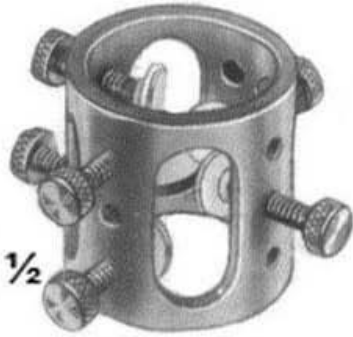
Telescopic Wire Drill Guide, with chuck and key,
fitting 11-612-00 and 11-164-00



11-621-01
14 cm / 5 1/2"

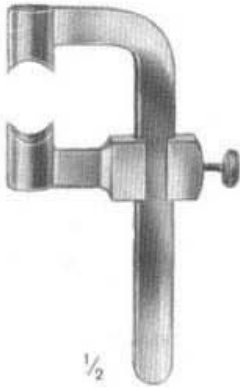
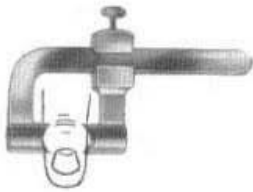
Hand Drill, perforated, with three-jaw-chuck
and key, accomodating up to 3.95 mm (5/32")





1/2

11-597-00



1/2



Buck-Gramcko



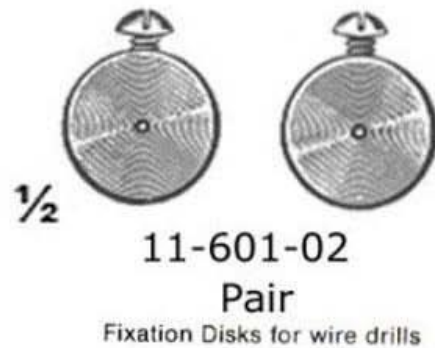
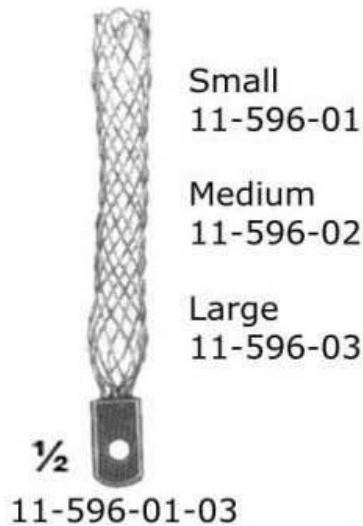
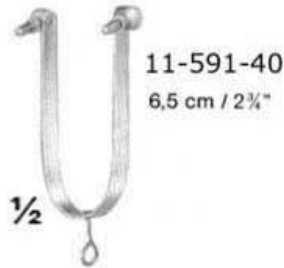
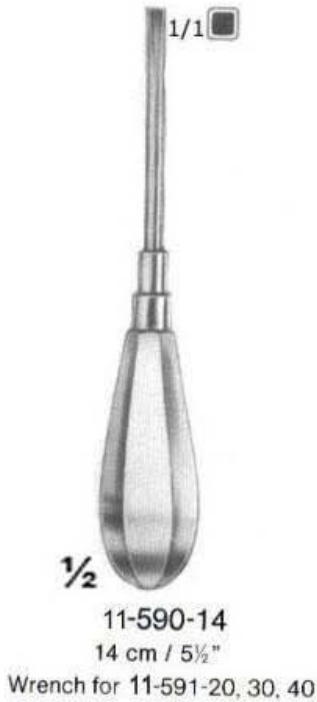
1/2

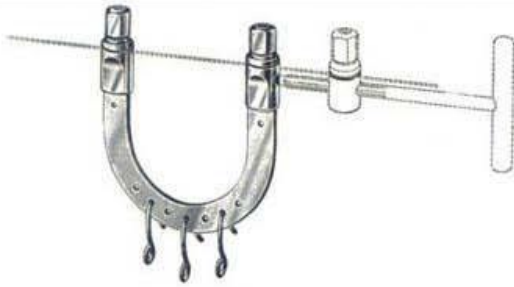
11-603-03



1/2

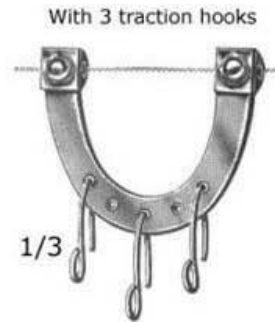
11-603-06





With 3 traction hooks

	clear width	
	cm	in.
11-581-01	8.5 x 7	3 3/4 x 2 3/4
11-581-02	10.5 x 10.5	4 1/4 x 4 1/4
11-581-03	12 x 12	4 3/4 x 4 3/4
11-581-04	15.5 x 15.5	6 x 6
11-581-05	20 x 15.5	8 x 6



With 3 traction hooks

1/3

Kirschner
11-583-01

6 x 5 cm / 2 1/2 x 2"



With 3 traction hooks

1/3

Kirschner
11-585-01 = 11-585-02
large pattern as 11-585-01
adjustable with 3 traction hooks



1/4

11-586-18
Wire Strainer for kirschner
extension bows 11-581-01
11-581-05



11-587-19
19 cm / 7 1/2"

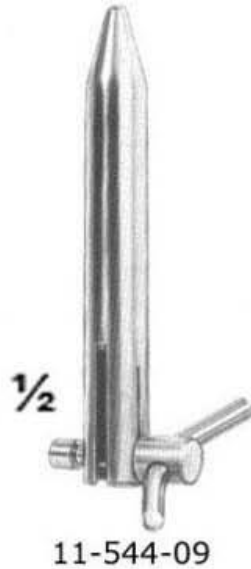
Screw Nut Wrench for 22-581-01 - 05
and 22-604-18



clear width
cm in.

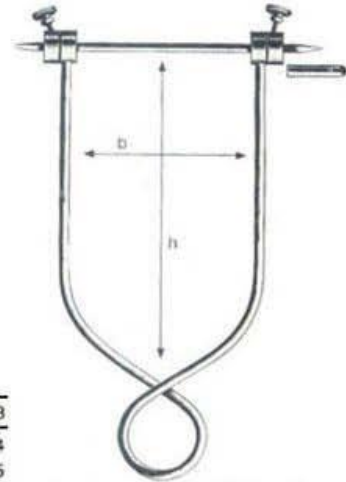
11-589-18	18 x 10	7 x 4
11-589-27	27 x 16	10 1/2 x 6 1/4

11-589-18 = for children and for elbows
11-589-27 = for adults



Steinmann

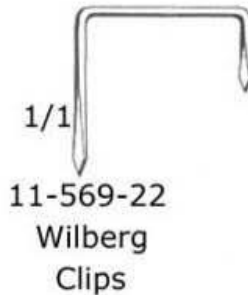
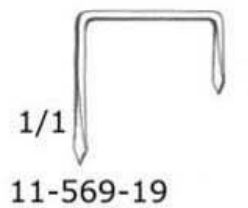
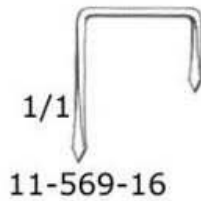
cm	in.	
13	5	11-562-13
14	5 $\frac{1}{2}$	11-562-14
15	6	11-562-15
16	6 $\frac{1}{4}$	11-562-16
18	7	11-562-18
20	8	11-562-20
21	8 $\frac{1}{4}$	11-562-21



cm	in.	
h x b	h x b	
16 x 9	6 $\frac{1}{4}$ x 3 $\frac{1}{2}$	11-565-16 for arm
21 x 11	8 $\frac{1}{4}$ x 4 $\frac{1}{2}$	11-565-21 for thigh and knee



length	Art.Nr
15 mm	11-568-15
20 mm	11-568-20
25 mm	11-568-25
35 mm	11-568-35
40 mm	11-568-40
45 mm	11-568-45
50 mm	11-568-50
55 mm	11-568-55
60 mm	11-568-60
65 mm	11-568-65
70 mm	11-568-70



length	round
20 mm	11-574-20
25 mm	11-574-25
35 mm	11-574-30
40 mm	11-574-35
45 mm	11-574-40
50 mm	11-574-45
55 mm	11-574-50
60 mm	11-574-60
70 mm	11-574-70



length	round	
cm	in.	
10	4	11-576-10
12	4 $\frac{3}{4}$	11-576-12
14	5 $\frac{1}{2}$	11-576-14
16	6 $\frac{1}{4}$	11-576-16
18	7	11-576-18
20	8	11-576-20

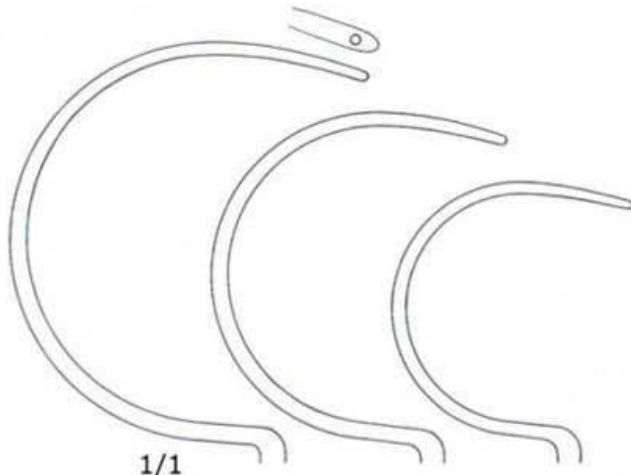
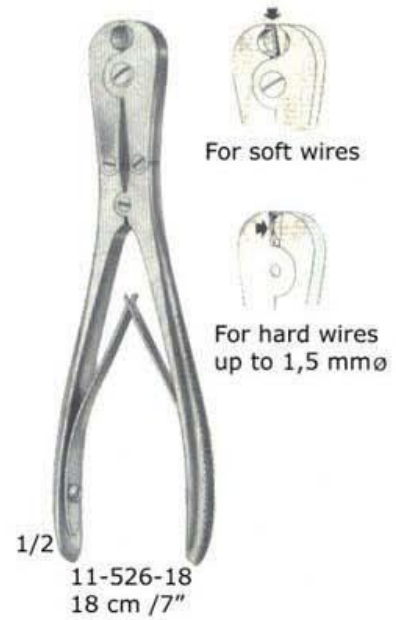
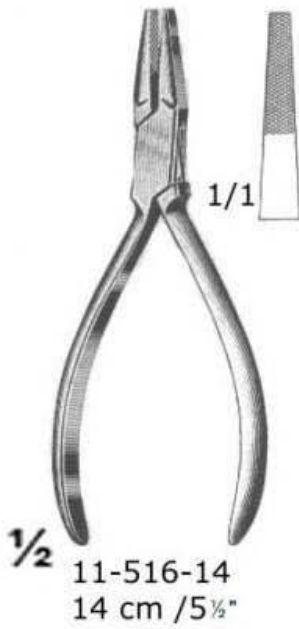
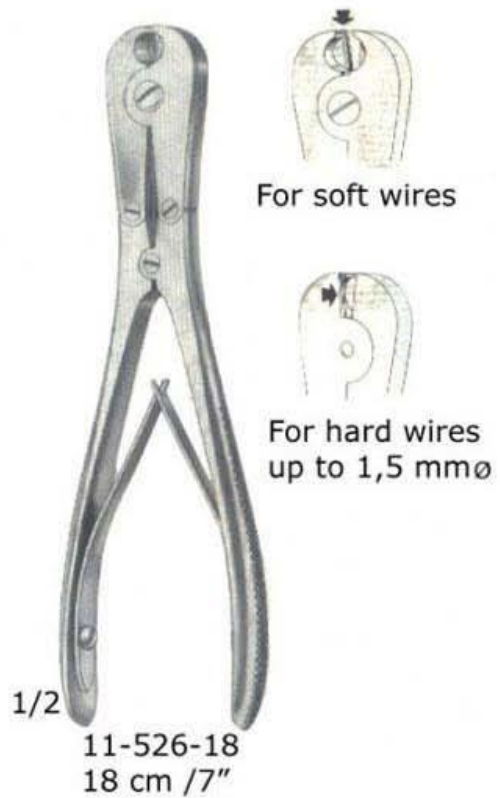
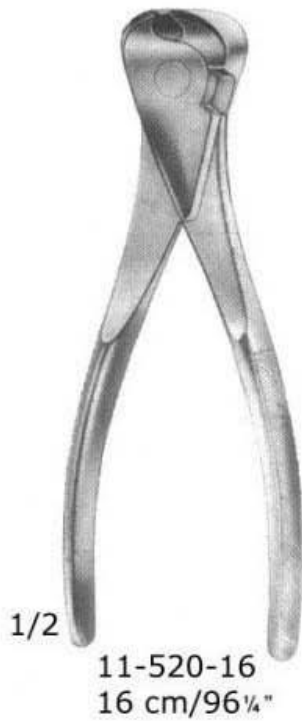
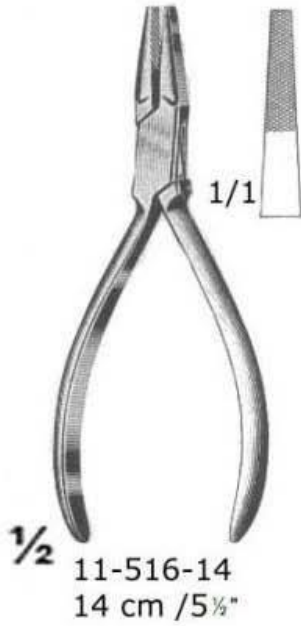


Fig. 1 Fig. 2 Fig. 3
 Bone Wire Guides, Fig. 1-3











1/2
 11-523-22
 22 cm / 8½"



1/2
 11-524-15
 15 cm / 6"



1/2
 11-525-24
 24 cm / 9½"



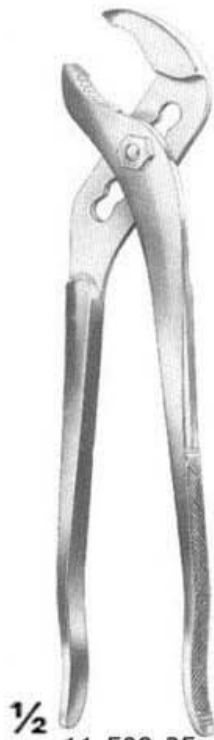
1/2
 11-526-18
 18 cm / 7"



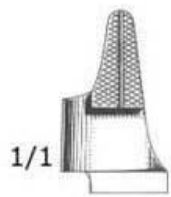
For soft wires



For hard wires
 up to 1,5 mmø



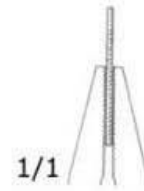
$\frac{1}{2}$
 11-509-25
 25 cm / 9 $\frac{3}{4}$ "



1/1



$\frac{1}{2}$
 11-510-15
 15 cm / 6"



1/1

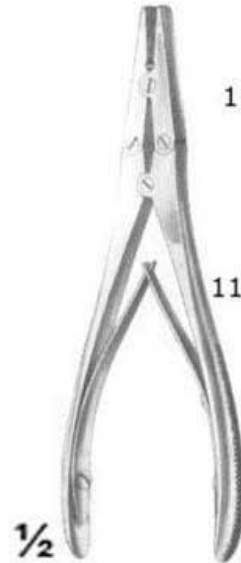
Parallel Action



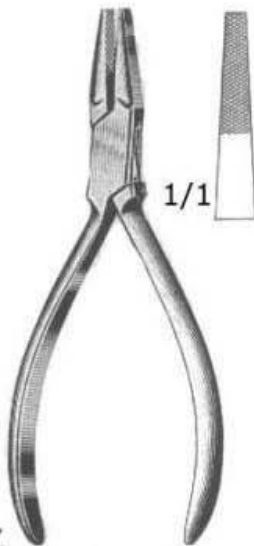
11-512-18



11-514-18



$\frac{1}{2}$
 18 cm / 7"



1/1

$\frac{1}{2}$
 11-516-14
 14 cm / 5 $\frac{1}{2}$ "

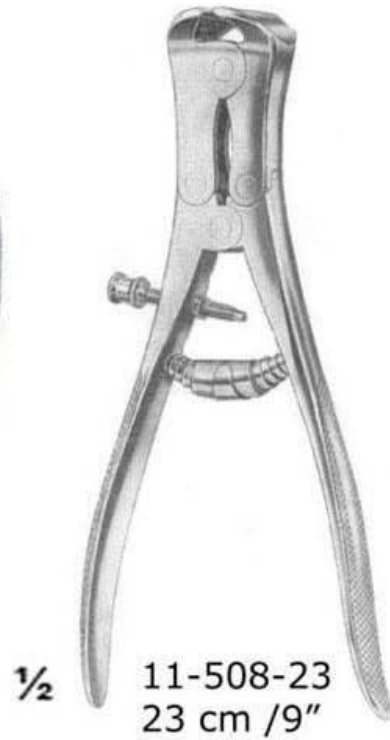
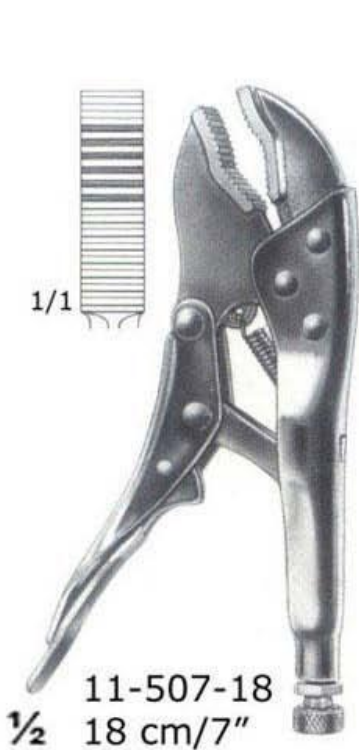
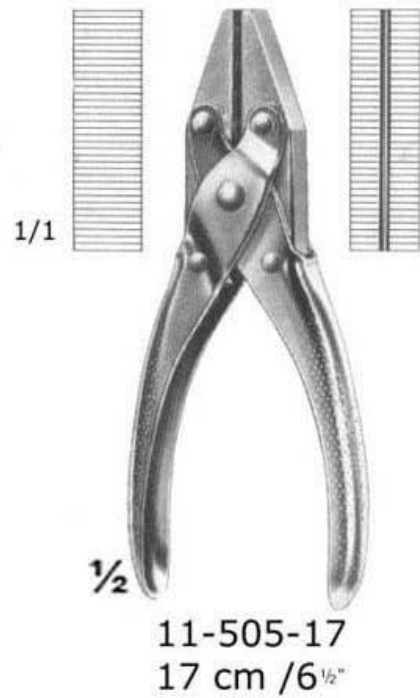


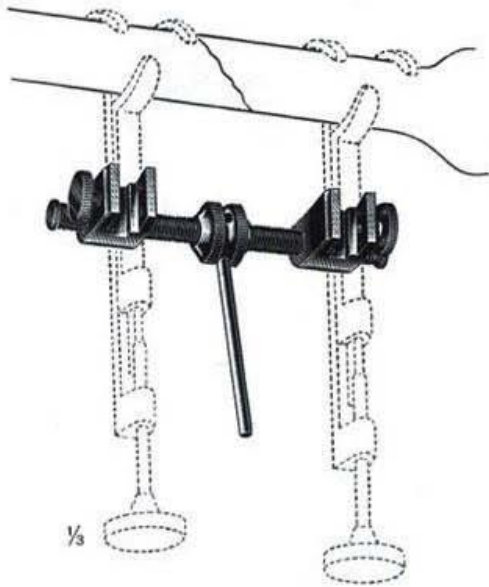
1/1

$\frac{1}{2}$
 11-518-16
 16 cm / 6 $\frac{1}{4}$ "



$\frac{1}{2}$
 11-520-16
 16 cm / 6 $\frac{1}{4}$ "





Gerster
22-389-15
Traction Bar



Gerster-Lowman
Bone Holding Clamps

cm	in	
18	7	11-387-18
20	8	11-387-20
22	8 ^{3/4}	11-387-22



Parham
Metal Bone Bands very flexibe

mm	cm	in.	
5	18	7	11-495-18
5	20	8	11-495-20
5	25	10	11-495-25
5	30	12	11-495-30



1/3
Parham
11-497-22
22 cm / 8^{3/4}"
Band Guides



11-382-10
Ditto Cross small size only



11-382-13
Jacobs Universal three-Jaw
Chuck, 6,3 mm only



11-382-18
3,5 mm
Wrench for inner hexagonals,
3,5 mm only



11-382-19
2,5 mm
Ditto, 2,5 mm



11-382-00 = Screwdriver set complete in case
 11-382-01 = Sterilizing Case only



1/1
 11-382-03
 Attachment slot only



1/1
 11-382-06
 Ditto Phillips only



1/2
 11-382-02
 Screwdriver perforated with
 rapid chuck only



1/1
 11-382-09
 Ditto Cross large size only



½
Screwdriver for 2,5 mm screws
11-368-25 = with hexagonal inside
2,5 mm
11-368-35 = ditto, for 3,5 mm
3,5 mm



½
11-372-17
17 cm/6¾"



½
Lane
11-374-25
25 cm/10"



1/1
½
11-378-25
25 cm/10"



1/1
½
Phillips
11-380-25
25 cm/10"
for screws 11-330-13 - 11-330-50



½
Willams
11-384-24 = With screw holder for ordinary screws
11-385-24 = Ditto for square head screws
24 cm/9½"



1/2
Lane
11-340-18
18 cm / 7"
Bone Plate Wrench



1/2
Lane
11-343-22
22 cm / 8 3/4"
Bone Plate Holding Forceps



1/2
Lane
11-345-23
23 cm / 9"
Bone Screw Holding Forceps



1/2
Lane
11-347-18
18 cm / 7"
Bone Screw Holding Forceps



Lane
4,0 mm Ø

11-296-10
11-296-13
11-296-16
11-296-20
11-296-25
11-296-30
11-296-35
11-296-40
11-296-45
11-296-50
11-296-60



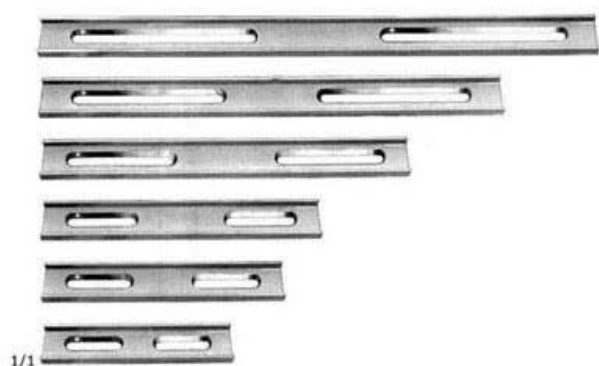
Lane
4,0 mm Ø

22-298-20
22-298-25
22-298-30
22-298-35
22-298-40
22-298-45
22-298-50
22-298-55
22-298-60
22-298-65
22-298-70
22-298-75
22-298-80
22-298-90



Eggers
3,6 mm Ø

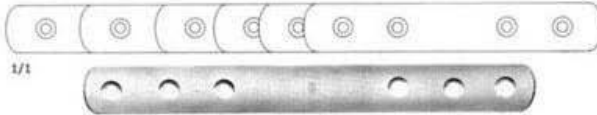
length mm	
19	11-316-19
22	11-316-22
28	11-316-28
32	11-316-32
38	11-316-38
45	11-316-45



1/1

Eggers

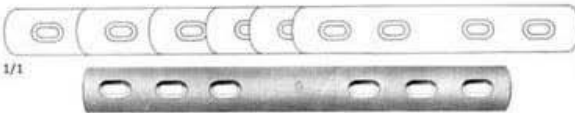
Single	Width		Length	
	mm	cm	cm	in.
11-310-01	12	15	6	
11-310-02	12	12,5	5	
11-310-03	12	10	4	
11-310-04	12	7,5	3	
11-310-05	12	6,5	2 1/4	
11-310-06	12	5,0	2	



1/1

11-320-01 A - 11-320-06 F

Fig.	redondos	width mm	length cm	length in.	
A	8	16	20	8	11-320-01
B	6	16	17,5	7	11-320-02
C	6	16	15	6	11-320-03
D	6	16	13	5	11-320-04
E	6	16	11,5	4 1/2	11-320-05
F	6	16	10	4	11-320-06



1/1

11-324-01 A - 11-324-06 F

Fig.	oblongos	width mm	length cm	length in.	
A	6	16	20	8	11-324-01
B	6	16	17,5	7	11-324-02
C	6	16	15	6	11-324-03
D	4	16	13	5	11-324-04
E	4	16	11,5	4 1/2	11-324-05
F	4	16	10	4	11-324-06



Phillips
3,6 mm Ø

length

mm	
13	11-330-13
16	11-330-16
19	11-330-19
22	11-330-22
25	11-330-25
29	11-330-29
32	11-330-32
38	11-330-38
45	11-330-45
50	11-330-50

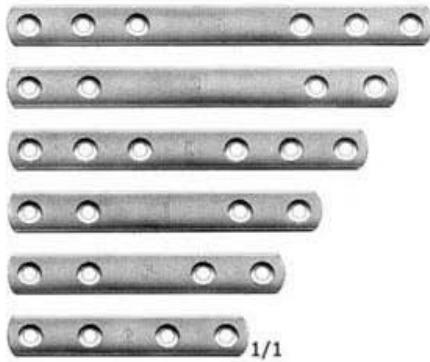


1/1

1/3

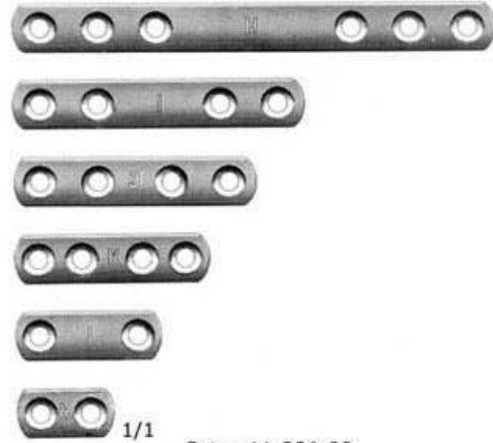
11-337-20
20 cm / 8"

Gimlet for screws 11-316-19/45 and 11-330-13/50



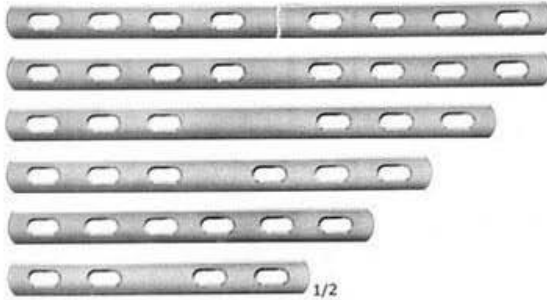
Set = 11-280-00

Single	Fig.	Width		Length	
		mm	cm	cm	in.
11-280-01	A	12	13,5	5 1/4	
11-280-02	B	12	11,5	4 1/2	
11-280-03	C	12	10,5	4 1/4	
11-280-04	D	12	9,5	3 3/4	
11-280-05	E	12	8,5	3 1/2	
11-280-06	F	12	7,5	3	
11-280-07	G	12	6,5	2 1/2	



Set = 11-282-00

Single	Fig.	Width		Length	
		mm	cm	cm	in.
11-282-01	H	10	10	4	
11-282-02	I	10	6	2 1/2	
11-282-03	J	10	5	2	
11-282-04	K	10	4	1 1/2	
11-282-05	L	10	3	1 1/4	
11-282-06	M	10	2	3/4	

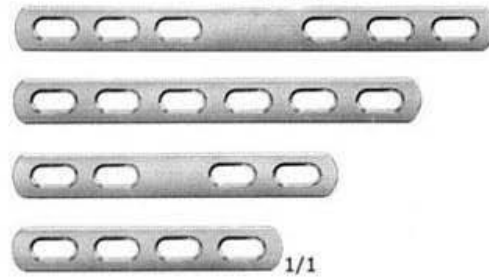


Set = 11-284-00

Single	Fig.	Width		Length	
		mm	cm	cm	in.
11-284-01		12	20	8	
11-284-02		12	18	7	
11-284-03		12	16	6 1/4	
11-284-04		12	14	5 1/2	
11-284-05		12	12	4 3/4	
11-284-06		12	10	4	



length mm	Lane
	2,5 mm Ø
10	11-292-10
13	11-292-13
16	11-292-16
20	11-292-20
25	11-292-25
30	11-292-30



Set = 11-286-00

Single	Fig.	Width		Length	
		mm	cm	cm	in.
11-286-01		10	10	4	
11-286-02		10	8,5	3 1/2	
11-286-03		10	7,0	2 1/4	
11-286-04		10	5,5	2 1/4	



Lane
3,0 mm Ø

- 11-294-10
- 11-294-13
- 11-294-16
- 11-294-20
- 11-294-25
- 11-294-30
- 11-294-35
- 11-294-40
- 11-294-45
- 11-294-50



11-252-11
Fig. 11



11-252-12
Fig. 12



11-252-16
Fig. 16



11-252-15
Fig. 15



11-252-14
Fig. 14



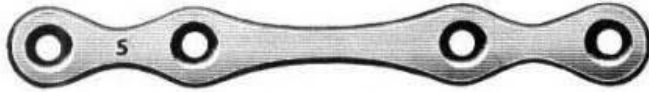
Sherman
3.6 mm \varnothing

Length

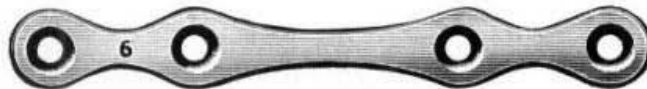
11-256-10 = 10mm
11-256-13 = 13mm
11-256-16 = 16mm
11-256-19 = 19mm
11-256-22 = 22mm
11-256-25 = 25mm
11-256-29 = 29mm
11-256-32 = 32mm
11-256-35 = 35mm

Length

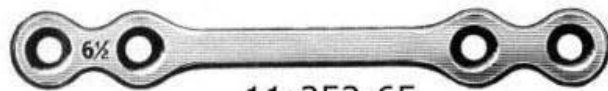
11-256-38 = 38 mm
11-256-41 = 41 mm
11-256-45 = 45 mm
11-256-50 = 50 mm
11-256-57 = 57 mm
11-256-63 = 63 mm
11-256-75 = 75 mm
11-256-89 = 89 mm
11-256-99 = 102mm



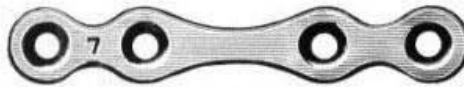
11-252-05
Fig. 5



11-252-06
Fig. 6



11-252-65
Fig. 6 1/2



11-252-07
Fig. 7



11-252-08
Fig. 8



11-252-10
Fig. 10



11-251-00
Fig. 00



11-251-10
Fig.0



11-252-01
Fig.1



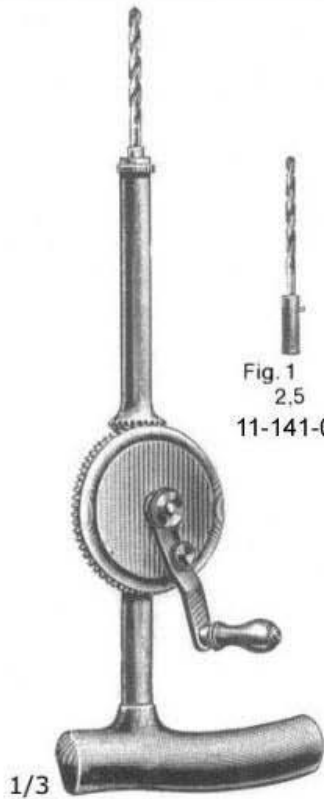
11-252-02
Fig.2



11-252-03
Fig.3



11-252-04
Fig.4



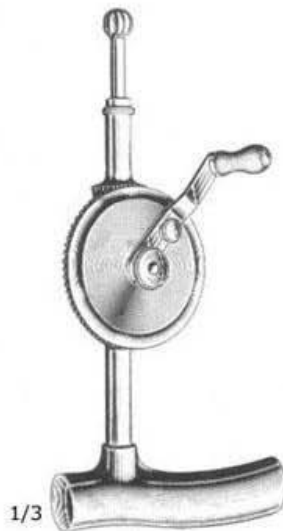
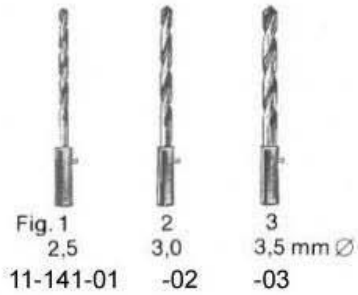
1/3

Stille-Sherman

11-140-00

24 cm/9½"

Hand Drill with 3 twist drills fig. 1-3



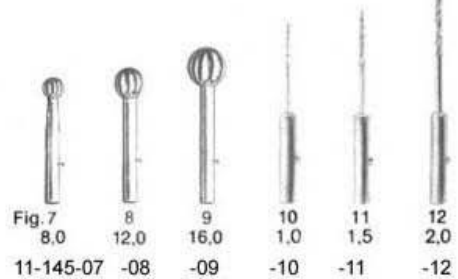
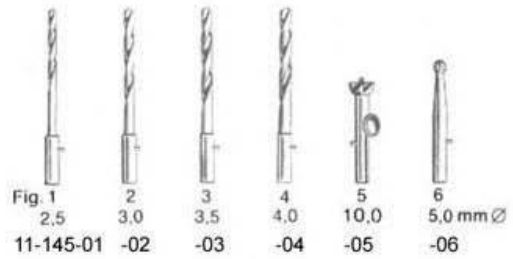
1/3

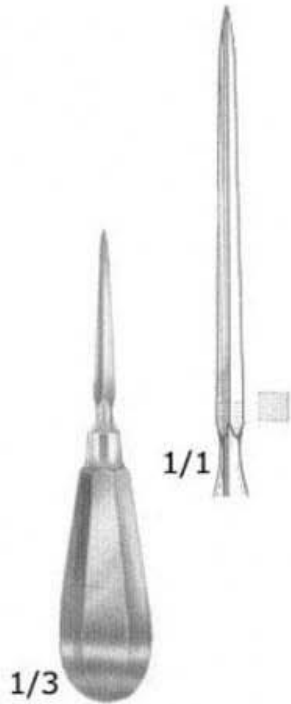
Stille

11-144-00

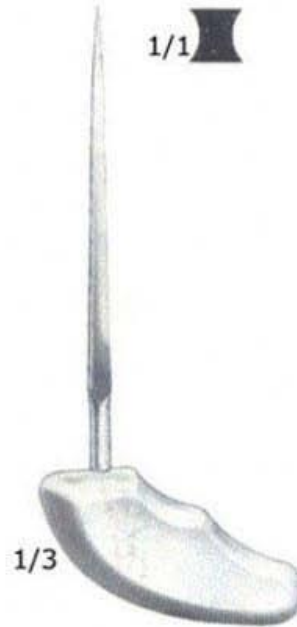
20 cm/8"

Hand Drill with 4 twist drills fig. 1-4





1/3
 11-130-14
 14 cm / 5½"



1/3
Perthes
 11-134-21
 21 cm/8¼"



1/3
 11-136-14
 14 cm/5½"



1/3
Adson
 11-139-15
 15 cm/6"
 Drill Guide and Dura Protecting Forceps



1/3

Lindemann
11-108-20
 20 cm / 8"



1/3

Langenbeck
11-110-23
 23 cm/9"



Charriere

cm	in.	
27	10 1/2	11-112-27
30	12	11-112-30

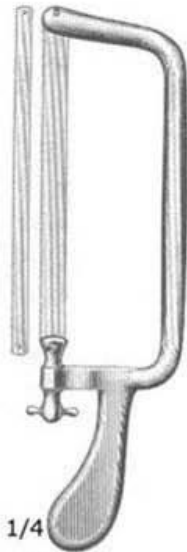
Blade Saws interchangeable blades



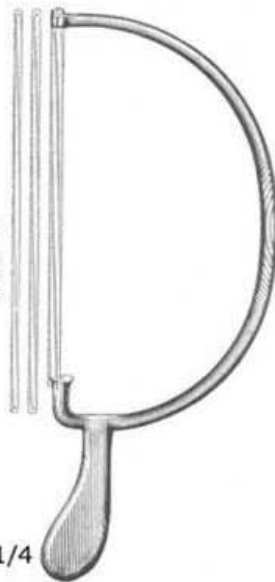
1/4

Satterlee
11-114-31
 31 cm/12 1/4"

Blade Saws interchangeable blades



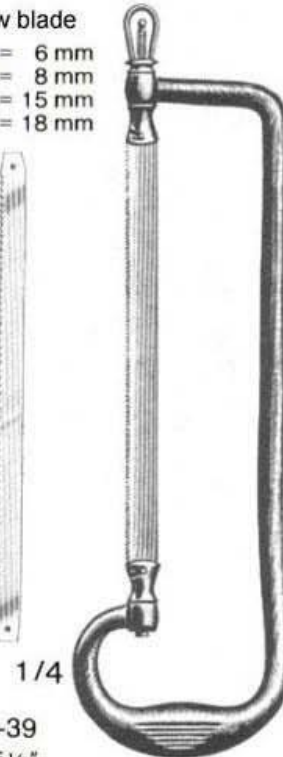
1/4
Charriere
11-101-35
35 cm/14"
With 2 saw blades, 12 and
15 mm wide



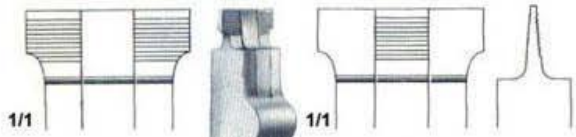
Spare saw blade
11-103-83 = 3 mm
11-103-85 = 5 mm
11-103-87 = 7 mm

1/4
Helfferich-Bier
11-103-39
39 cm/15 1/2"
Adjustable, with 3 saw blades, 3
5 and 7 mm wide

Spare saw blade
11-105-86 = 6 mm
11-105-88 = 8 mm
11-105-95 = 15 mm
11-105-98 = 18 mm



1/4
Rust
11-105-39
39 cm/15 1/2"
rotatable, with 4 saw blades,
6, 8 15 and 18 mm wide



10-522-23



10-525-30



Wolff
18 cm / 7"
10-541-18

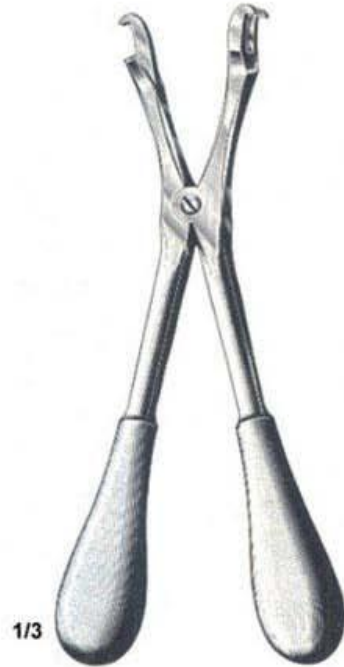


Wolff
24 cm / 9½"
10-541-24



1/3

Knorr
30 cm / 12"
10-500-30



1/3

Haglund-Stille
28 cm / 11"
10-502-28



1/3

Beeson
30 cm / 12"
10-510-30



1/3

Hennig
28 cm / 11"
10-520-28



1/2
Hopkins
10-401-20
 20 cm / 8"

Plaster-of-Paris Knives, with wooden handle



1/2
Esmarch
10-420-18
 18 cm / 7"

Plaster-of-Paris Knives, with wooden handle



1/2
Reiner
10-425-18
 18,5 cm / 7 1/4"

Plaster-of-Paris Knives, with wooden handle



1/2
Wigmore
10-460-19
 19 cm / 7 1/2"

Plaster-of-Paris Saw with Lifter



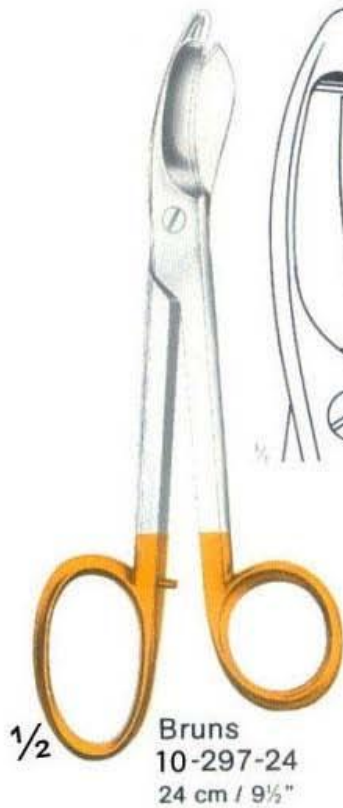
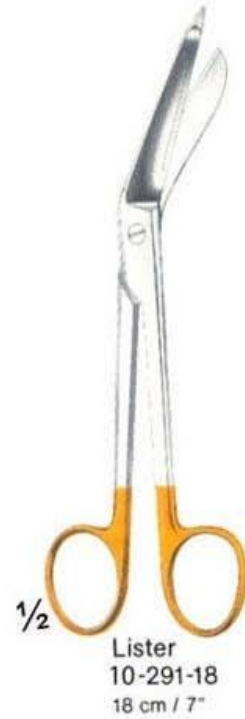
1/2
Galt
10-471-00
 Plaster-of-Paris Trephine

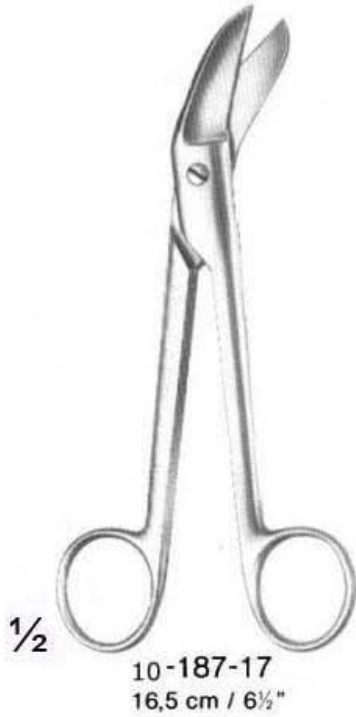


1/2
Engel
10-480-14



1/2
Bergmann
10-484-18



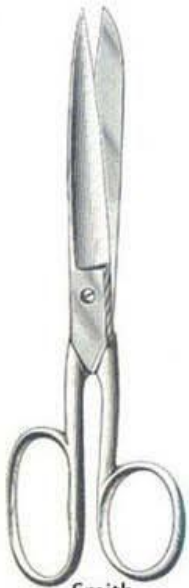




Lister

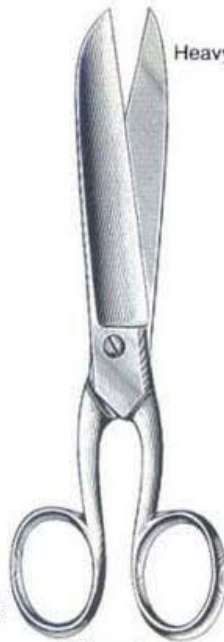
Cm	in	
9	3½"	10-165-09
11	4½"	10-165-11
14	5½"	10-165-14
18	7	10-165-18
20	8	10-165-18





Smith
 (Mod. USA)

cm	in.	
16	6 1/4	10-110-16
18	7	10-110-18
20	8	10-110-20
23	9	10-110-23



Heavy pattern

1/2

Schweizer
 10-130-18
 18 cm / 7"



1/2

10-140-23
 23.5 cm 9 1/2"



1/2

Lange
 10-150-18
 18 cm / 7"



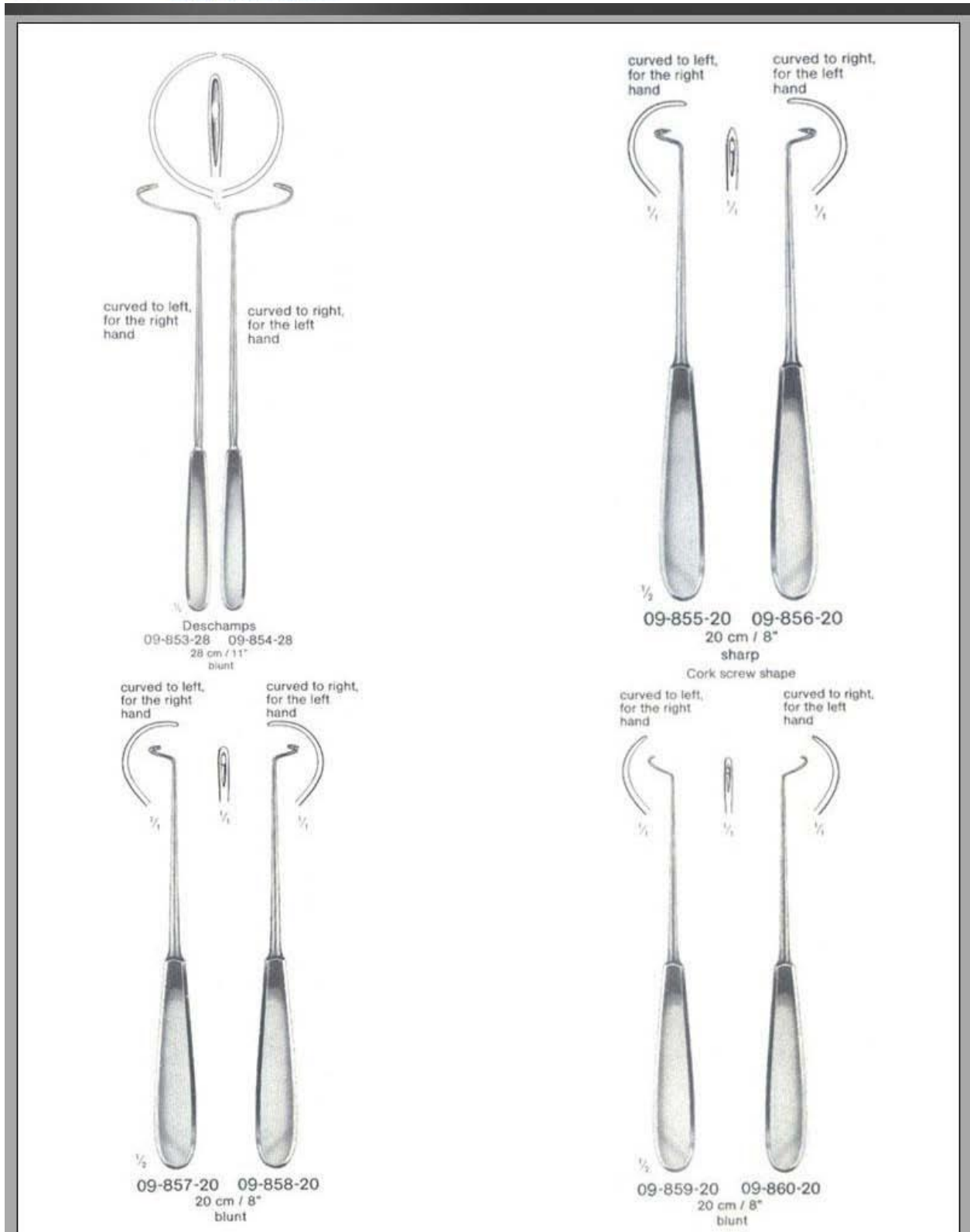
1/3

Lorenz
 10-155-23
 23 cm / 9"



1/2

Knowles
 10-160-14
 14 cm 5 1/2"



curved to left,
for the right
hand



1/2

curved to right,
for the left
hand



1/2

Deschamps
09-843-20 09-844-20
20 cm / 8"
sharp

curved to left,
for the right
hand



1/2

curved to right,
for the left
hand



1/2

Deschamps
09-845-21 09-846-21
21 cm / 8 1/4"
blunt

curved to left,
for the right
hand



1/2

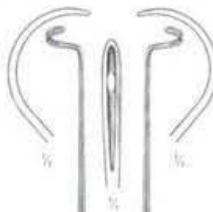
curved to right,
for the left
hand



1/2

Deschamps
09-847-21 09-848-21
21 cm / 8 1/4"
sharp

curved to left,
for the right
hand



1/2

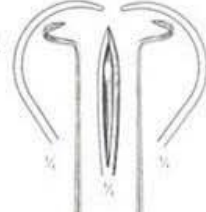
curved to right,
for the left
hand



1/2

Deschamps
09-849-27 09-850-27
27 cm / 10 1/2"
blunt

curved to left,
for the right
hand



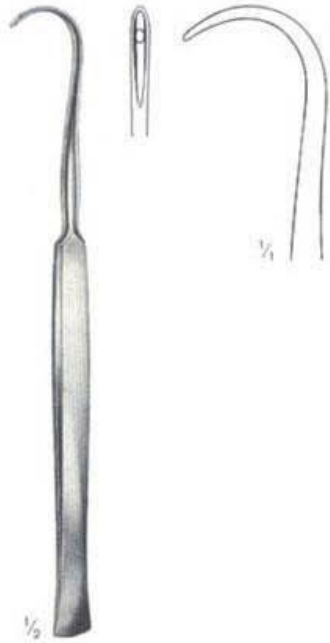
1/2

curved to right,
for the left
hand



1/2

Deschamps
09-851-27 09-852-27
27 cm / 10 1/2"
sharp



Cooper
 09-832-19
 19 cm / 7 1/2"



Kronecker
 09-835-13
 13 cm / 5"



Kronecker
 09-837-13
 13 cm / 5"



curved to left,
 for the right
 hand

Deschamps
 09-839-24
 24 cm / 9 1/2"



curved to right,
 for the left
 hand

Deschamps
 09-840-24
 24 cm / 9 1/2"



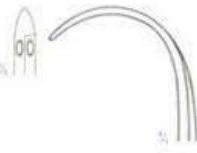
curved to left,
 for the right
 hand

curved to right,
 for the left
 hand

Deschamps
 09-841-20 09-842-20
 20 cm / 8"
 blunt



09-801-20
20 cm / 8"
curved to left,
for the right
hand



09-803-20
20 cm / 8"
curved to right,
for the left
hand



09-776-01

09-776-02

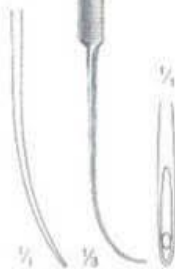
09-776-03

09-775-25 for deep sutures, with 1 needle 09-776-01
09-776-01 - 03 spare needle for 09-775-25, only

Young
09-775-25
25 cm / 10"



flexible



Schmieden-Dick
09-813-32
32 cm / 12 1/2"



Schmieden
09-815-21
21 cm / 8 1/4"



Kocher
19 cm / 7 1/2"



09-821-19



09-822-19



09-823-19



flexible



09-825-20
20 cm / 8"



$\frac{1}{2}$
Wachenfeldt
09-924-12
12,5 cm / 5"



$\frac{1}{2}$
Michel
09-928-12
12 cm / 4 $\frac{3}{4}$ "



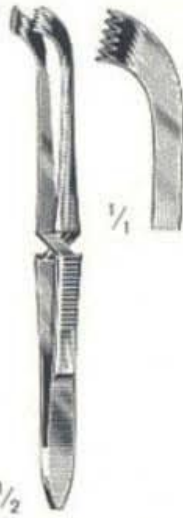
$\frac{1}{2}$
Collin
09-934-13
13 cm / 5"



$\frac{1}{2}$
Richter-Heath
09-935-14
14 cm / 5 $\frac{1}{2}$ "



$\frac{1}{2}$
Ochsner
 09-894-14
 14 cm / 5½"



$\frac{1}{2}$
Lange
 09-901-10
 10 cm / 4"



$\frac{1}{2}$
Wachenfeldt
 09-904-12
 12 cm / 4¾"



$\frac{1}{2}$
Childe
 09-907-14
 14.5 cm 5½"



$\frac{1}{2}$
Childe
 09-910-18
 18 cm / 7"



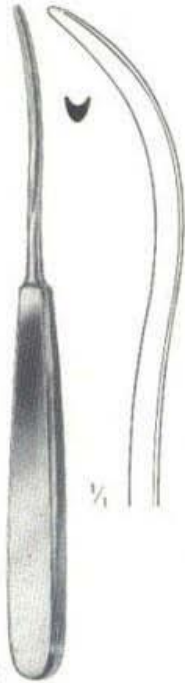
Michel
 09-916-12
 12 cm / 4¾"



$\frac{1}{2}$
Wachenfeldt
 09-918-12
 12,5 cm / 5"



$\frac{1}{2}$
Hegenbarth
 09-922-12
 12,5 cm / 5"



$\frac{1}{2}$
09-876-17
 17 cm / 6 $\frac{3}{4}$ "



$\frac{1}{3}$
Payr
09-877-22
 22 cm / 8 $\frac{3}{4}$ "



$\frac{1}{3}$
Payr
09-878-22



$\frac{1}{2}$
La Force
09-880-19
 19 cm / 7 $\frac{1}{2}$ "



$\frac{1}{3}$
Mod. Wien
09-882-23
 23,5 cm / 9 $\frac{1}{4}$ "



$\frac{1}{3}$
Bozemann
09-884-21
 21 cm / 8 $\frac{1}{4}$ "



$\frac{1}{3}$
09-886-23
 23 cm / 9"



$\frac{1}{2}$
09-889-12







Reverdin
09-701-15 – 09-704-15
(Fig. 1-4) 14 cm / 5½"



Reverdin
09-741-23 - 09-744-23
(Fig. 1-4)



Reverdin
09-721-19 – 09-724-19
(Fig. 1-4)



09-688-20 = 20 cm / 8"
 09-688-25 = 25 cm / 10"



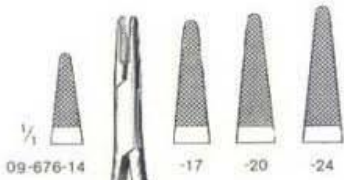
09-692-18 = 18 cm / 7"
 09-692-20 = 20 cm / 8"
 09-692-23 = 23 cm / 9"



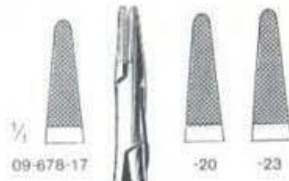
Langenbeck
 09-694-16 = 16 cm / 6 1/4"
 09-694-20 = 20 cm / 8"



Zweifel
 09-696-20 = 20 cm / 8"
 09-696-23 = 23 cm / 9"



Mathieu
09-676-14 = 14 cm / 5½"
09-676-17 = 17 cm / 6¾"
09-676-20 = 20 cm / 8"
09-676-24 = 24 cm / 9½"



Mathieu
09-678-17 = 17 cm / 6¾"
09-678-20 = 20 cm / 8"
09-678-23 = 23 cm / 9"



Luethy-Beck
09-681-20
20 cm / 8"



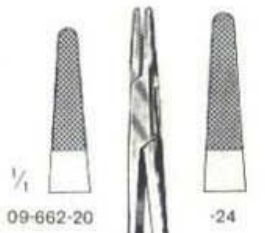
Hösel
09-683-25
25 cm / 10"



Toennis
09-684-18
18 cm / 7"



Lichtenberg
09-686-20
20 cm / 8"



09-662-20

-24



1/2

Hegar
09-662-20 = 20 cm / 8"
09-662-24 = 24 cm / 9 1/2"



1/4



1/3

Stratte
09-665-23
23 cm / 9"



1/4

1/2

Olsen-Hegar
09-668-17
17 cm / 6 3/4"



09-672-14

-18



Olsen-Hegar
09-672-14 = 14 cm / 5 1/2"
09-672-18 = 18 cm / 7"

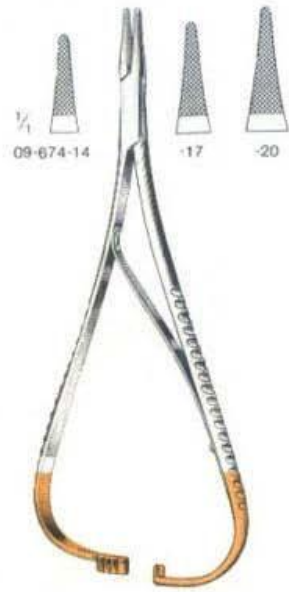


1/4



1/2

Gillies
09-673-16
16 cm / 6 1/4"



09-674-14

-17

-20



Mathieu-Kocher
09-674-14 = 14 cm / 5 1/2"
09-674-17 = 17 cm / 6 3/4"
09-674-20 = 20 cm / 8"



De Bakery
09-646-18 = 18 cm / 7"
09-646-20 = 20 cm / 8"
09-646-23 = 23 cm / 9"
09-646-26 = 26 cm / 10¼"
09-646-31 = 31 cm / 12¼"



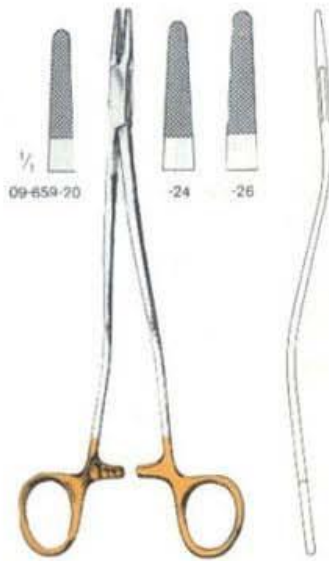
Masson
09-648-27
27 cm / 10½"



Finocchetto
09-653-27
27 cm / 10½"



Wangensteen
09-656-27
27 cm / 10½"



Bozemann
09-659-20 = 20 cm / 8"
09-659-24 = 24 cm / 9½"
09-659-26 = 26 cm / 10¼"



09-661-18
18 cm / 7"



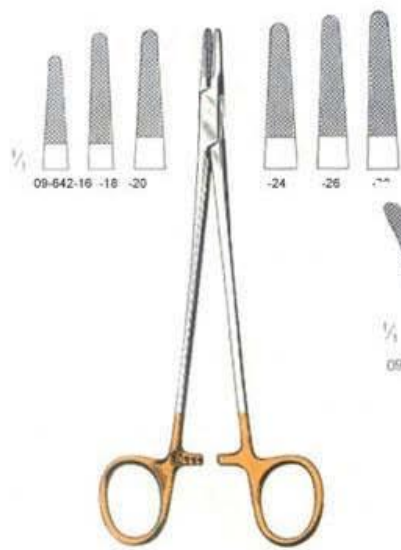
Halsey
09-637-13
13 cm / 5"



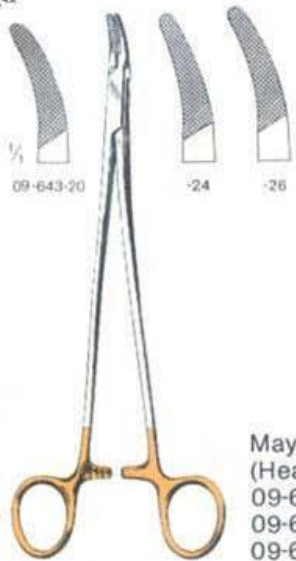
Crile-Wood
09-638-15
15 cm / 6"



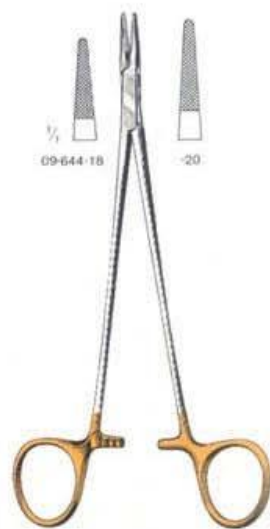
Sarot
09-640-18 = 18 cm / 7"
09-640-26 = 26 cm / 10 1/4"



Mayo-Hegar
09-642-16 = 16 cm / 6 1/4"
09-642-18 = 18 cm / 7"
09-642-20 = 20 cm / 8"
09-642-24 = 24 cm / 9 1/2"
09-642-26 = 26 cm / 10 1/4"
09-642-30 = 30 cm / 12"



Mayo-Hegar (Heaney)
09-643-20 = 20 cm / 8"
09-643-24 = 24 cm / 9 1/2"
09-643-26 = 26 cm / 10 1/4"



Mayo-Hegar fino
09-644-18 = 18 cm / 7"
09-644-20 = 20 cm / 8"

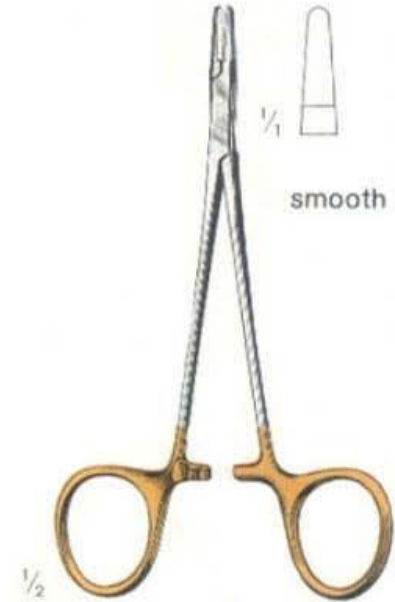


Arruga
 09-622-16
 16 cm / 6 1/4"

09-623-16



Castroviejo
 09-624-13
 13 cm / 5 1/4"



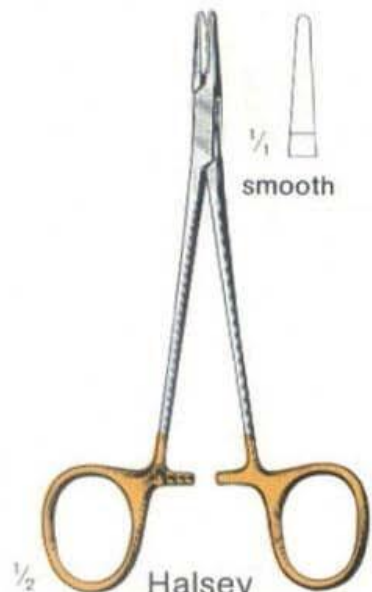
Webster
 09-630-13
 13 cm / 5"



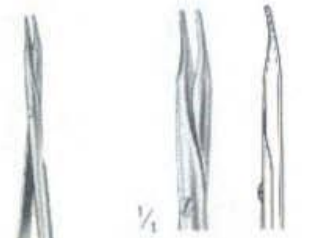
Derf
 09-632-12
 12,5 cm / 5"



Hegar-Baumgartner
 09-634-13 = 13 cm / 5"
 09-634-14 = 14 cm / 5 1/2"



Halsey
 09-636-13
 13 cm / 5"



Smooth Jaws

09-589-16
 16 cm / 6½"



09-593-23 23 cm / 11¼"
 09-595-19 19 cm / 7½"

Micro-Needle Holder

09-592-23
 23 cm / 11¼"



Potts-Smith
 09-596-22
 22 cm / 8¾"



Potts-Smith
 09-600-22
 22 cm / 8¾"



Castroviejo-Kalt
 09-612-14
 13,5 cm / 5¼"



Castroviejo
 09-620-14
 14 cm / 5½"
 smooth



09-621-14
 smooth



09-554-20
20 cm / 8"
09-554-25
25 cm / 10"



Wagner
09-570-20
20 cm / 8"



Toennis
09-574-18
18 cm / 7"



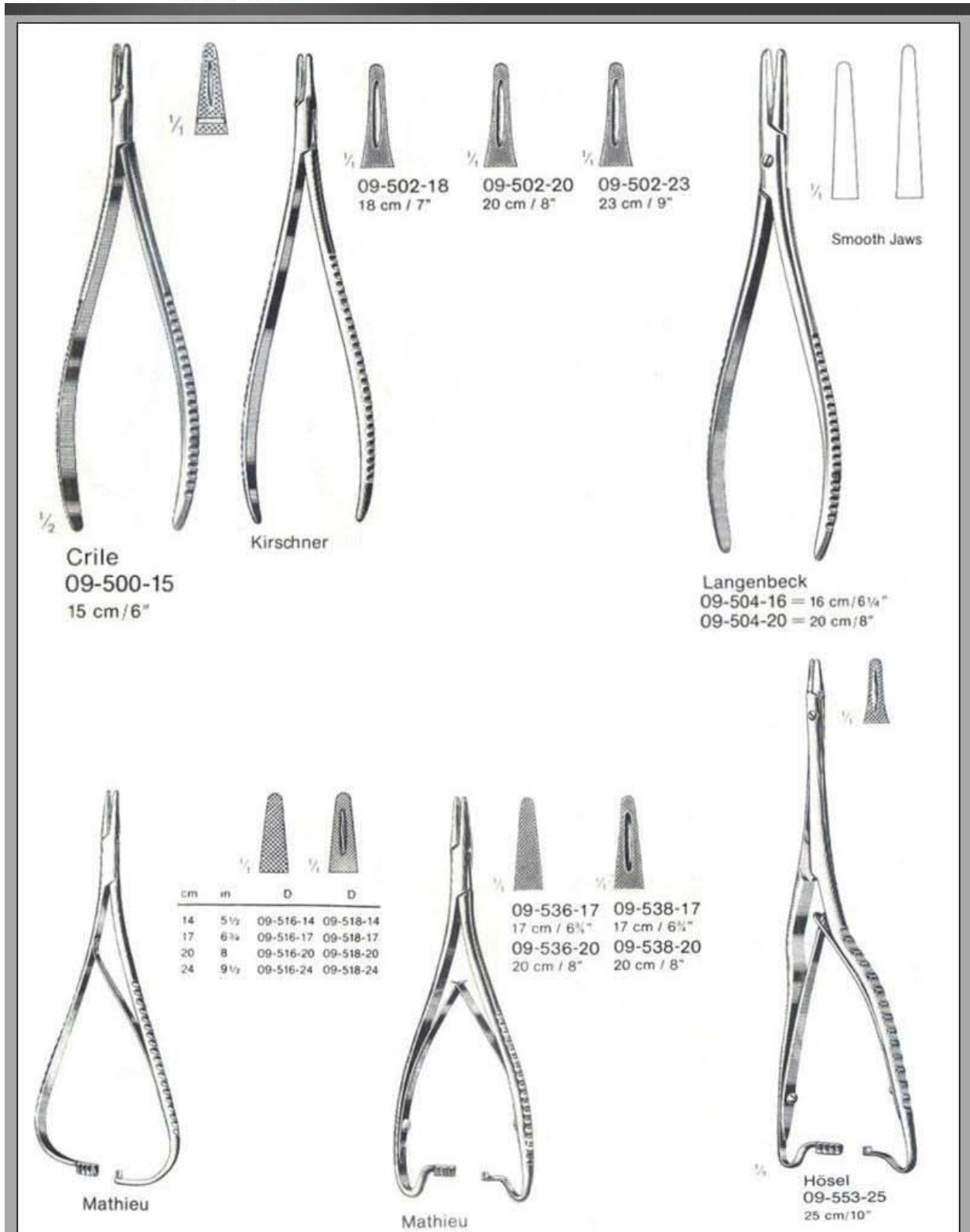
Lichtenberg
09-576-20 = 20 cm / 8"
09-576-25 = 25 cm / 10"

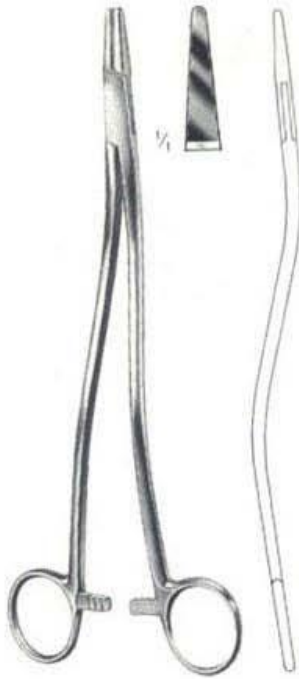


Zweifel
09-586-20 = 20 cm / 8"
09-586-23 = 23 cm / 9"

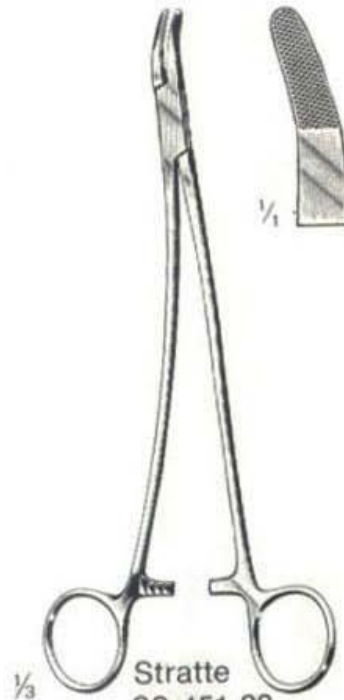


Hagedorn
09-588-20
20 cm / 8"





Wertheim
09-443-20 = 20 cm / 8"
09-443-24 = 24 cm / 9 1/2"



1/3
Stratte
09-451-23
23 cm / 9"



1/2
Olsen-Hegar
09-460-17
17 cm / 6 3/4"



Olsen-Hegar
09-464-14 = 14 cm / 5 1/2"
09-464-18 = 18 cm / 7"



Kirschner



09-502-18
18 cm / 7"



09-502-20
20 cm / 8"



09-502-23
23 cm / 9"



Smooth Jaws

Langenbeck
09-504-16 = 16 cm / 6 1/4"
09-504-20 = 20 cm / 8"



$\frac{1}{3}$
Finocchietto
 09-415-27
 27 cm / 10 1/2"



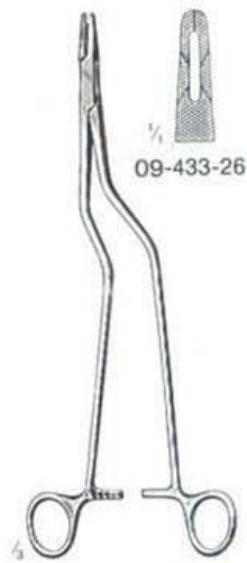
$\frac{1}{3}$
Wangenstein
 09-420-27
 27 cm / 10 1/2"



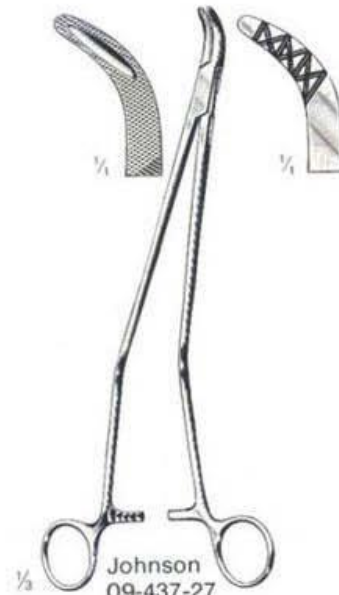
$\frac{1}{2}$
Hodlick
 09-366-18
 18 cm / 7"



$\frac{1}{2}$
09-429-18
 18 cm / 7"



$\frac{1}{3}$
Masson-Luethy
 26 cm / 10 1/4"

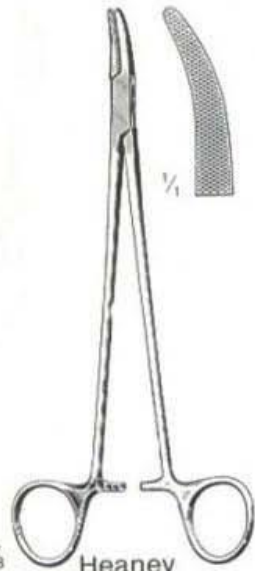


$\frac{1}{3}$
Johnson
 09-437-27
 27 cm / 10 1/2"



delicate pattern

cm	in.	Mayo-Hegar
16	6 1/4	09-396-16
18	7	09-396-18
20	8	09-396-20



Heaney
09-403-21
 21 cm / 8 1/4"



09-404-23

Jamison
 23,5 cm / 9 1/4"



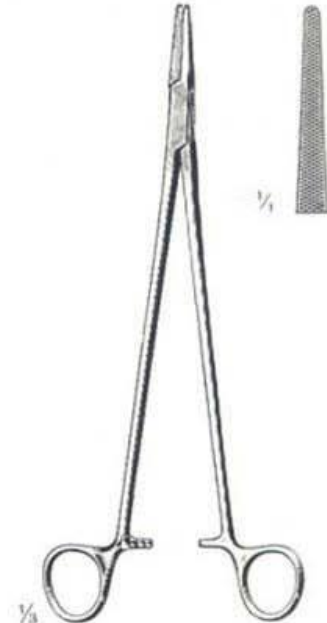
Masson
09-408-27
 27 cm / 10 1/2"



Finocchietto
09-415-27
 27 cm / 10 1/2"



Wangensteen
09-420-27
 27 cm / 10 1/2"



Wangensteen
09-422-27
 27 cm / 10 1/2"



$\frac{1}{2}$
Metzenbaum
09-364-18
18 cm / 7"



$\frac{1}{2}$
Hodlick
09-366-18
18 cm / 7"



Hegar
cm in
09-374-20 20 8 09-376-20
09-374-24 24 9 1/2 09-376-24



$\frac{1}{2}$
M. G. H.
(General)
09-384-17
17 cm / 6 3/4"



Mayo-Hegar



cm	in.	straight	curved
14	5 1/2	09-390-14	
16	6 1/4	09-390-16	09-391-16
18	7	09-390-18	09-391-18
20	8	09-390-20	09-391-20
24	9 1/2	09-390-24	09-391-24
26	10 1/4	09-390-26	09-391-26
30	12	09-390-30	



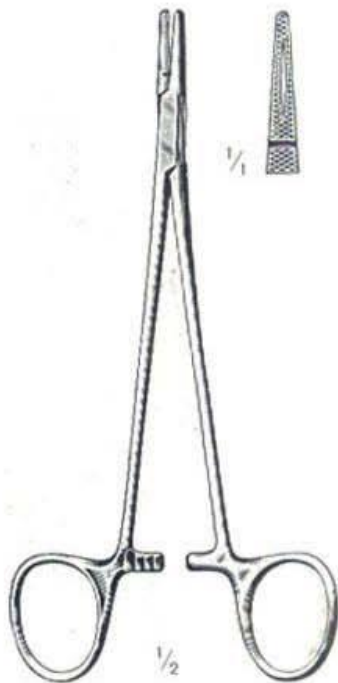
Hegar-Baumgartner
09-340-14
14 cm 5 1/2"



Brown
09-344-13 = 13 cm / 5"
09-344-18 = 18 cm / 7"



Crile-Murray
09-348-15
15 cm / 6"



Crile-Wood
09-350-15
15 cm / 6"



Sarot
cm in
18 7 09-358-18
26 10 1/4" 09-358-26



Adson 1/2
09-360-18
18 cm / 7"



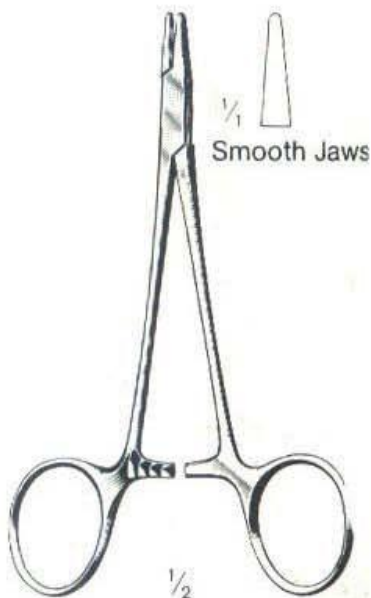
Derf
09-326-12
12 cm 4 3/4"



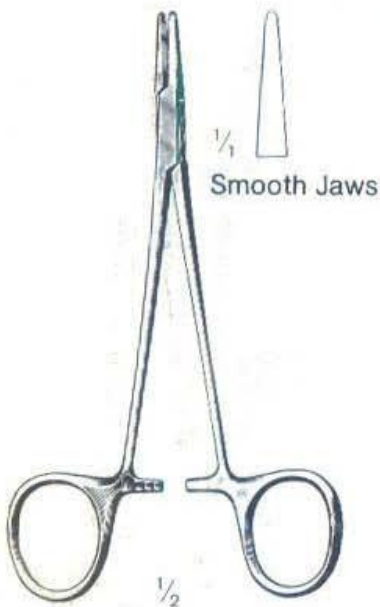
Derf
09-328-12
12.5 cm / 5"



Collier
09-332-12
12.5 cm / 5"

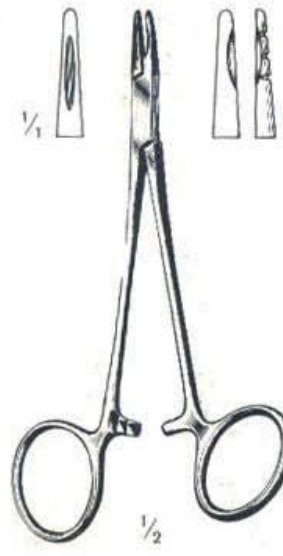


Webster
09-334-13
13 cm / 5"

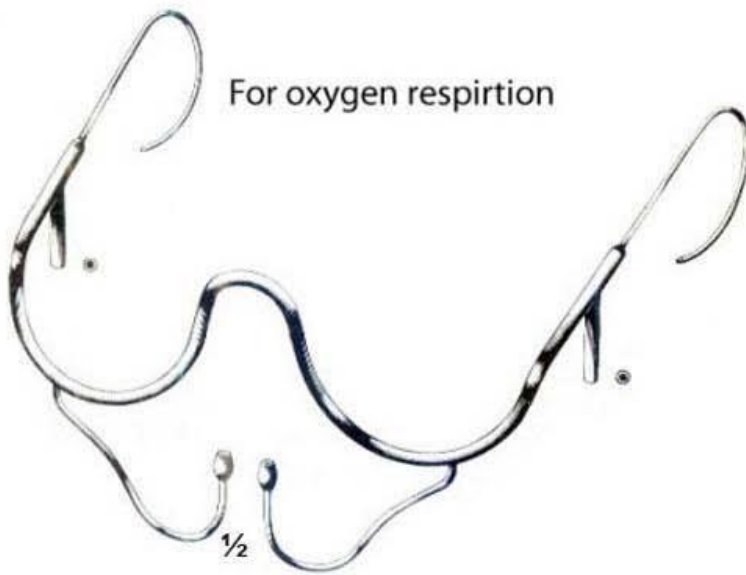


Halsey
09-336-13
13 cm / 5"

Smooth Jaws, with special groove



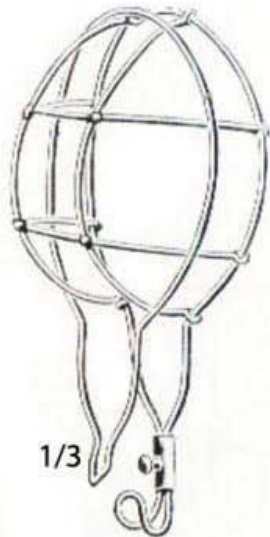
Neivert
09-338-13
13 cm / 5"



08-250-02
 Oxygen insufflating Spectacles
 2 tubing tips



Magill
 Catheter Introducing Forceps



1/3

Esmarch
08-102-01

With detachable support



1/3

Schimmelbusch

08-110-01 With fixed support, for adults
08-110-02 With fixed support, for children



1/2

08-200-01

Metal Dropper, Y-shaped, with rubber stopper
Airways



1/2

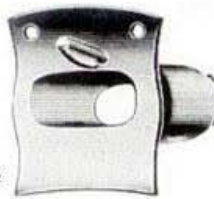
Connell

08-220-01 For adults,
08-220-02 For children



1/2

08-231-01
Lumbard-Mayo
Airways, single



1/2

08-232-01

08-230-01 = set with mouth-piece
08-230-02 = set with mouth-piece



1/2

08-231-03
Lumbard-Mayo
Airways, single



1/2

08-232-01



- 08-700-10 = 1,00 X 35 mm
- 08-700-15 = 1,00 X 70 mm
- 08-700-20 = 1,20 X 70 mm
- 08-700-25 = 1,20 X 100 mm
- 08-700-30 = 1,40 X 70 mm
- 08-700-35 = 1,40 X 100 mm
- 08-700-40 = 1,60 X 70 mm
- 08-700-50 = 1,80 X 100 mm

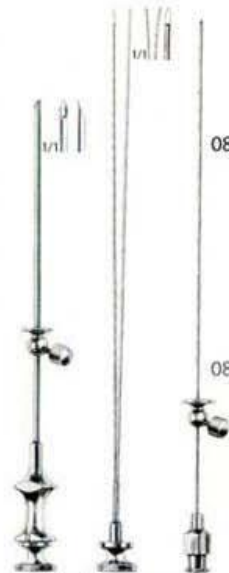
1/1
Menghini
Liver Blind puncture Needles
with Stopping probe



1/1
Menghini
08-710-14 = 1,40 x 168 mm
08-710-18 = 1,80 x 168 mm
Needles for Controlled
Liver Puncture



1/1
08-715-14
08-715-18
**Trocars for Introduction of liver
puncture Needles**



**Franklin-Silverman
mod. Fuchs**
Kidney Puncture Needles

08-730-20
outer 2.00 X 105 mm = 14 G X 4"
exterior
inner 1.50 X 155 mm = 17 G X 6"
interior
including guide needle
1,00 X 150 mm = 19 G X 6"

08-730-40
outer 2,00 X 130 mm = 14 G X 5"
exterior
inner 150 X 180 mm = 17 G X 7"
interior
including guide needle
1,00 X 150 mm = 19 G X 6"



Franklin-Silverman

Franklin-Silverman Kidney Biopsy
Needle, consisting of split needle
with full tips, without barb, and
biopsy needle (cannula), with
adjustable depth stopmark.
ditto, barbed

Cat. Ref.	Biopsy Needle (Cannula)	Split Biopsy Needle
08-750-20	2.00 x 100 mm	1.50 x 150 mm
08-750-30	2.50 x 145 mm	2.00 x 195 mm
08-755-20	2.00 x 100 mm	1.50 x 150 mm
08-755-25	2.50 x 145 mm	2.00 x 195 mm

Cat. Ref.	Split Biopsy Needle, only
08-752-20	1.50 x 150 mm
08-752-30	2.00 x 195 mm
08-756-20	1.50 x 150 mm
08-756-25	2.00 x 195 mm



1/1 08-650-35
3,5 X 80 mm
Implantation Needles, 3-part



1/1
Verres
08-665-20
2,00 X 100 mm
Pneumoperitoneum Needle



1/1 Klima-Rossegger
08-660-18
1,80 X 35 mm
Sternum Puncture Needle 1/1



1/1
08-615-05
0,50 X 12 mm

Needle for preliminary injection



1/1
08-618-04 0,40 X 3 mm
08-618-05 0,50 X 5 MM
Forapin Injection Needle



1/1
Strauss
08-622-10 = 1,00 X 40 mm
08-622-12 = 1,20 X 40 mm
08-622-14 = 1,40 X 40 mm
Blood Taking Needle



1/1
Dattner
08-635-09
int. 0.60 X 120 mm
ext. 0.90 X 65 mm
Lumbar Puncture Needles



1/1
Quinke
Puncture Needles

- 08-630-10 = 1,20 X 76 mm 18 G X 3"
- 08-630-12 = 1,20 X 89 mm 18 G X 3 1/2"
- 08-630-14 = 1,00 X 76 mm 19 G X 3"
- 08-630-16 = 1,00 X 89 mm 19 G X 3 1/2"
- 08-630-18 = 0,70 X 76 mm 22 G X 3"
- 08-630-20 = 0,70 X 89 mm 22 G X 3 1/2"



1/1 1/1
Tonsil Needles

- 08-640-10
0,65 X 19 mm
- 08-640-20
0,65 X 13 mm



1/1
with special tip
08-632-12 = 1,20 X 76 mm 18 G X 3"
08-632-14 = 1,40 X 76 mm 17 G X 3"
08-632-16 = 1,60 X 76 mm 16 G X 3"
1/1
Tuohy
Lumbar Puncture Needles

SEPCO 111 SURGICAL

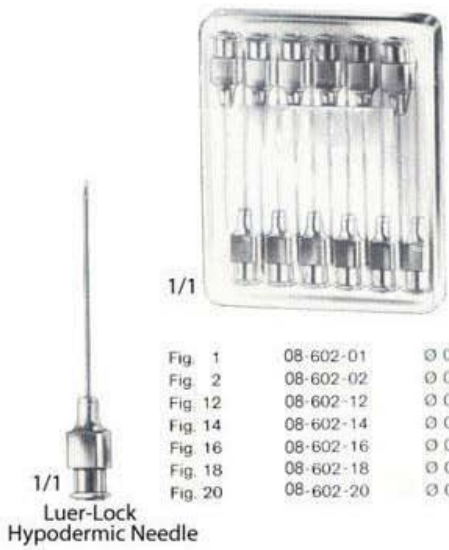


Fig. 1	08-602-01	Ø 0,90 × 40 mm
Fig. 2	08-602-02	Ø 0,80 × 35 mm
Fig. 12	08-602-12	Ø 0,70 × 32 mm
Fig. 14	08-602-14	Ø 0,65 × 28 mm
Fig. 16	08-602-16	Ø 0,60 × 25 mm
Fig. 18	08-602-18	Ø 0,50 × 25 mm
Fig. 20	08-602-20	Ø 0,45 × 20 mm



08-603-00
Needle set for prostatic puncture,
with 2 inner needles

08-603-05
Cannula guide only

08-603-07
0,65 X 205 mm
Interior cannula only



08-606-00 = Needle, 1,00 X 185 mm, only
08-606-01 = Transvaginal anesthesia
(Pudendus) instrument



Cannula venous
08-610-12 = 1,20 X 80 mm
08-610-15 = 1,50 X 80 mm



08-612-10
Needle for continuous infusion

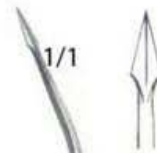


Guide Needle, straight

8 Charr. / Fr.	08-580-08
10 Charr. / Fr.	08-580-10
12 Charr. / Fr.	08-580-12
14 Charr. / Fr.	08-580-14
16 Charr. / Fr.	08-580-16
18 Charr. / Fr.	08-580-18

1/2

Guide Needle, straight



Gudide Needle, curved

8 Charr. / Fr.	08-583-08
10 Charr. / Fr.	08-583-10
12 Charr. / Fr.	08-583-12
14 Charr. / Fr.	08-583-14
16 Charr. / Fr.	08-583-16
18 Charr. / Fr.	08-583-18

1/2

Ditto, with lancet tip



Gudide Needle, curved

8 Charr. / Fr.	08-581-08
10 Charr. / Fr.	08-581-10
12 Charr. / Fr.	08-581-12

1/2

Ditto, curved



Suction Tube for abdominal and thoracic cavity with second tubing connection and with removable tip
 1/3
 Yankauer
 08-543-27

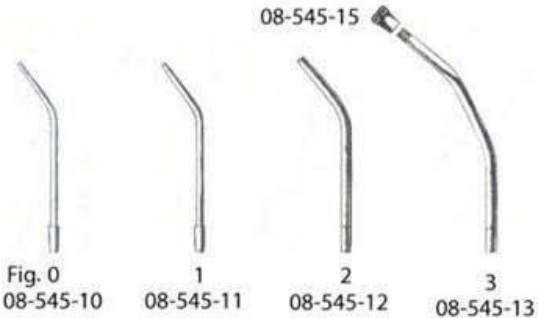
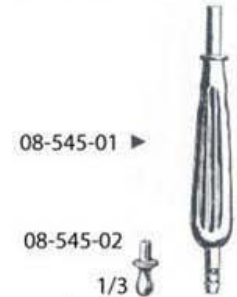


Fig. 0 08-545-10
 1 08-545-11
 2 08-545-12
 3 08-545-13



08-545-15



08-545-01
 08-545-02
 1/3
 Yankauer
 18-545-00 - 08-545-15
 Fig.0-3



ditto, straight, with removable outer tube
 1/2
 Poole
 08-550-22
 22 cm/8 3/4" 10mmØ
 (Charr./Fr.30)



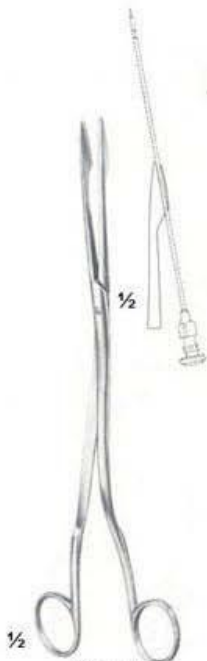
ditto, curved, with removable outer tube
 1/2
 Poole
 08-551-22
 22 cm/8 3/4" 8mmØ
 (Charr./Fr.23)



$\frac{1}{2}$
Douglas
08-519-11
3 mm \varnothing
Trocar Cannula



$\frac{1}{2}$
08-520-11
11 cm / 4 $\frac{1}{2}$ "
Antrum Puncture Trocar



1/2
Vogel
08-479-26
Dilating Forceps, for trocars
Landau



1/2
Lichtwitz
08-490-19
1,8 mm \varnothing
Antrum Trocar, with silver
cannula and silver-plated
tubing connection



1/2
Lichtwitz
08-491-15
2 mm \varnothing
Antrum Trocar, without tubing
connection



1/2
mm \varnothing Pierce
3,0 08-493-15
4,0 08-495-15
5,0 08-497-15
ditto, with tubing connection



1/2
1/2
Kraus
08-505-15
5,5 mm \varnothing
Antrum Trocar, with obturator
and tubing connection



Coakley
08-515-16
2,25 mm \varnothing
ditto, with washing tube and
fixed tubing connection



½
Fleurant
 08-389-23
 23 cm/9"
 5 mm Ø
 ditto, with 2 cannulas and pilot



½
Billroth
 mm Ø
 5,0 08-430-20
 6,0 08-432-20
 For ovariectomy



½
Pean
 08-436-16
 13,5 mm Ø



½
Emmet
 mm Ø Charr./Fr
 6,0 18 08-440-14
 8,7 30 08-442-14
 10,0 26 08-444-14
 For ovariectomy



½
Landau
 08-470-16
 2 mm Ø
 For pelvic abscesses



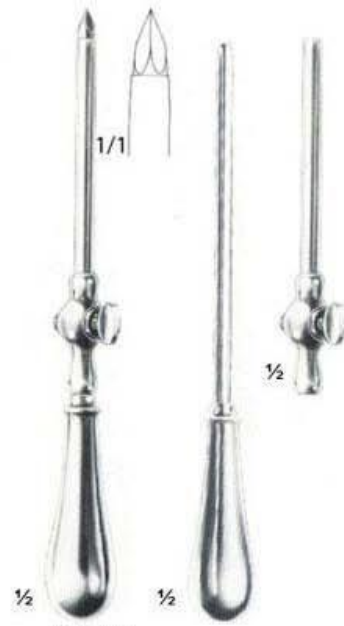
1/1
 ½
Landau
 08-474-19
 2 mm Ø



1/2
Campbell
08-356-06
16 cm/6 1/2"



1/2
Campbell
08-356-08
16 cm/6 1/2"



1/2
Buelau
08-360-24
24 cm/9 1/2"
8 mm Ø
For thoracic puncture



Hagedorn

length	Ø		
cm	in.	mm	
10	4	2	18-380-10
10	4	2.5	18-381-10
13	5	2	18-382-13
13	5	2.5	18-383-13

Exploring Trocars



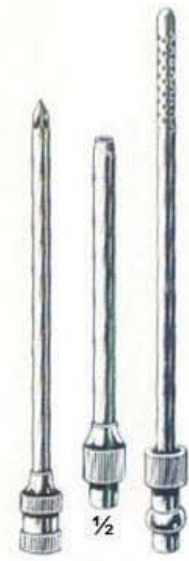
1/2
Fleurant
08-385-23
23 cm/9"
5 mm Ø
For puncture of bladder



1/2
Fleurant
08-387-23
23 cm/9"
5 mm Ø
ditto, with 2 cannulas

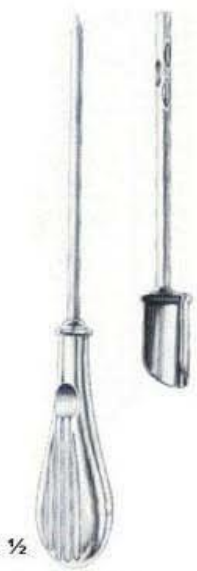


Standard
ditto, with shield and stopcock and off-flow tube



Duke
08-344-11
11 cm/4 1/2"
5.5 mm Ø

With perforated cannula for withdrawal of ascitic fluid

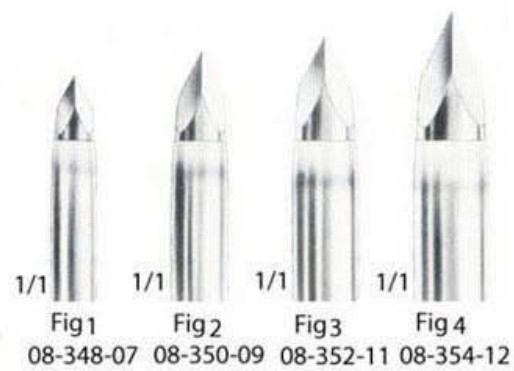


Birch
18-346-18
18 cm/7"
4.5 mm Ø

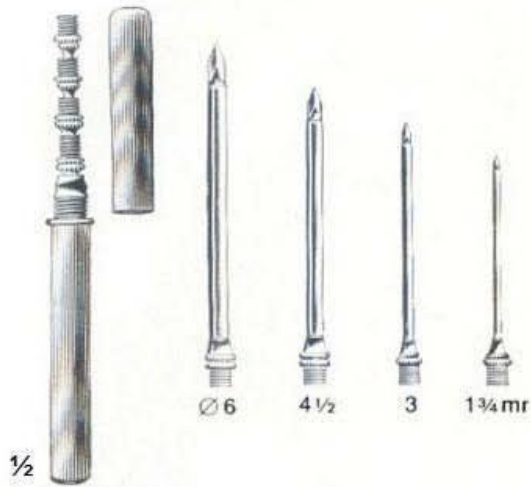
For ascites and hydrocele, with perforated cannula



Nelson
21 cm/8 1/2"



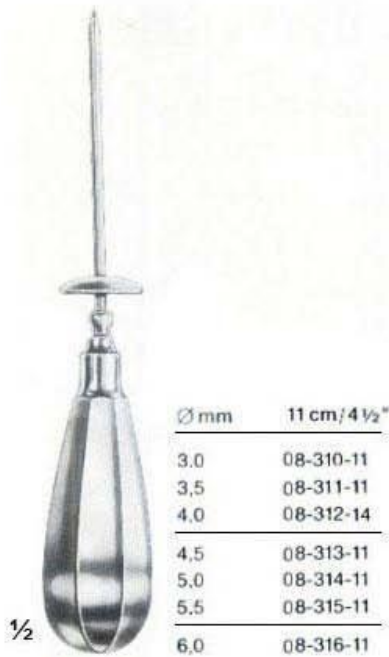
1/1 Fig1 08-348-07 1/1 Fig2 08-350-09 1/1 Fig3 08-352-11 1/1 Fig4 08-354-12



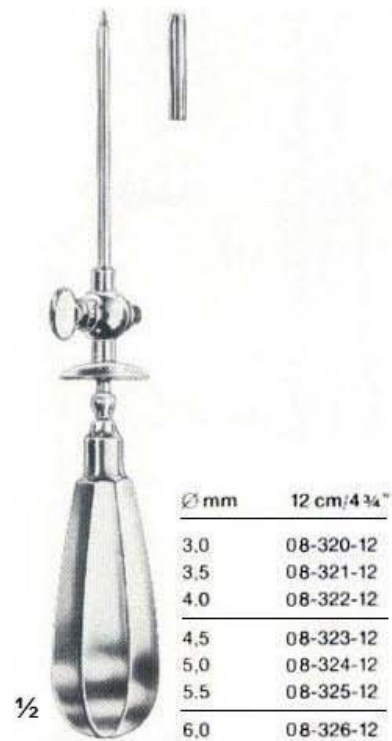
Universal
08-300-03 set of 3 pieces
08-302-04 set of 4 pieces
For abdominal puncture,
round metal handle



Universal
08-304-03 set of 3 pieces
08-306-04 set of 4 pieces
ditto flat-round metal handle



Standard
ditto, with shield



Standard
ditto, with shield and stopcock



½
 08-100-13
 13 cm/5"



½
 08-110-01
 reversible



½
 Lindernborn
 08-118-02
 reversible (by screw action)



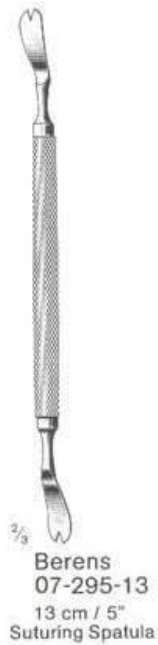
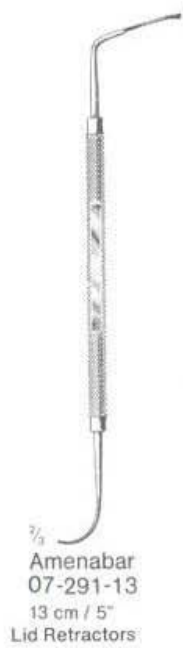
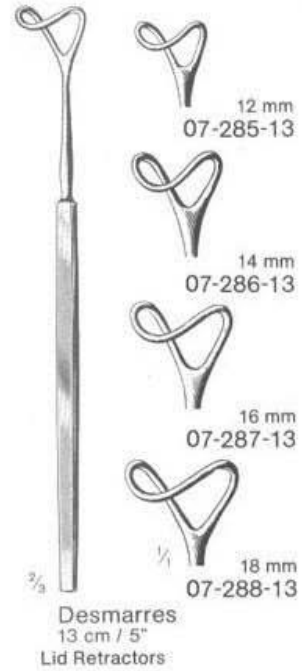
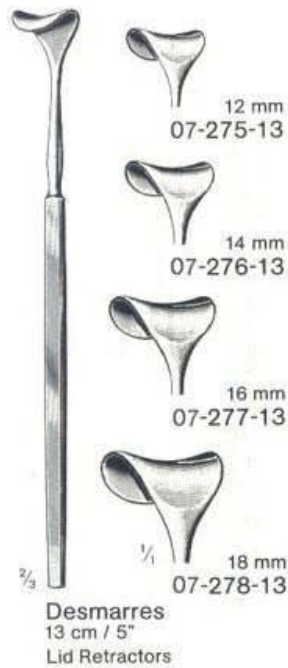
½
 Pirquet
 08-126-01
 reversible (by screw action)



1/1
 Odin
 08-148-01
 Vaccinating Lancet



1/1
 Mareschal
 08-150-01
 Vaccinating steel pen, for 08-152-01 and
 08-155-01





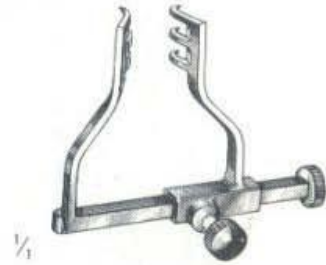
$\frac{2}{3}$
Stevenson
 07-213-07
 7 cm / 2 $\frac{3}{4}$ "



$\frac{1}{2}$
Mueller
 07-217-07
 7 cm / 2 $\frac{3}{4}$ "



$\frac{2}{3}$
Agricola
 07-219-04
 4 cm / 1 $\frac{1}{2}$ "

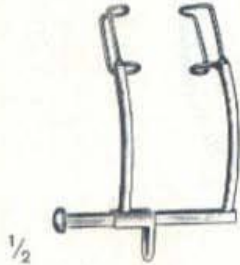


$\frac{1}{4}$
Goldstein
 07-220-03
 3 cm / 1 $\frac{1}{4}$ "

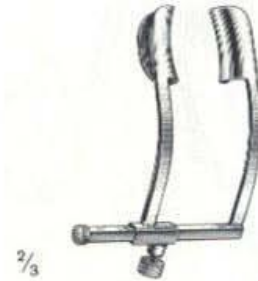




1/2
Arruga
07-173-07
7 cm / 2 3/4"
for Right Eye



1/2
Murdock
07-177-05
5 cm / 2"



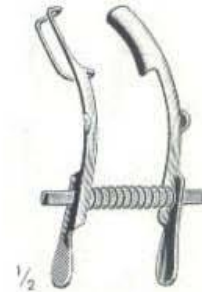
2/3
Cook
children adults
4 cm / 1 1/2" 5 cm / 2"
07-179-04 07-179-05



1/2
Mellinger
children adults
5 cm / 2" 7 cm / 2 3/4"
07-181-05 07-181-07



1/2
Mellinger-Axenfeld
07-183-07
7 cm / 2 3/4"



1/2
Mellinger-Axenfeld
07-185-07
7 cm / 2 3/4"



Mellinger Beard
children adults
5 cm / 2" 7 cm / 2 3/4"
07-189-05 07-189-07



1/1
Sauer
07-195-03
3 cm / 1 1/4"



1/2
Castroviejo
07-201-08
8 cm / 3 1/4"



Weiss
07-150-07/09
children adults
7 cm / 2²/₃" 9 cm / 3¹/₂"
34-150-07 34-150-09



Weiss
07-151-07/09
children adults
7 cm / 2³/₄" 9 cm / 3¹/₂"
34-151-07 34-151-09



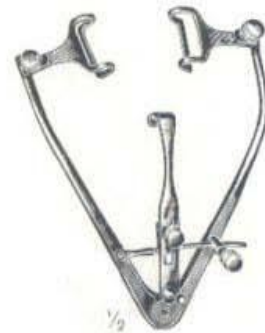
Weiss
07-153-08
8 cm / 3¹/₄"



Lister-Burch
07-157-08
8 cm / 3¹/₄"



Williams
children adults
7 cm / 2³/₄" 8 cm / 3¹/₄"
07-161-07 07-161-08



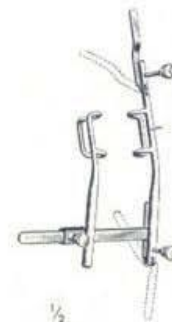
Park
07-165-08
8 cm / 3¹/₄"



Park-Guyton
07-167-08
8 cm / 3¹/₄"



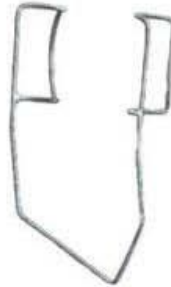
Park-Maumenee
07-168-08
8 cm / 3¹/₄"
plain blades



Arruga
07-171-07
7 cm / 2³/₄"
for Left Eye



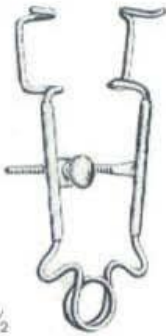
1/2
Schioetz
07-105-00 - Tonometer, with stretched scale,
in case, officially gauged
07-105-05 - ditto, not gauged officially



Barraquer (Colibri)
Kinder children
niños adultos
3 cm / 1 1/4" 4 cm / 1 1/2"
07-110-03 07-110-04



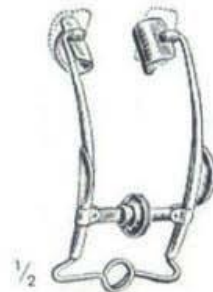
1/2
Bowman
07-120-07
7 cm / 2 3/4"



1/2
Critchett
07-123-06
7 cm / 2 3/4"



Graefe
children adults
7 cm / 2 3/4" 9 cm / 3 1/2"
07-127-06 07-127-09



1/2
Pley
07-131-06
6 cm / 2 1/2"



1/2
Ziegler
07-135-07
7 cm / 2 3/4"



1/2
Knapp-Clark
07-145-08
8 cm / 3 1/4"



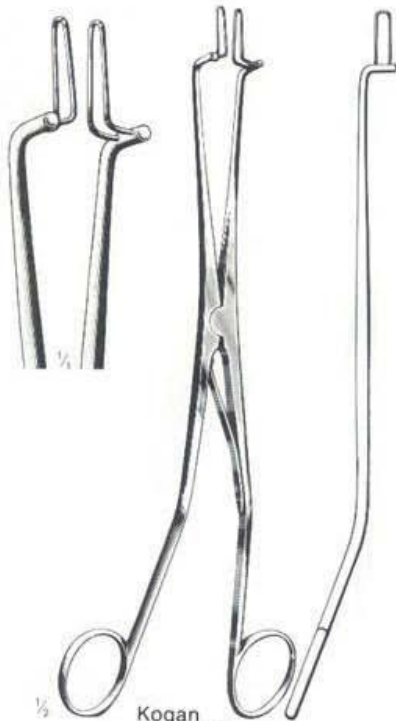
1/2
Lancaster
07-149-07
8 cm / 3 1/4"



1/2
Friedman
07-367-10
 10 cm/4"
 Retractor, self-retaining,
 for perineorhaphy



1/2
Stieglitz
07-373-12 = 12 x 12 cm/4 3/4 x 4 3/4"
07-373-14 = 14 x 14 cm/5 1/2 x 5 1/2"
 Vulva Retractors
 Endospecula for cervix and urethra,
 with S-shaped curve and
 fenestrated jaws



1/2
Kogan
07-381-24
 24 cm/9 1/2"
 without ratchet



1/2
Kogan
07-383-24
 24 cm/9 1/2"
 with scale-ratchet and fixing screws



Breisky

a mm	b mm	bayonet shape
100	20	07-323-20
100	25	07-323-25
100	30	07-323-30
100	35	07-323-35
100	40	07-323-40
130	20	07-324-20
130	25	07-324-25
130	30	07-324-30
130	35	07-324-35
130	40	07-324-40
155	40	07-325-40

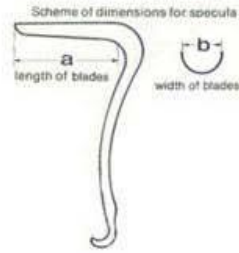
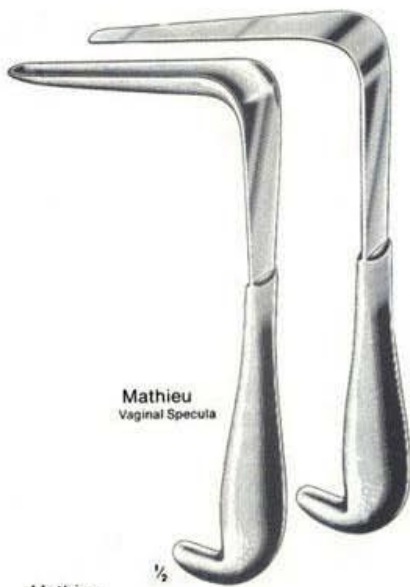


Landau
07-326-01 – 07-326-02

a mm	b mm	bayonet shape
100	28	07-326-01
100	38	07-326-02



Dunkel
07-340-22
Vaginal Retractor, with hook handle

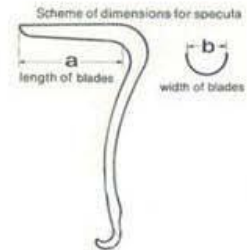
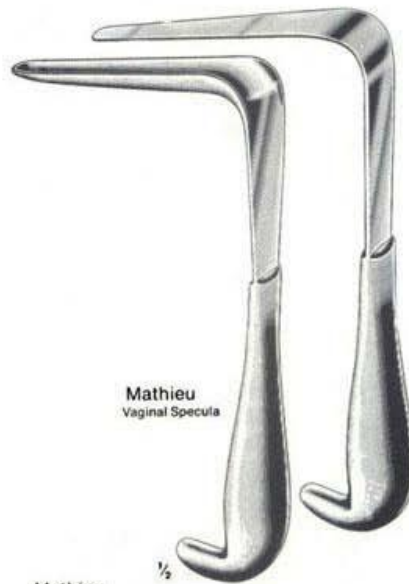


Mathieu
Vaginal Specula

Fig.	a mm	b mm	
1*	100	13/23	07-242-01
2	100	16/30	07-242-02

Mathieu
Vaginal Retractors

Fig.	a mm	b mm	set	
1*	100	11/21	07-243-01	07-245-01
2	100	14/27	07-243-02	07-245-02



Mathieu
Vaginal Specula

Fig.	a mm	b mm	
1*	100	13/23	07-242-01
2	100	16/30	07-242-02

Mathieu
Vaginal Retractors

Fig.	a mm	b mm	set	
1*	100	11/21	07-243-01	07-245-01
2	100	14/27	07-243-02	07-245-02







Kristeller

Fig.	a mm	b mm	Retractors
1	115	23	07-203-01
2	115	26	07-203-02
3	115	32	07-203-03



Kristeller
Set of 1 Speculum and 1 Retractor each

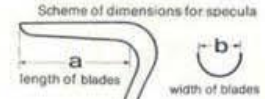
Fig.	Retractors
1	07-205-01
2	07-205-02
3	07-205-03



Kristeller

Set of 1 Speculum and 1 Retractor each

Fig. 1	07-199-01
Fig. 2	07-199-02
Fig. 3	07-199-03



Kristeller

Fig	a mm	b mm	Specula
1	110	27	07-202-01
2	110	30	07-202-02
3	110	36	07-202-03



Scheme of dimensions for specula

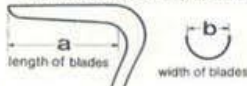


Fig.	a mm	b mm	Specula
1	110	27	07-196-01
2	110	30	07-196-02
3	110	36	07-196-03



Scheme of dimensions for specula



Kristeller

Fig.	a mm	b mm	Retractors
1	115	23	07-197-01
2	115	26	07-197-02
3	115	32	07-197-03



Auvard
07-310-22
complete, with removable weight



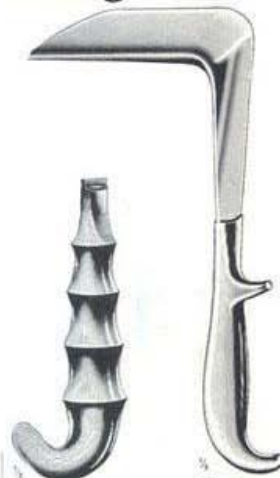
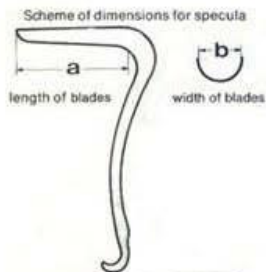
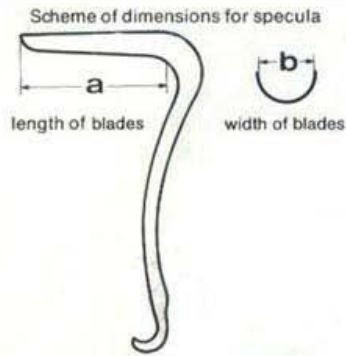
Weissbarth
07-314-24
complete, with removable strainer
with perforated bottom







Kristeller
Set of 1 Speculum and 1 Retractor each
Fig. 00 07-195-01
0 07-195-02



Doyen MPF
07-254-01 - 07-255-03

Doyen
07-249-01 - 07-251-03
07-259-01 - 07-261-03

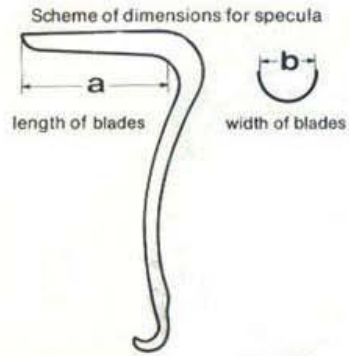


Fig.	a mm	b mm	leiththohi (MPF) slightly-concave (MPF) Igeramente cõncavas (MPF)	leiththohi (MPF) slightly-concave (MPF) Igeramente cõncavas (MPF)	leiththohi (MPF) slightly-concave (MPF) Igeramente cõncavas (MPF)
1	55	35	07-249-01		07-259-01
2	85	35	07-249-02		07-259-02
3	115	35	07-249-03		07-259-03
1	55	45	07-250-01	07-254-01	07-260-01
2	85	45	07-250-02	07-254-02	07-260-02
3	115	45	07-250-03	07-254-03	07-260-03
1	55	60	07-251-01	07-255-01	07-261-01
2	85	60	07-251-02	07-255-02	07-261-02
3	115	60	07-251-03	07-255-03	07-261-03



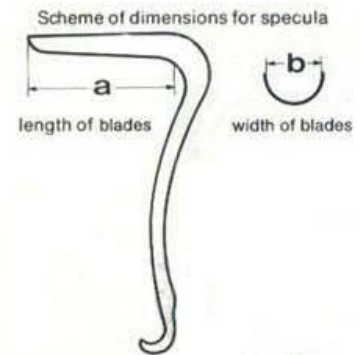
Kristeller

Fig.	a mm	b mm	Specula
00	110	18	07-190-01
0	110	21	07-190-02



Kristeller

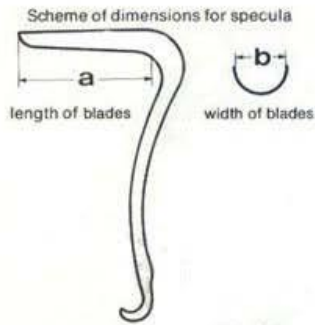
Fig.	a mm	b mm	Retractors
00	115	14	07-191-01
0	115	17	07-191-02





Kristeller

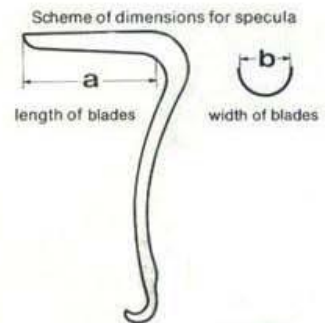
Fig	a mm	b mm	Retractors
1	75	23	07-183-01
2	80	26	07-183-02
3	95	32	07-183-03



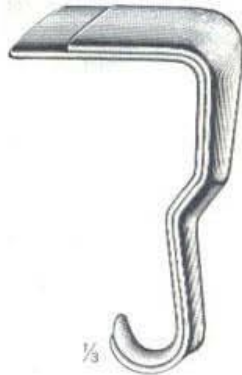
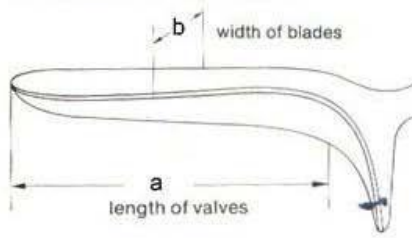
Kristeller

Set of 1 Speculum and 1 Retractor each

Fig. 1	07-185-01
2	07-185-02
3	07-185-03



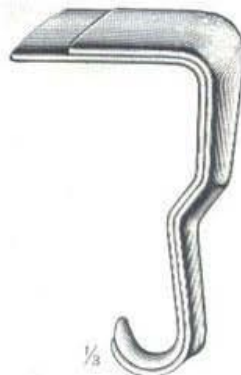
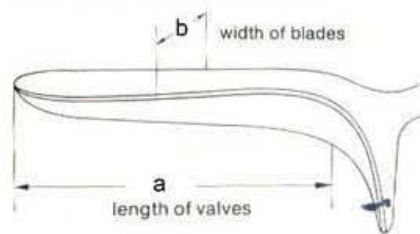
Scheme of dimensions for specula



Auvard

a mm	b mm	set
75	40	
90	45	07-180-00

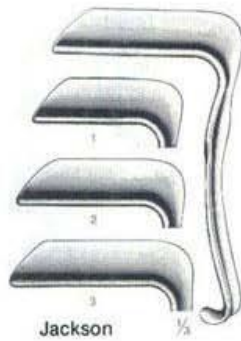
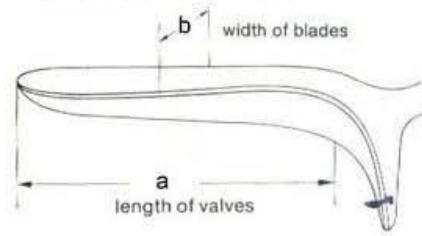
Scheme of dimensions for specula



Auvard

a mm	b mm	set
75	40	
90	45	07-180-00

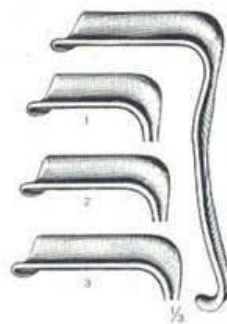
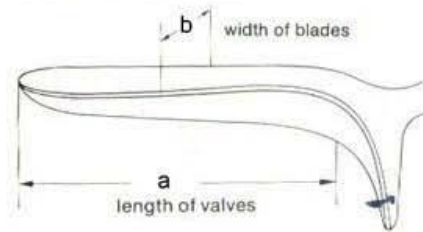
Scheme of dimensions for specula



Jackson

Fig.	a mm	b = 35 mm	b = 40 mm
1	75	07-164-01	07-166-01
2	90	07-164-02	07-166-02
3	100	07-164-03	07-166-03

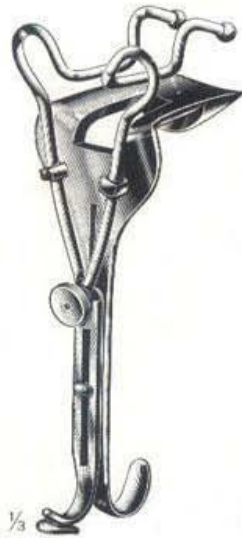
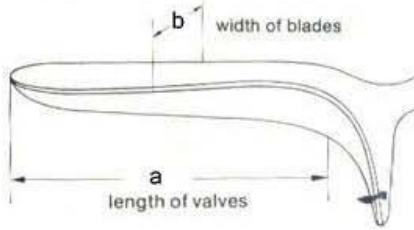
Scheme of dimensions for specula



Eastman

Fig.	a mm	b = 35 mm	b = 40 mm
1	75	07-174-01	07-176-01
2	90	07-174-02	07-176-02
3	100	07-174-03	07-176-03

Scheme of dimensions for specula

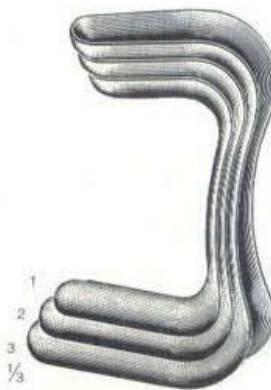
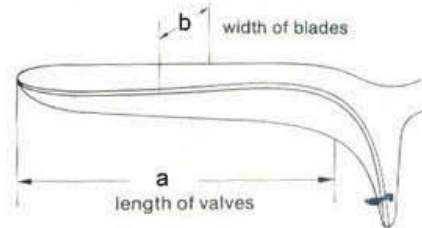


Guttman

a	b	
mm	mm	
80	45	07-142-01

ditto, operating pattern, self-retaining

Scheme of dimensions for specula

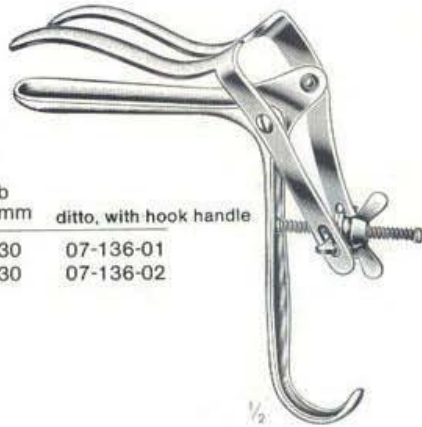
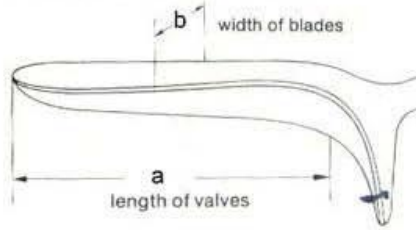


Sims

Fig.	a	b	
	mm	mm	
1	60	25 + 30	07-160-01
2	70	30 + 35	07-160-02
3	80	35 + 40	07-160-03

double, medium-concave

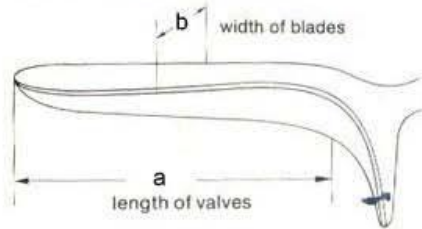
Scheme of dimensions for specula



Nott

a mm	b mm	ditto, with hook handle
90	30	07-136-01
110	30	07-136-02

Scheme of dimensions for specula

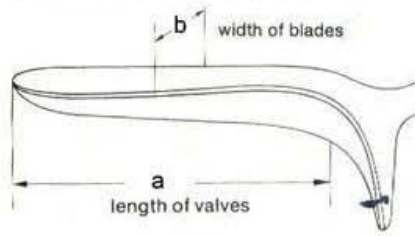


Guttman

a mm	b mm	
90	35	07-140-01

ditto, examining pattern, self-retaining

Scheme of dimensions for specula



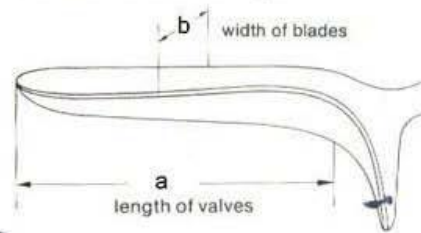
Grave

a mm	b mm	
75	20	07-130-01
95	35	07-130-02
115	35	07-130-03

with lateral ratchet, detachable, lower blade convertible into vaginal retractor



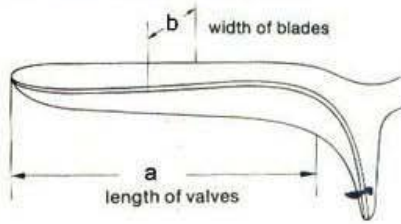
Scheme of dimensions for specula



Semm
07-132-01 = 100 x 17/20 mm
07-132-02 = 100 x 25/30 mm
for one handed use



Scheme of dimensions for specula



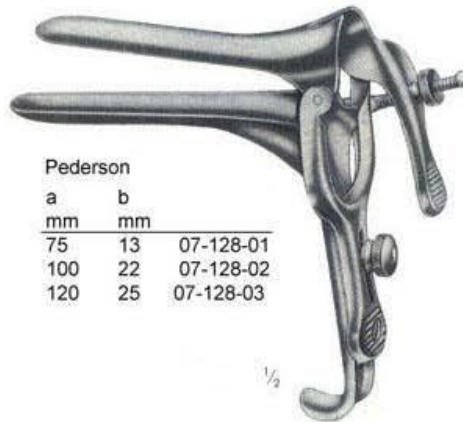
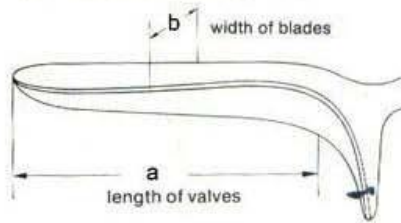
Trelat

a	b	
mm	mm	
85	33	07-126-01
95	35	07-126-02
115	43	07-126-03

detachable, with folding handles

1/2

Scheme of dimensions for specula

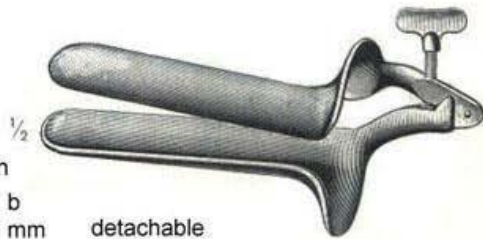
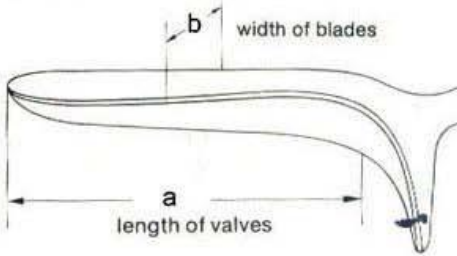


Pederson

a	b	
mm	mm	
75	13	07-128-01
100	22	07-128-02
120	25	07-128-03

1/2

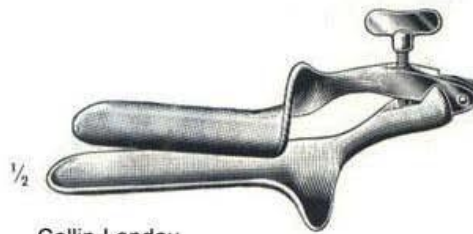
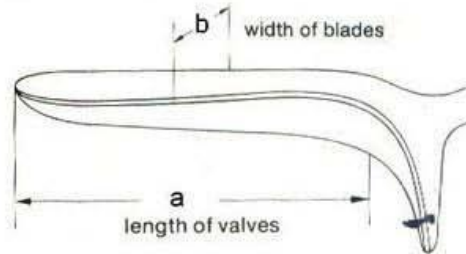
Scheme of dimensions for specula



Collin

a	b	detachable
mm	mm	
85	30	07-120-01
100	40	07-120-02
110	40	07-120-03

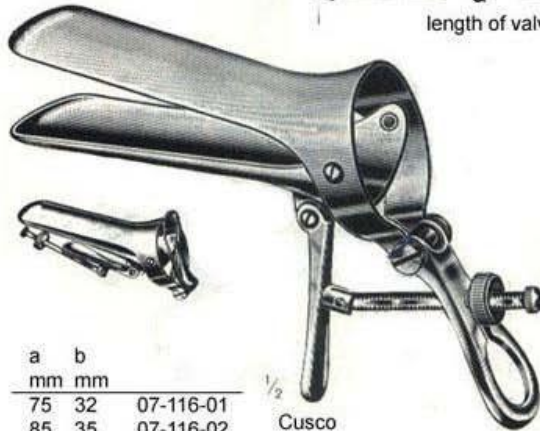
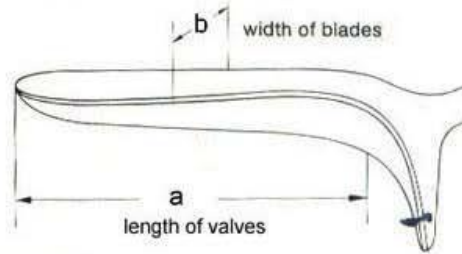
Scheme of dimensions for specula



Collin-Landau

a	b	
mm	mm	
100	35	07-122-02
detachable, top blade shorter		

Scheme of dimensions for specula

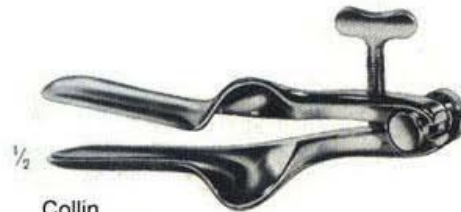
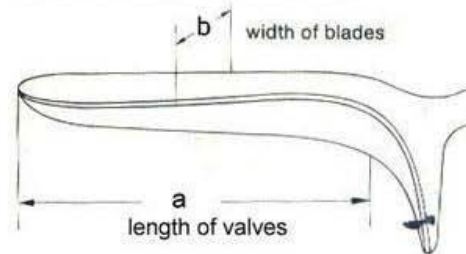


a	b	
mm	mm	
75	32	07-116-01
85	35	07-116-02
100	37	07-116-03

with ratchet at the folding handles

1/2
Cusco

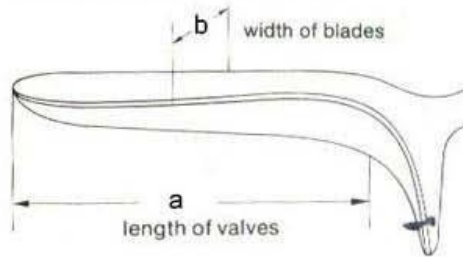
Scheme of dimensions for specula



Collin

a	b	
mm	mm	
65	20	07-118-01

Scheme of dimensions for specula

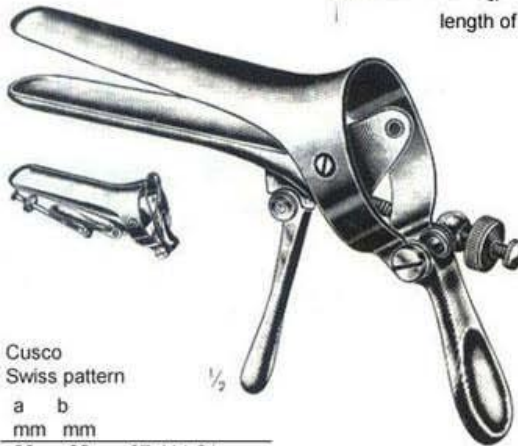
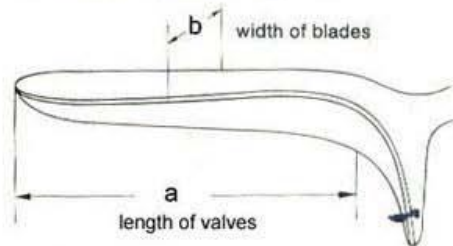


Cusco $\frac{1}{2}$

a	b	
mm	mm	
75	17	07-112-01

 ditto, conical shape, virgin size

Scheme of dimensions for specula



Cusco
 Swiss pattern $\frac{1}{2}$

a	b	
mm	mm	
80	22	07-114-01
100	25	07-114-02
105	27	07-114-03

Swiss pattern, narrow, with lateral ratchet, with folding handles



Fergusson

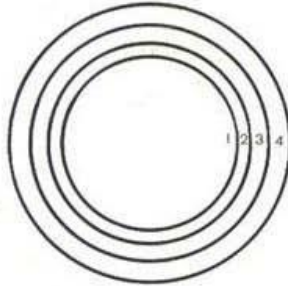
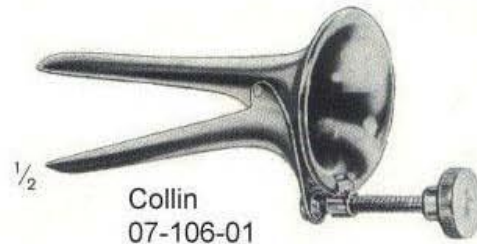


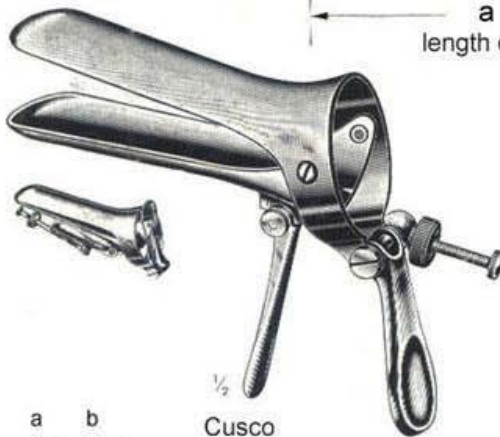
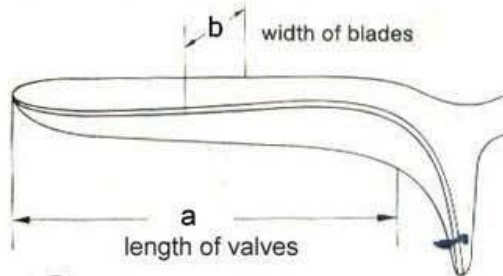
Fig.	mm Ø	
1	25	07-102-01
2	30	07-102-02
3	35	07-102-03
4	40	07-102-04

Metal Specula, tubular shape



Collin
07-106-01
55 x 10 mm
for children

Scheme of dimensions for specula



a	b	
mm	mm	Cusco
75	32	07-110-01
85	35	07-110-02
100	35	07-110-03

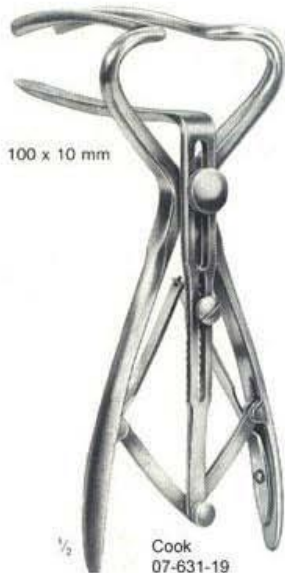
vaginal specula, with lateral ratchet, with folding handles



90 x 15 mm

Mathieu
 07-625-19
 19.5 cm / 7 3/4"

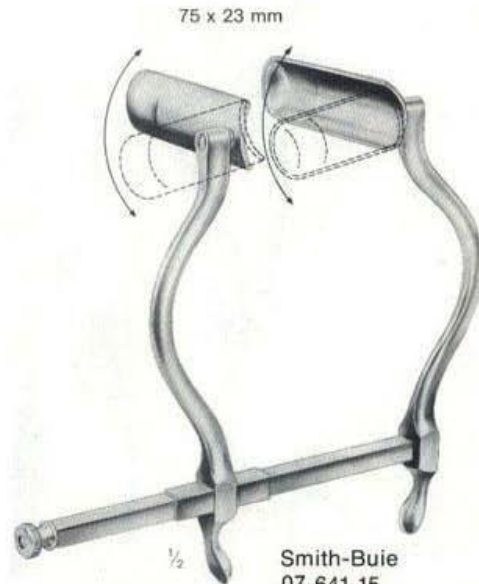
Rectal Specula, three-bladed, with fixing screw



100 x 10 mm

Cook
 07-631-19
 19.0 cm / 7 1/2"

Rectal Specula, three-bladed fixing screw



75 x 23 mm

Smith-Buie
 07-641-15

15 cm / 6"

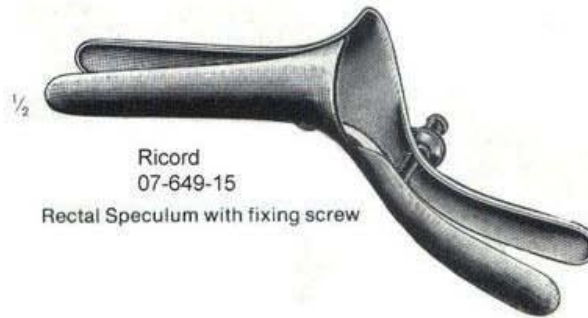
Anal Retractor, with swivel blades



70 x 22 mm

Barr
 07-645-17
 17 cm / 6 3/4"

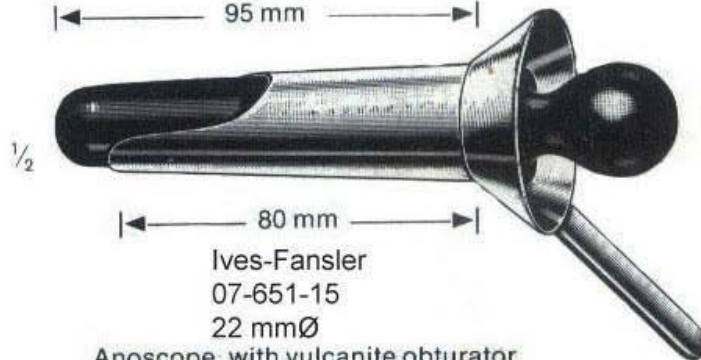
Rectal Speculum with Loktite ratchet



Ricord
 07-649-15

Rectal Speculum with fixing screw

95 mm



Ives-Fansler
 07-651-15

22 mmØ

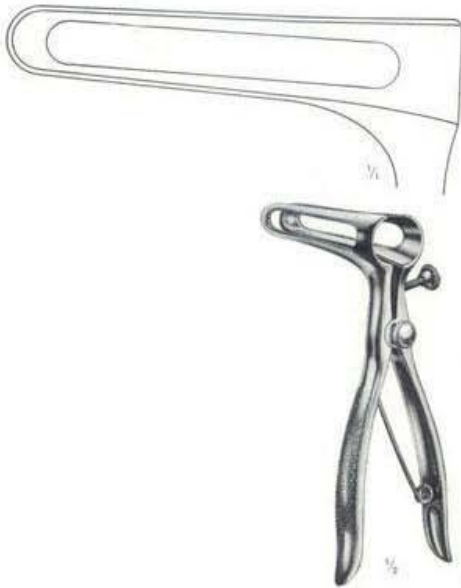
Anoscope, with vulcanite obturator



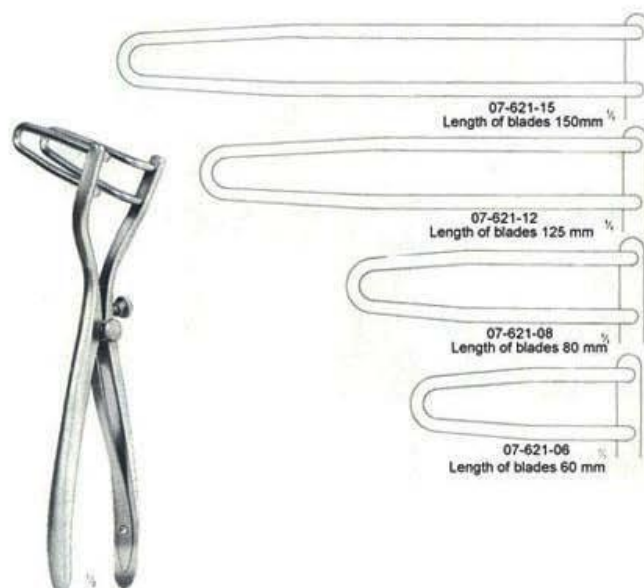
$\frac{1}{2}$
Czerny
07-605-21
22 cm/8 $\frac{1}{2}$ "
Rectal Speculum



$\frac{1}{2}$
Sima
07-613-15
15 cm/ 6"
Rectal Specula with fixing screw



$\frac{1}{2}$
Sims
07-615-15
15 cm/ 6"
rectal Specula with fixing screw



$\frac{1}{2}$
Schulze-Bergmann
07-621-06 - 07-621-15
22 cm/ 8 $\frac{1}{2}$ "

07-621-15
Length of blades 150mm $\frac{1}{2}$ "

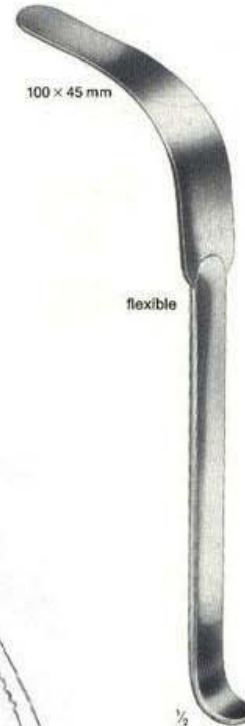
07-621-12
Length of blades 125 mm $\frac{1}{2}$ "

07-621-08
Length of blades 80 mm $\frac{1}{2}$ "

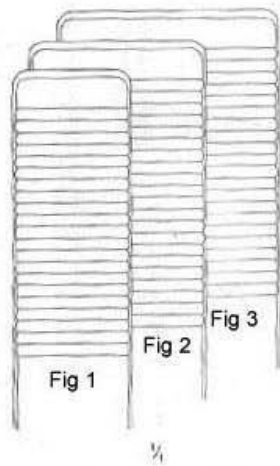
07-621-06
Length of blades 60 mm $\frac{1}{2}$ "



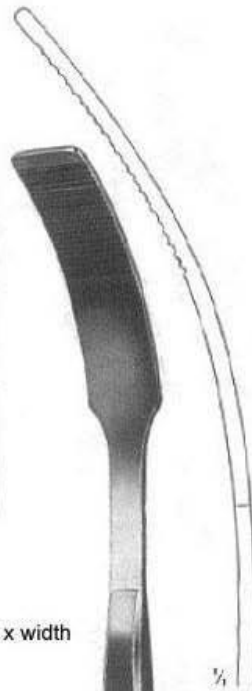
1/2
07-617-28
Koerte
28 cm/ 11"
rigid



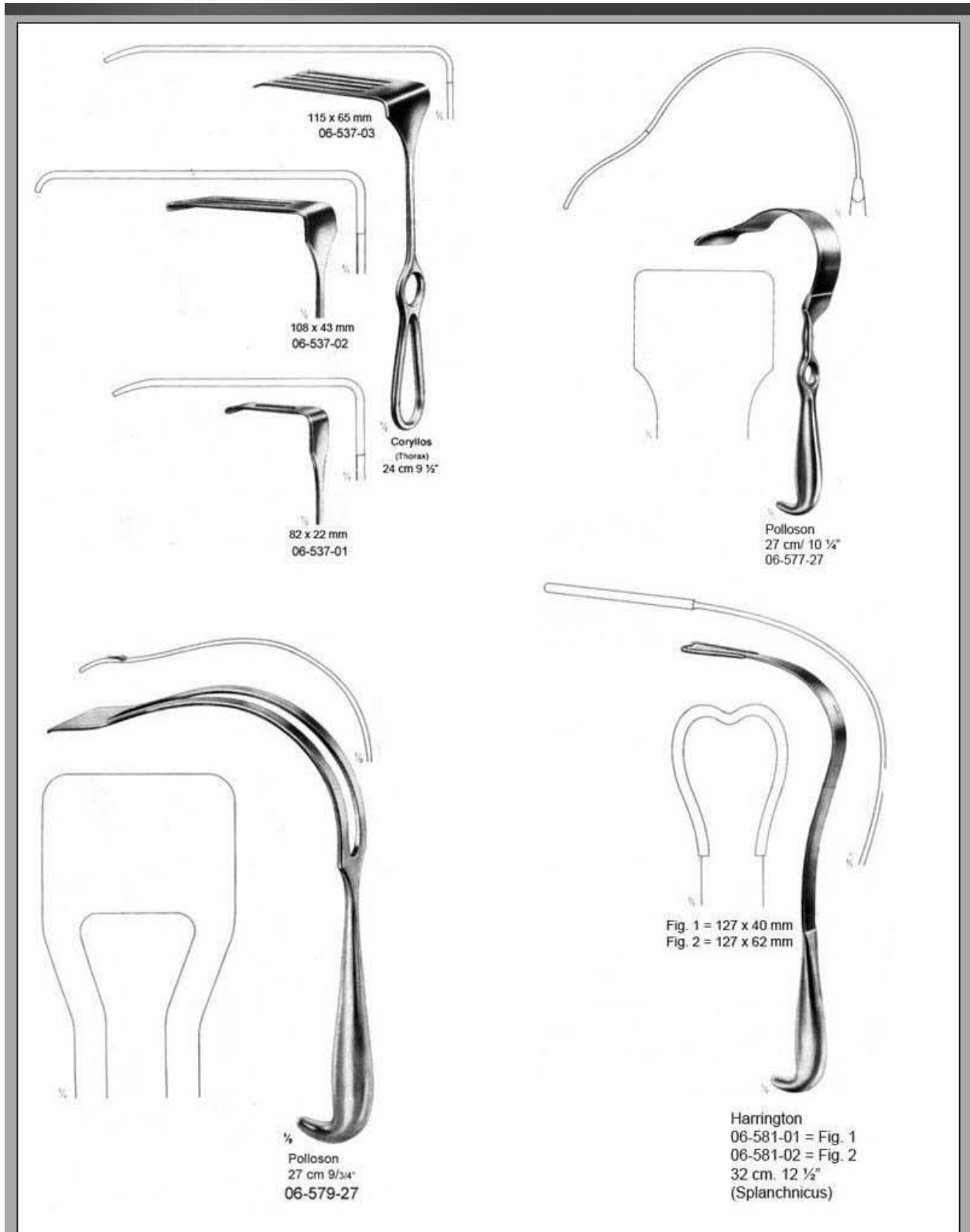
1/2
Kuempel
07-621-28
28 cm/ 11"

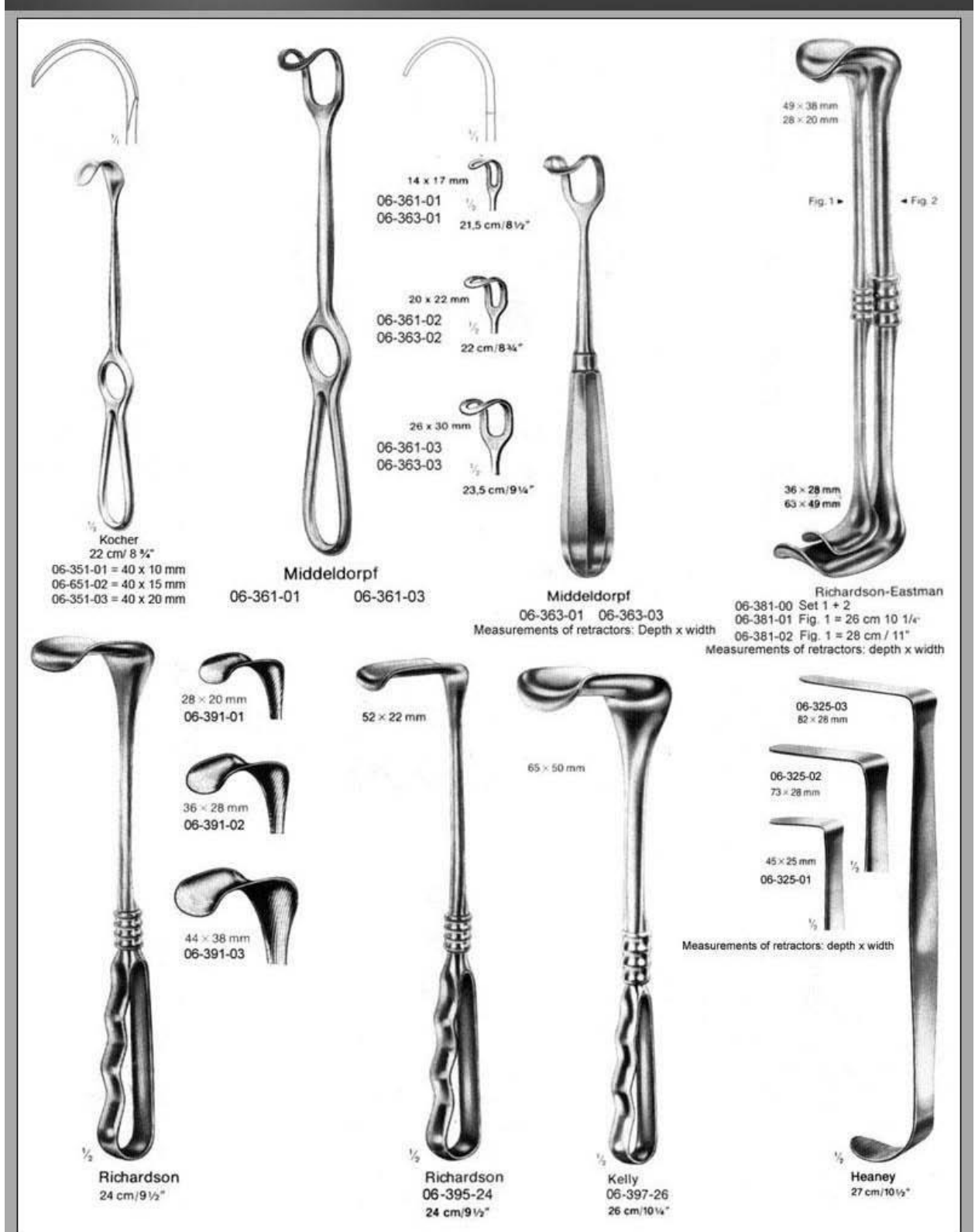


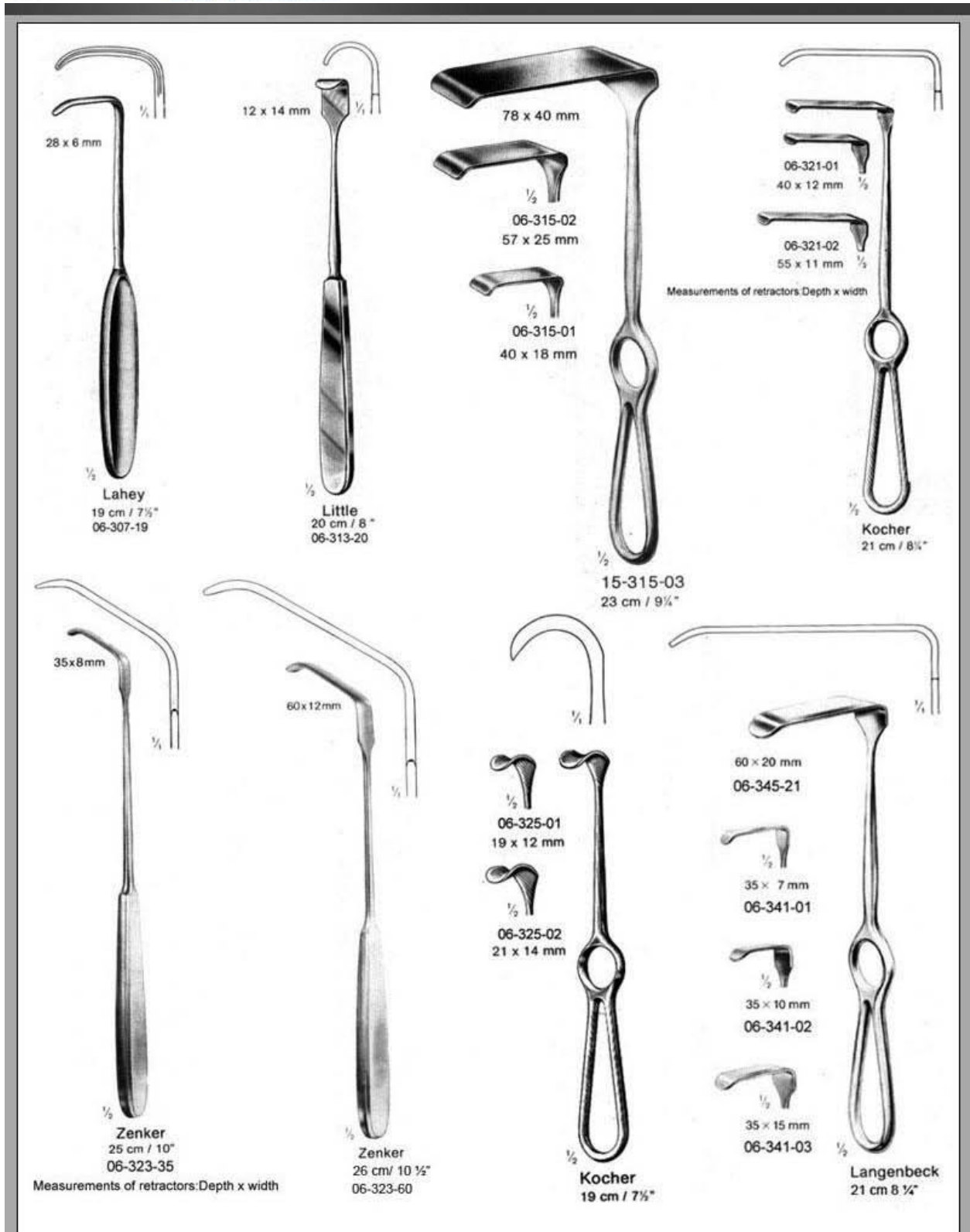
Measurements of retractors: Depth x width

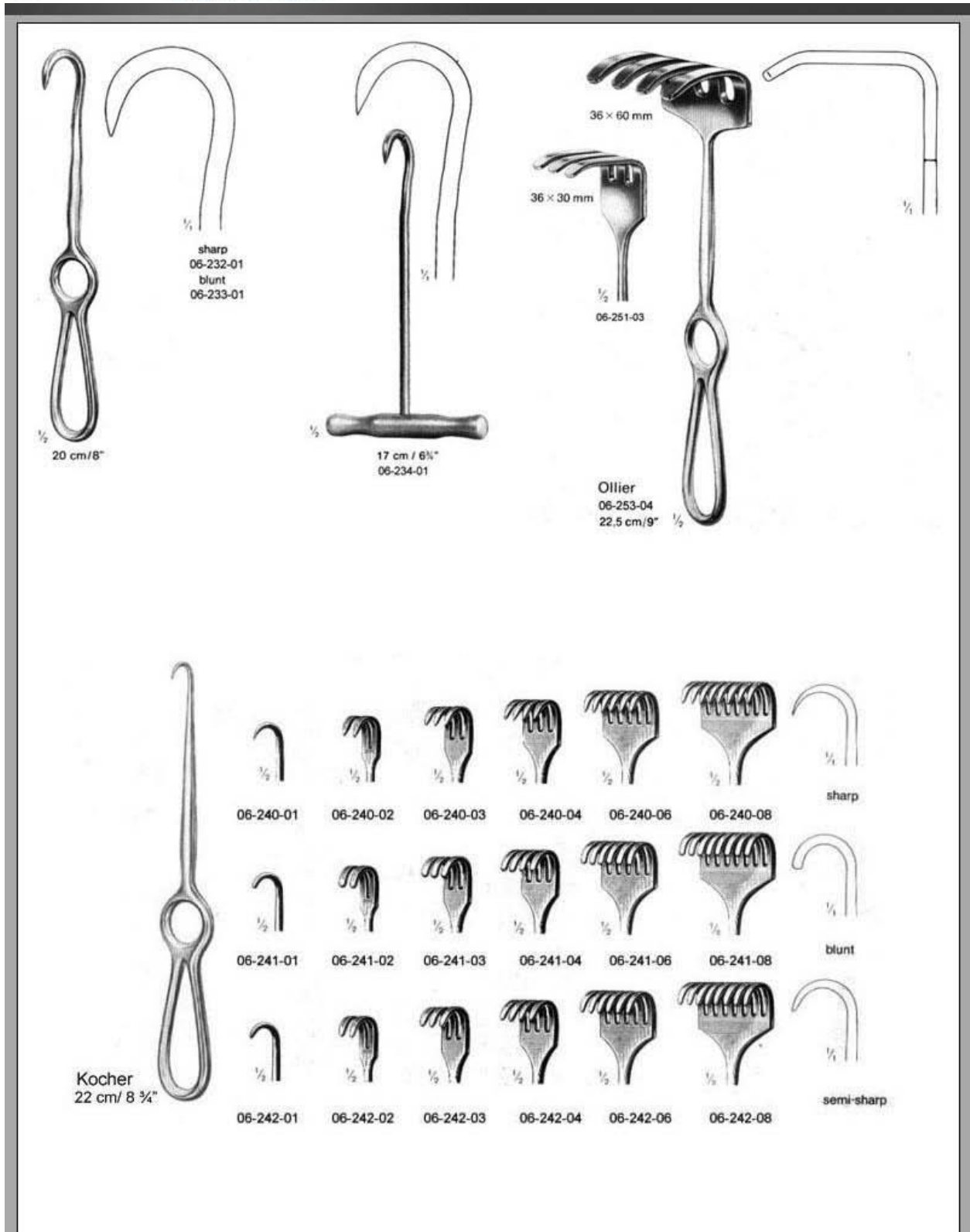


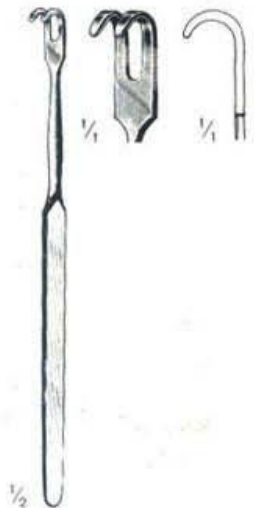
1/2
Kader 27 cm/ 10 3/4"
06-623-20 = 20 mm
06-623-30 = 30 mm
06-623-40 = 40 mm



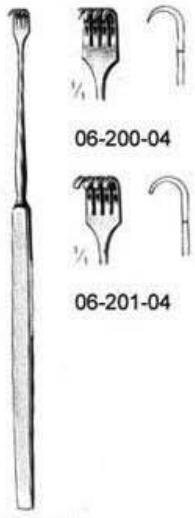








06-197-02
 13.5 cm / 5 1/4"



16 cm / 6 1/4"

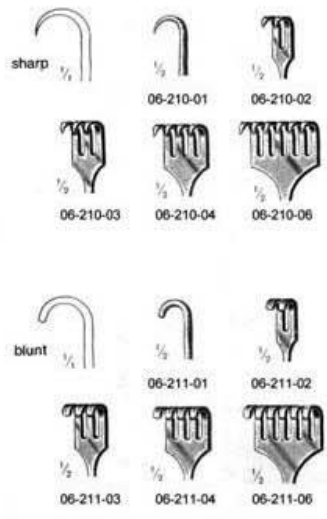
06-200-04

06-201-04



Volkman
 23 cm / 9"

Measurements of retractors: Depth x width



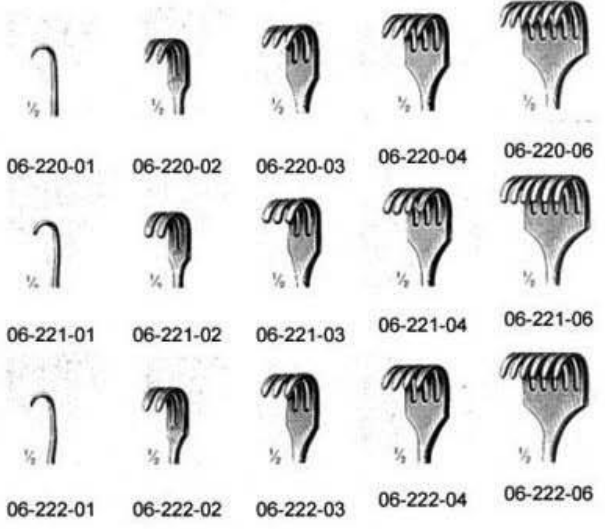
sharp

blunt

semi-sharp



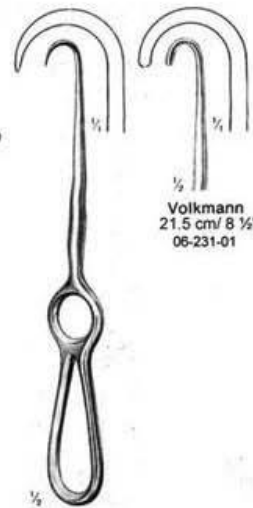
Volkman
 21.5 cm / 8 1/2"



sharp

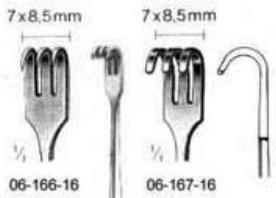
blunt

Measurements of retractors: Depth x width

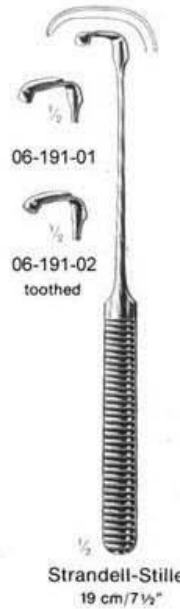
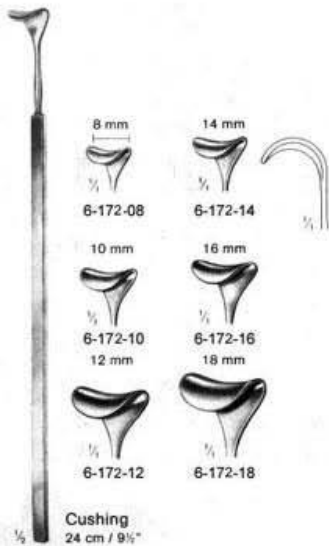
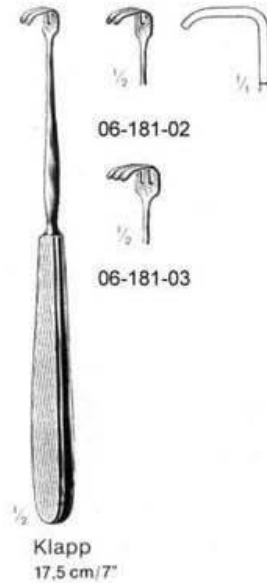
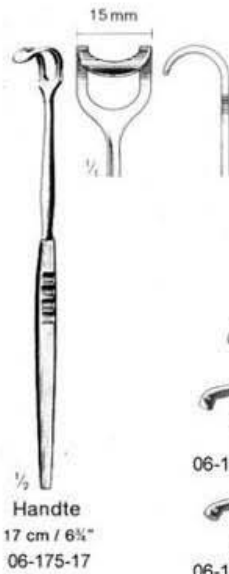
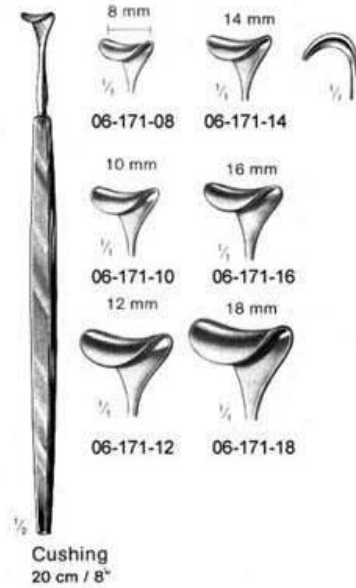


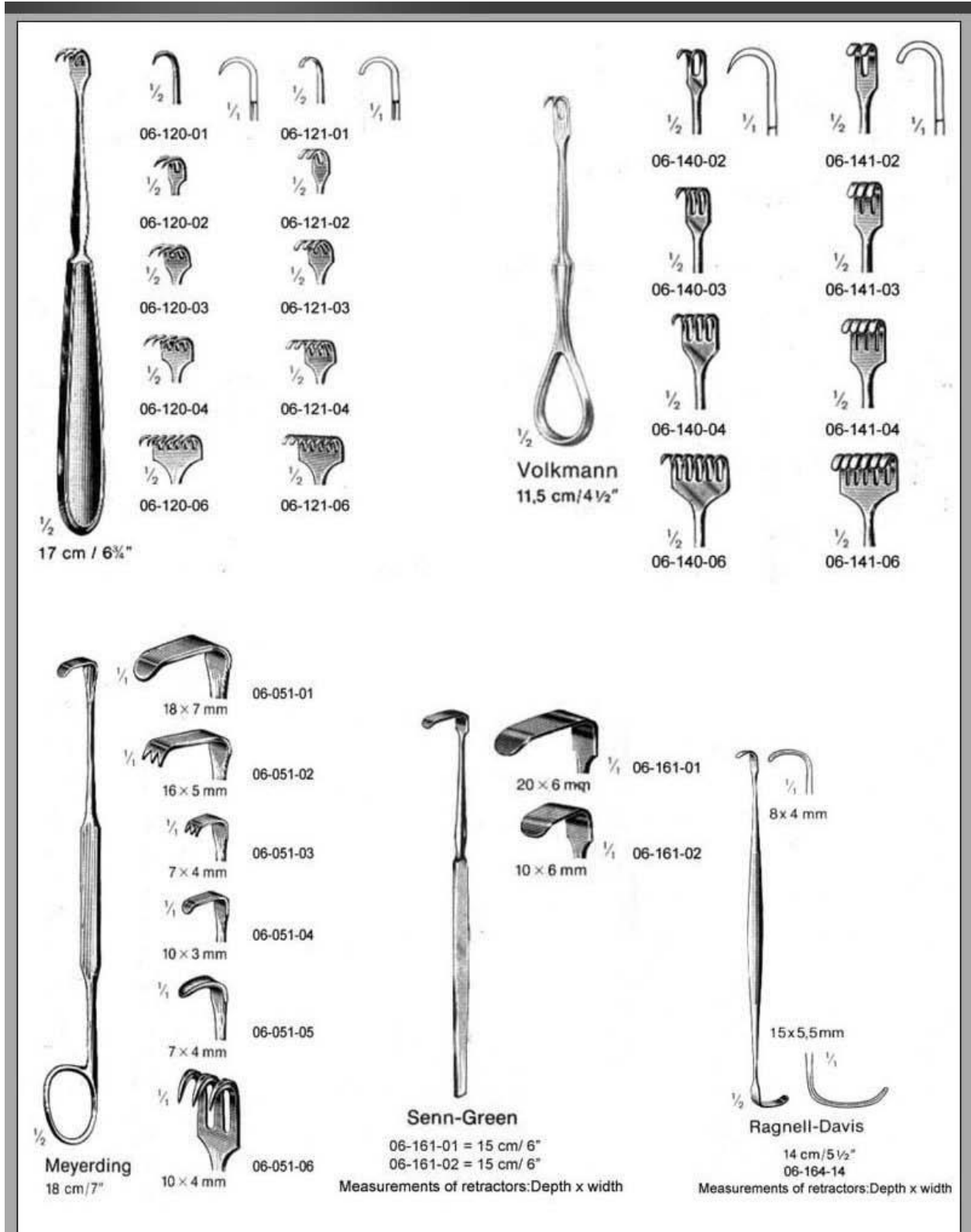
Volkman
 21.5 cm / 8 1/2"
 06-230-01

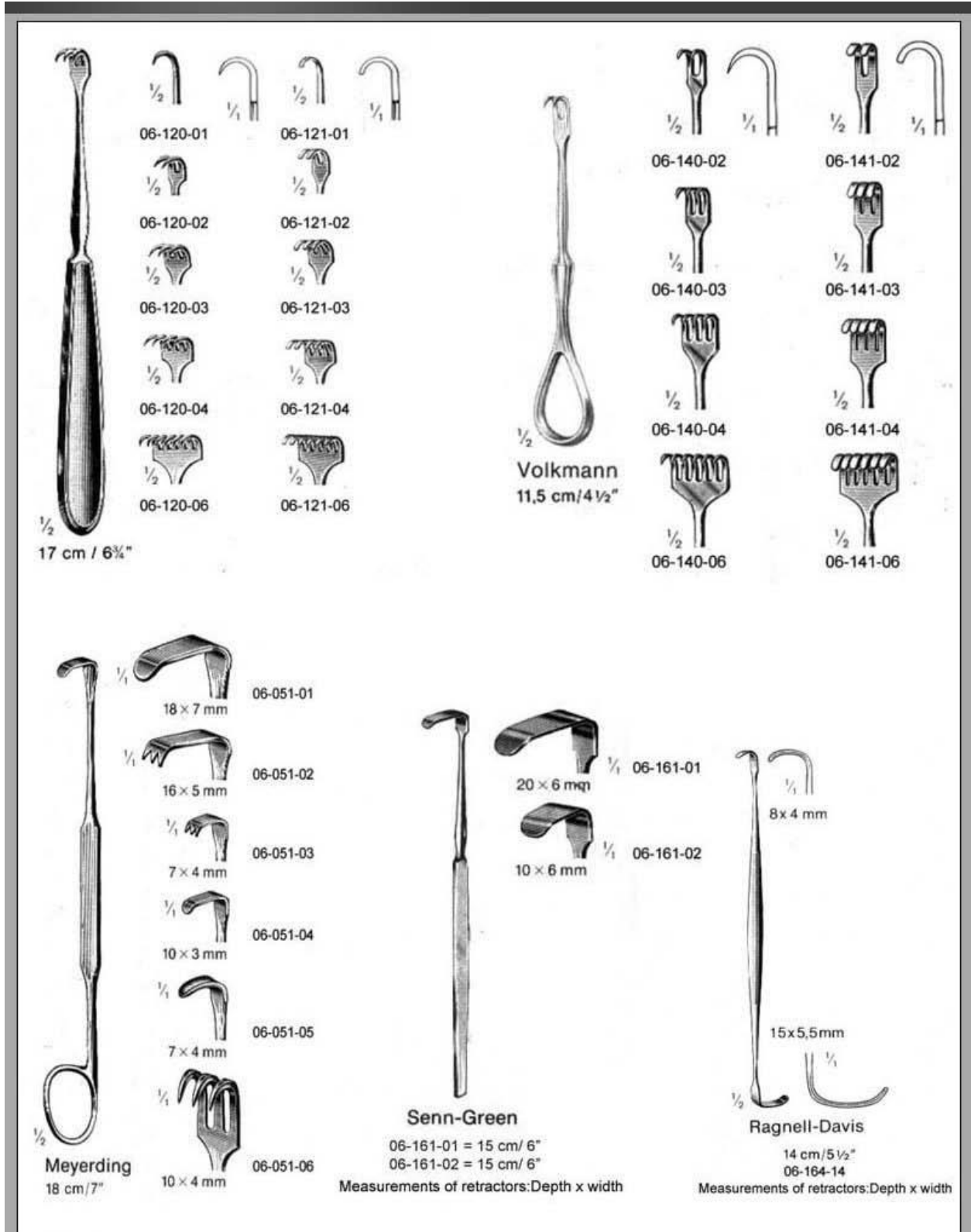
Volkman
 21.5 cm / 8 1/2"
 06-231-01

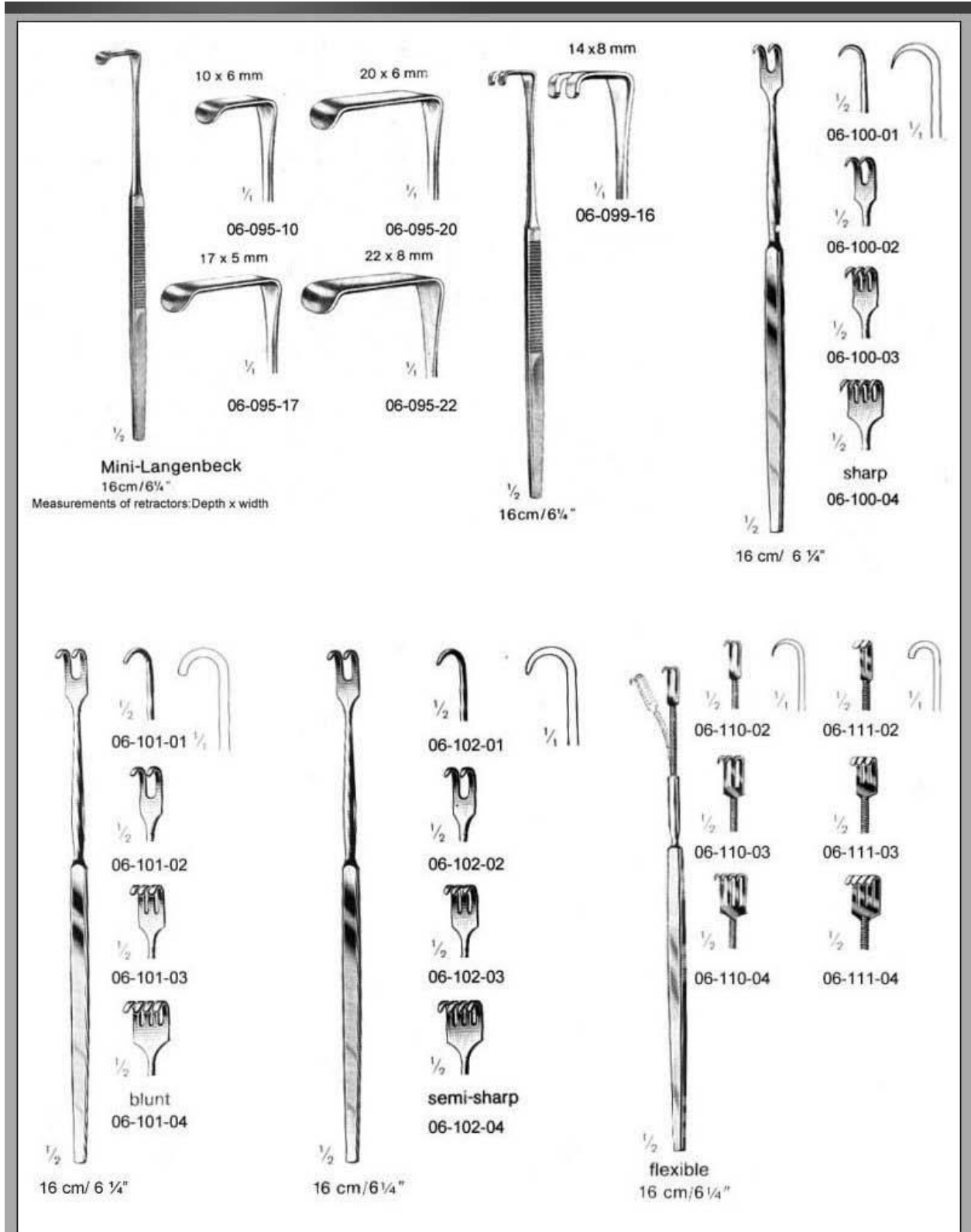


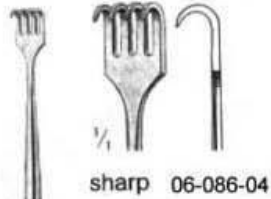
Senn-Mueller
16 cm / 6 1/4"



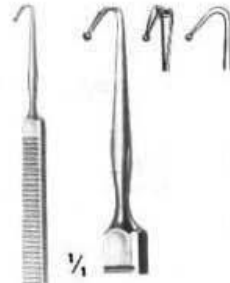








1/2
 16cm/6 1/4"

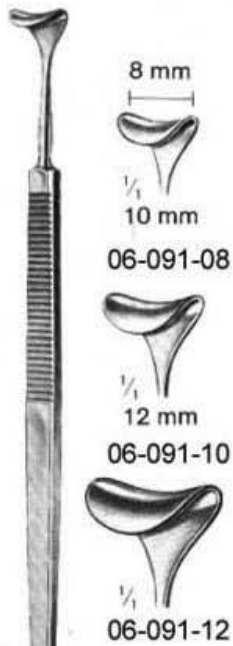


1/2
 06-088-12
 12 cm / 4 1/2"

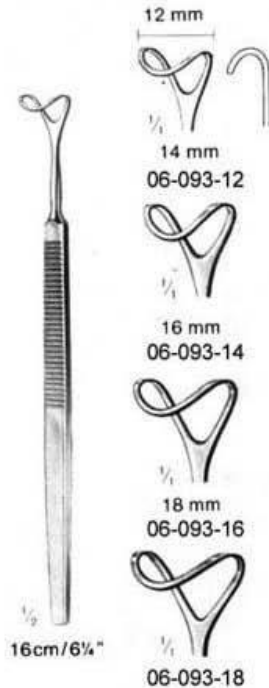
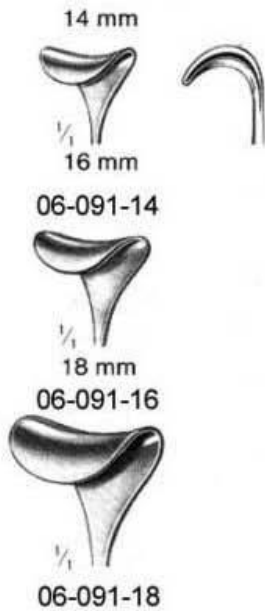
Micro retractor with saddle blade, buttoned



1/2
 06-089-16
 16 cm / 6 1/4"

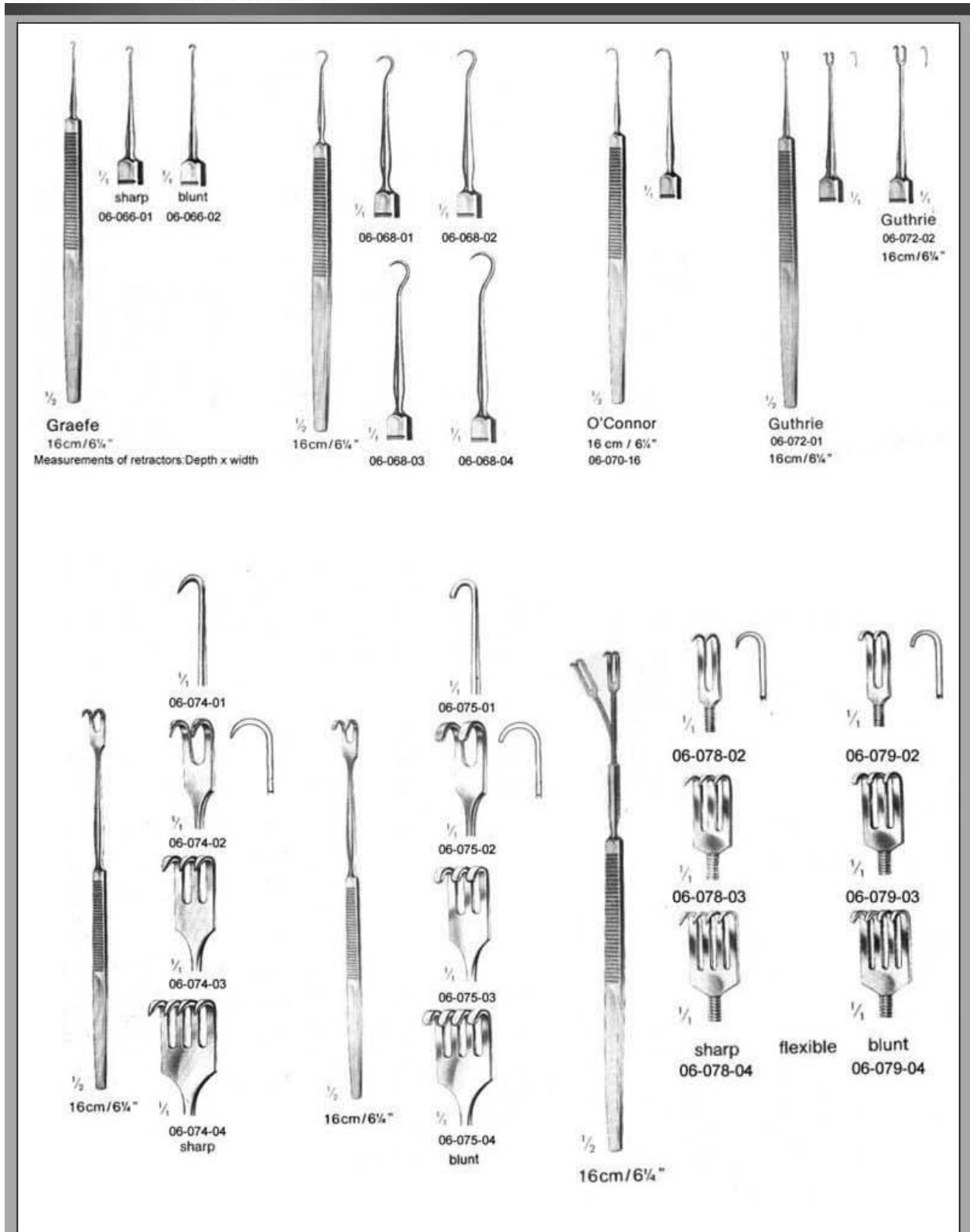


Desmarres
 16cm/6 1/4"



1/2
 16cm/6 1/4"

Measurements of retractors: Depth x width





Reverdin
06-952-29
29 cm/ 11 1/2"



Reverdin
06-953-28
28 cm/ 11"



Flexibles
06-963-01 = 33 cm/ 13" . 30 mm
06-963-02 = 33 cm/ 13" . 40 mm
06-963-03 = 33 cm/ 13" . 50 mm

Measurements of retractors: Depth x width



Haberer
06-971-00 = 20 cm/ 8" 17/25mm
06-971-01 = 28 cm/ 11" 25/30mm
06-971-02 = 30 cm/ 12" 37/45mm



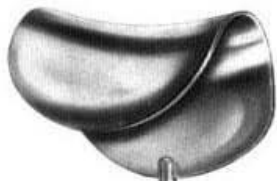
06-973-12 = 200 x 12 mm
06-937-17 = 200 x 17 mm
06-973-25 = 250 x 25 mm



06-980-28
28 cm/ 11"
Kelle Scoop 50 x 45 mm



06-982-33
33 cm/ 13"
58 mm Ø
100 ccm



1/2 Fritsch

Measurements of retractors: Depth x width

- 06-947-07 = 7 x 8 mm
- 06-947-08 = 8 x 10 mm
- 06-947-09 = 9 x 12 mm
- 06-947-10 = 10 x 14 mm
- 06-947-12 = 12 x 16 mm
- 06-947-14 = 14 x 18 mm

- 06-947-25 = 25 x 25 mm
- 06-947-35 = 35 x 40 mm
- 06-947-40 = 40 x 50 mm
- 06-947-45 = 45 x 60 mm
- 06-947-55 = 55 x 80 mm
- 06-947-56 = 56 x 95 mm
- 06-947-60 = 60 x 110 mm
- 06-947-80 = 80 x 110 mm

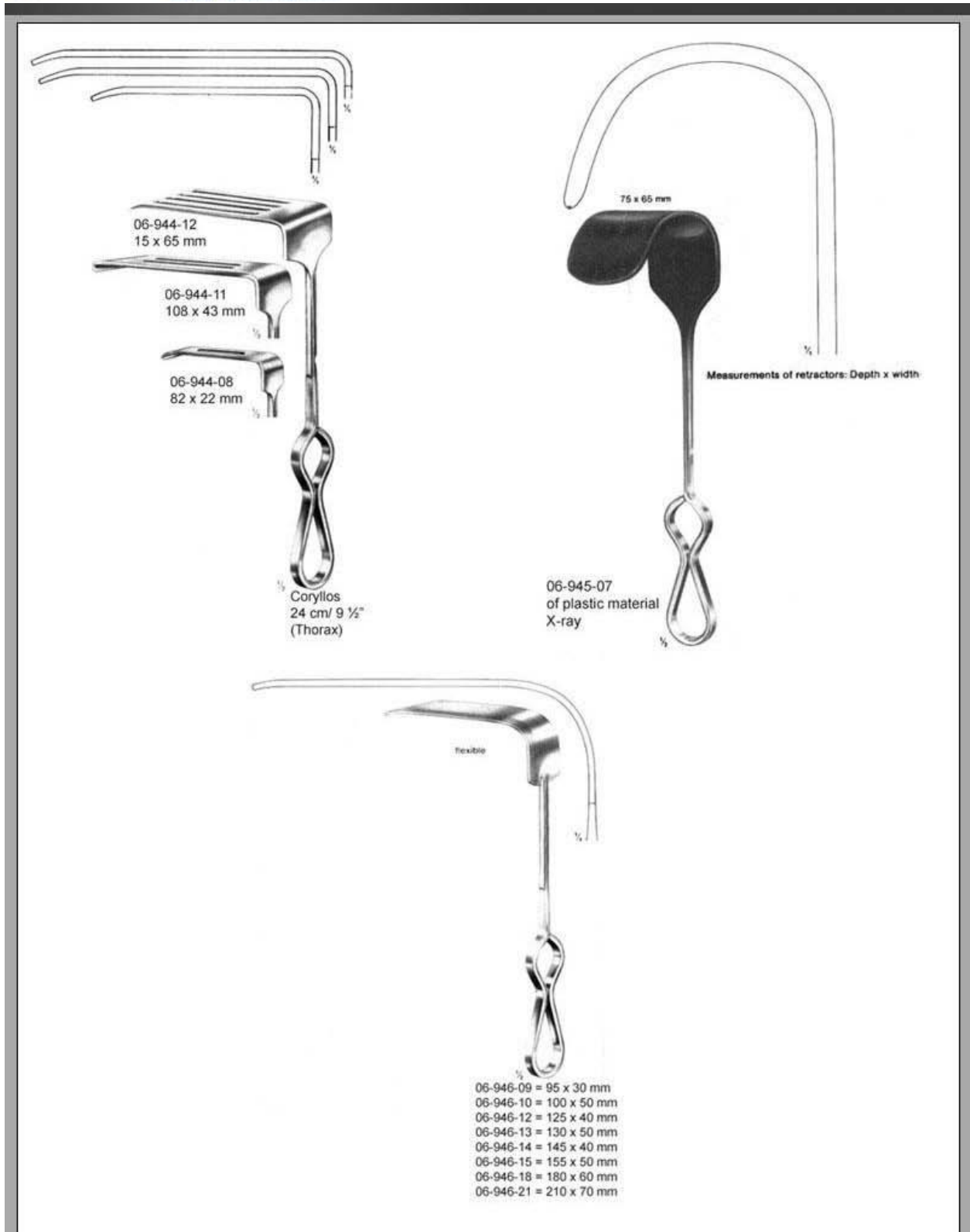


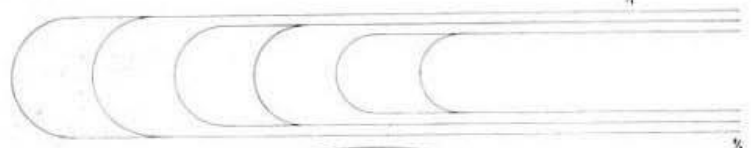
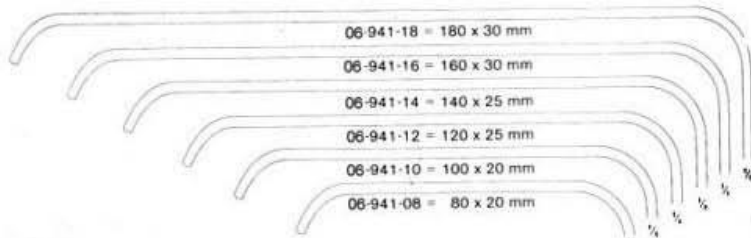
Measurements of retractors: Depth x width

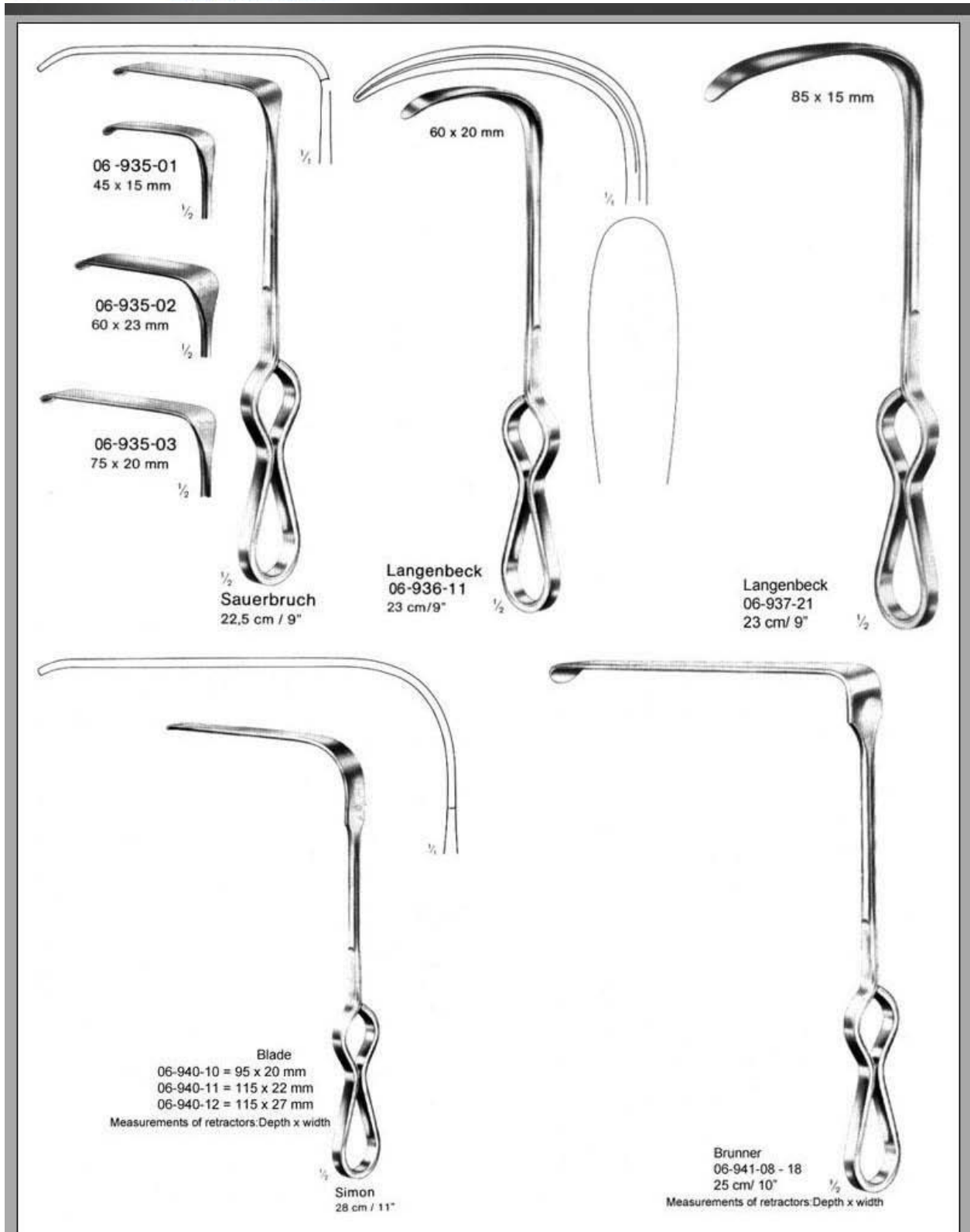
- 06-949-01 = 100 x 20 mm
- 06-949-02 = 100 x 25 mm
- 06-949-03 = 100 x 30 mm
- 06-949-04 = 100 x 35 mm
- 06-949-05 = 100 x 40 mm

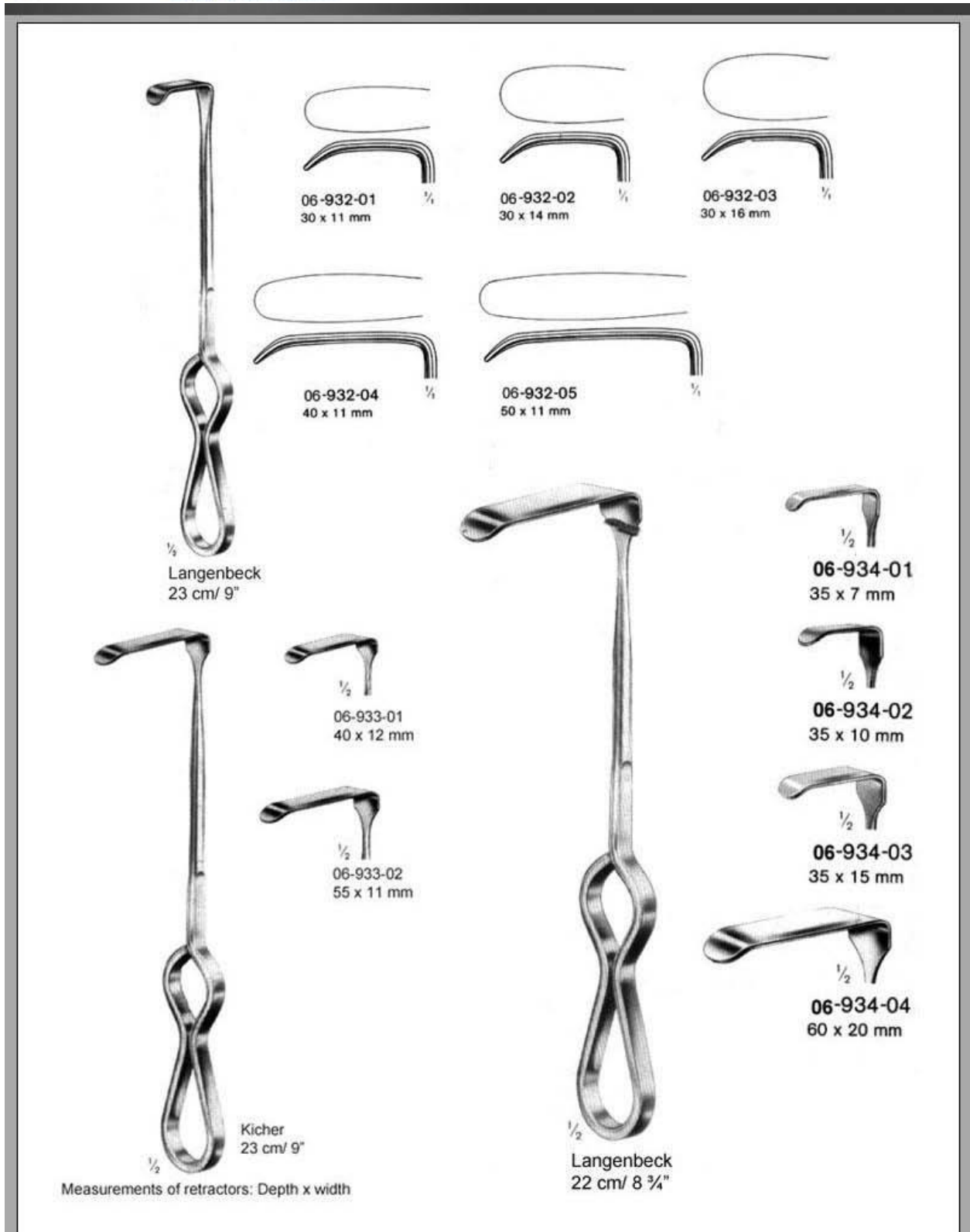
- 06-950-01 = 130 x 20 mm
- 06-950-02 = 130 x 25 mm
- 06-950-03 = 130 x 30 mm
- 06-950-04 = 130 x 35 mm
- 06-950-05 = 130 x 140 mm

Breisky 06-951-05-155 x 40 mm











06-926-07
26 cm/ 10 1/2"



26 x 60 mm
06-928-08
25 cm/ 10"



25 x 85 mm
06-930-16
24.5 cm/ 9 3/4"



Langenbeck
22 cm/ 8 3/4"



10 x 6 mm
06-931-10



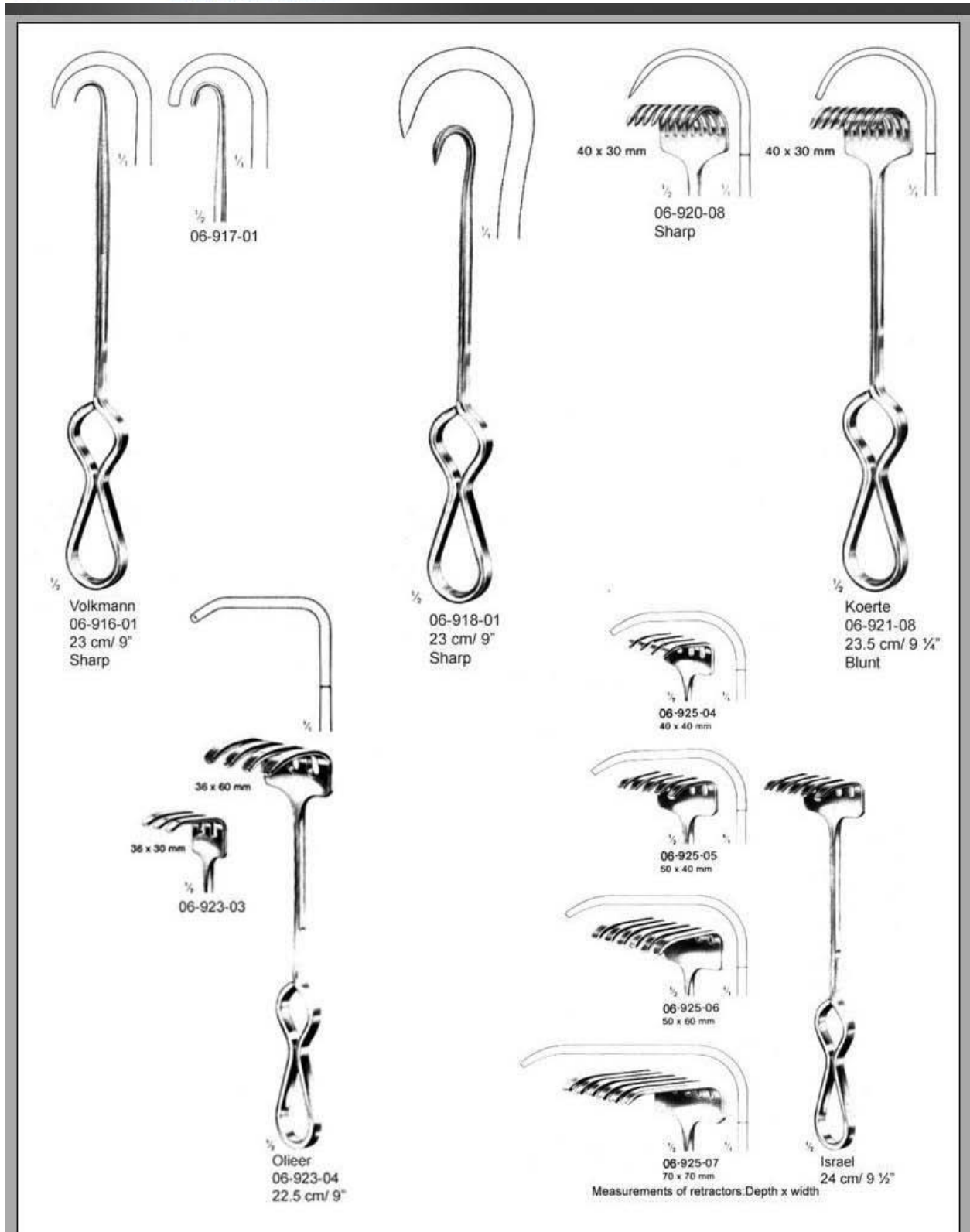
17 x 5 mm
06-931-17



20 x 6 mm
06-931-20

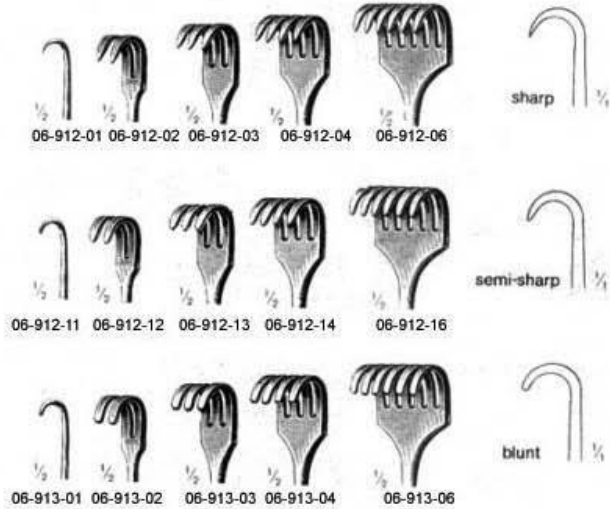


22 x 8 mm
06-931-22

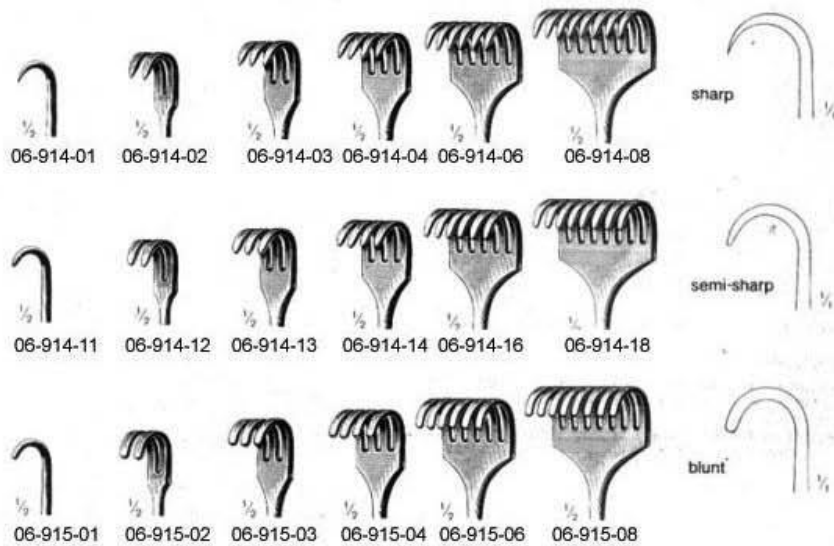




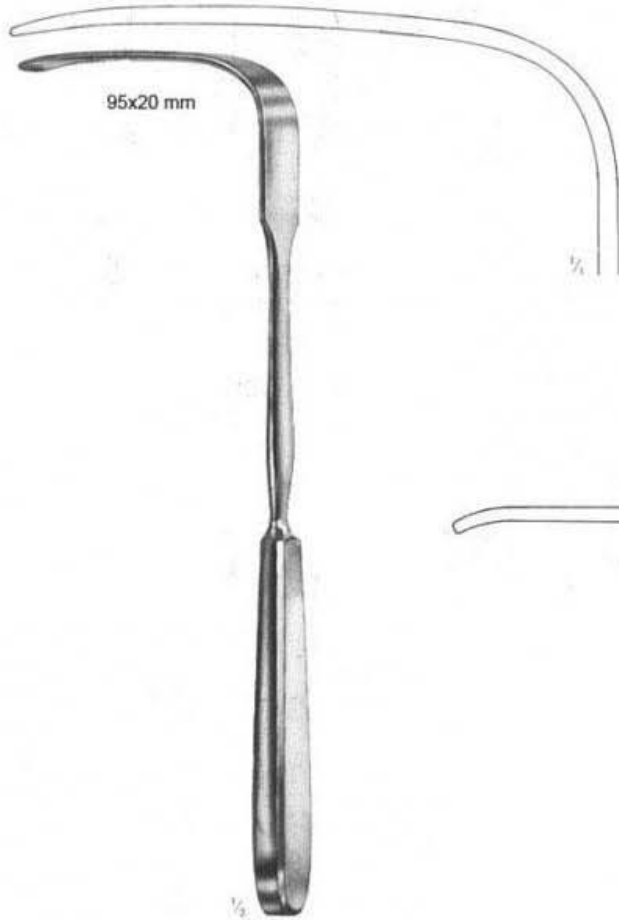
Volkmann 23 cm/9"



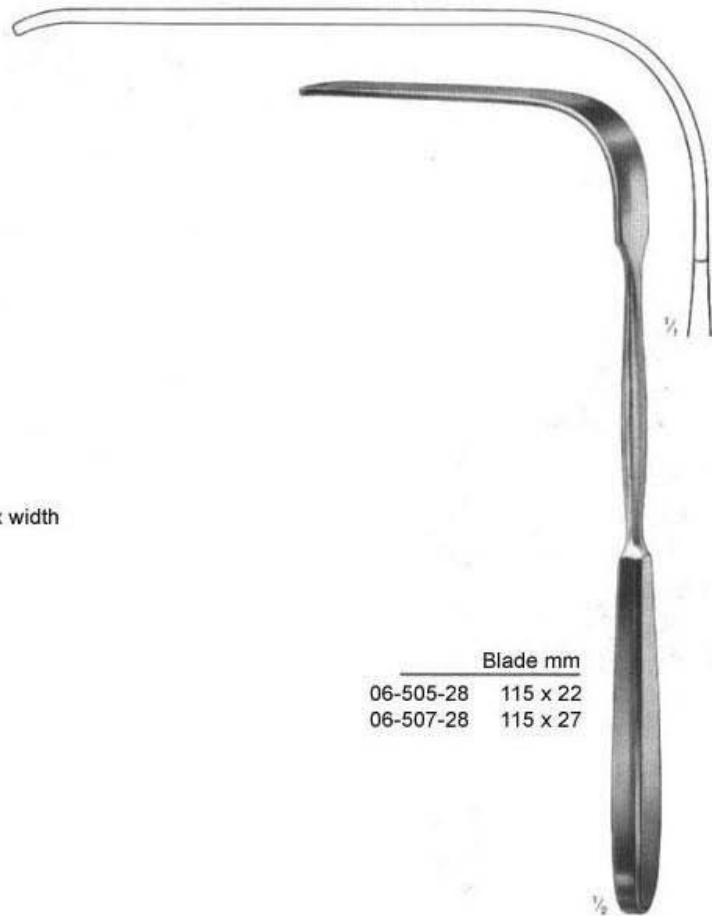
Kocher 23 cm/9" Measurements of retractors: Depth x width





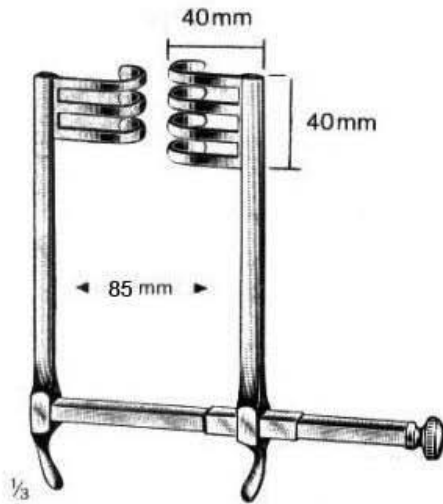


06-499-28
 28 cm/ 11 3/4"
 Measurements of retractors:Depth x width



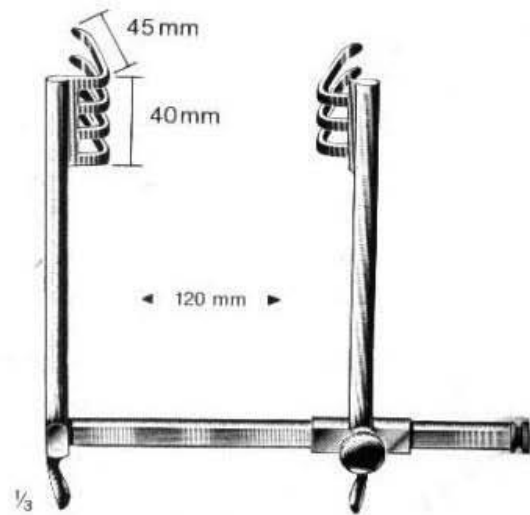
Simon
 28 cm/ 11"

	Blade mm
06-505-28	115 x 22
06-507-28	115 x 27



Frazier
Rahmen allein
06-902-00

Also for neurosurgery, laminectomy



Temple-Fay
06-904-00



Standard



06-889-40
40 x 55 mm



06-889-50
50 x 65 mm



06-889-60
60 x 85 mm



06-889-78
78 x 65 mm



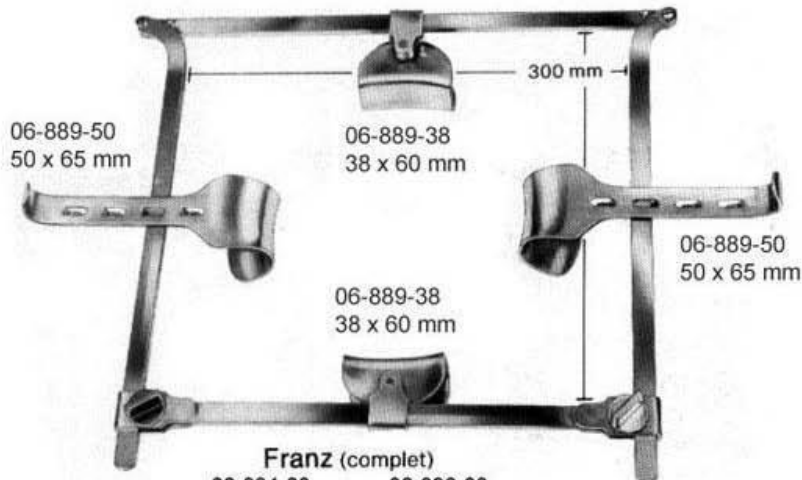
06-889-80
80 x 90 mm

for Corpulent patients

Kirschner Abdominal Retractor, complete, consisting of:
 1 Frame, rigid, 240 x 240 mm
 2 Hook-on Retractors, 40 x 55 mm
 2 ditto, 50 x 65 mm
 Frame only, rigid, 240 x 240 mm

1 Frame, folding type, large size,
 280 x 280 mm
 2 Hook-on Retractors, 40 x 55 mm
 2 ditto, 50 x 65 mm
 Frame only, folding type, 280 x 280 mm

Kirschner Abdominal Retractor, folding, large size, complete, consisting of:



Franz (complet)

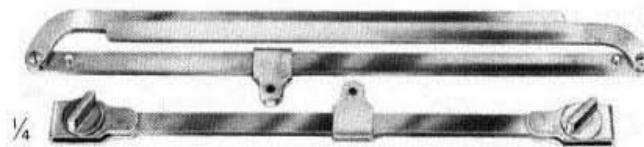
06-894-00 06-896-00

with 4 blades with 8 blades

Measurements of retractors: Depth x width

Franz Abdominal Retractors, folding, complete, consisting of

Measurements of Blades Depth x width



Folding Frame
 300 x 300 mm
 06-894-30

Hook-on Retractors for kirschner and Franz Frames

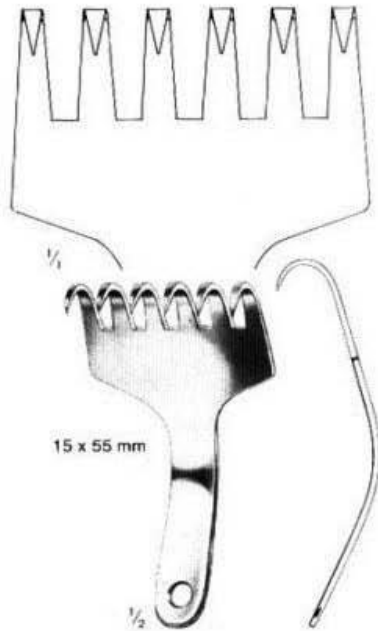


Intestinal and bladder



Kirschner Abdominal Retractor, complete, consisting of:
 1 Frame, rigid, 240 x 240 mm
 2 Hook-on Retractors, 40 x 55 mm
 2 ditto, 50 x 65 mm
 Frame only, rigid, 240 x 240 mm
Kirschner Abdominal Retractor, folding, large size, complete, consisting of:

Measurements of Blades Depth x width
 1 Frame, folding type, large size, 280 x 280 mm
 2 Hook-on Retractors, 40 x 55 mm
 2 ditto, 50 x 65 mm
 Frame only, folding type, 280 x 280 mm



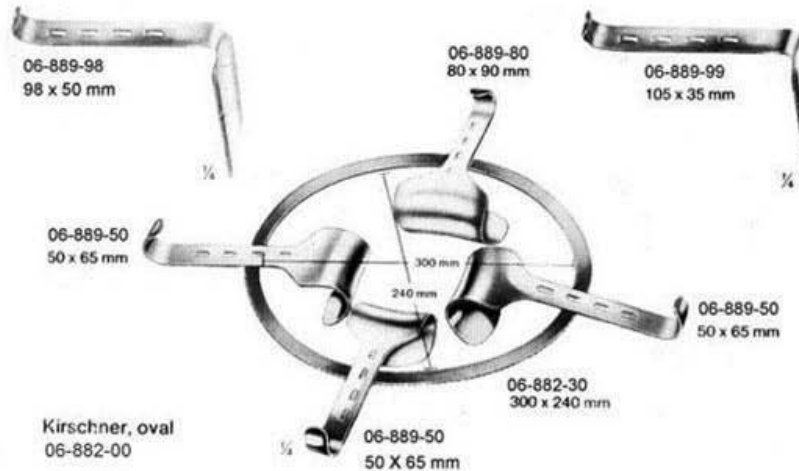
15 x 55 mm

10.5 cm 4 1/4"
 06-880-06
 Retractors only



85 cm / 34"
 06-880-10

06-880-11
 06-880-12
 Weight (lightweight) 250 grs.
 ditto (heavy), 400 grs.



06-889-98
 98 x 50 mm

06-889-80
 80 x 90 mm

06-889-99
 105 x 35 mm

06-889-50
 50 x 65 mm

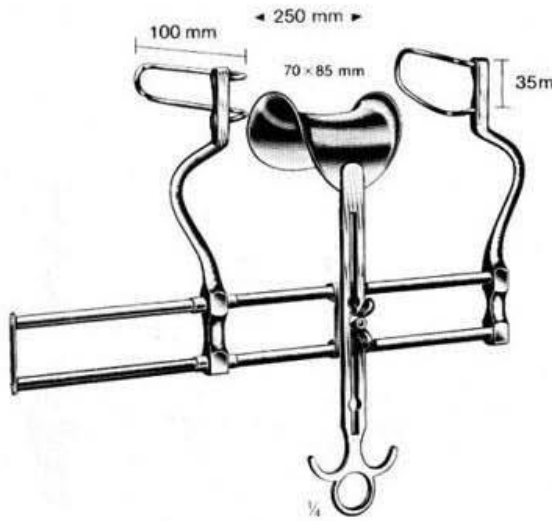
06-889-50
 50 x 65 mm

Kirschner, oval
 06-882-00

06-882-30
 300 x 240 mm

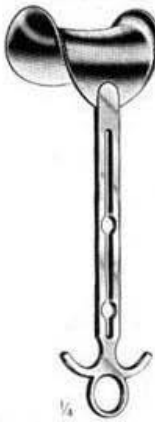
06-889-50
 50 X 65 mm

06-882-00 - Kirschner Abdominal Retractor, oval,
 complete, consisting of:
 06-882-30 - 1 Frame, 300 x 240 mm
 06-889-50 - 3 Hook-on retractors, 50 x 65 mm
 06-889-80 - 1 ditto, 80 x 90 mm
 06-889-98 - 1 ditto, 98 x 50 mm
 06-889-99 - 1 ditto, 105 x 35 mm
 06-882-30 - Frame only, 300 x 240 mm.
 Hook on retractors see bottom of page
 Measurements of Blades Depth x width



Balfour
06-858-00

Centre Blade only



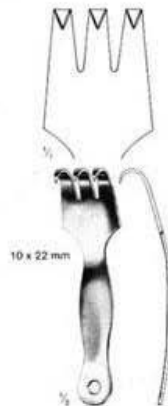
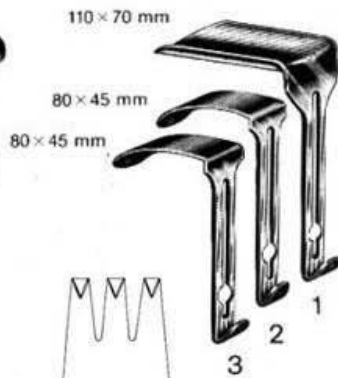
Balfour	
06-859-01	45 x 80 mm
06-859-02	70 x 85 mm
06-859-03	80 x 90 mm



Quervain
06-864-00
Measurements of Blades Depth x width



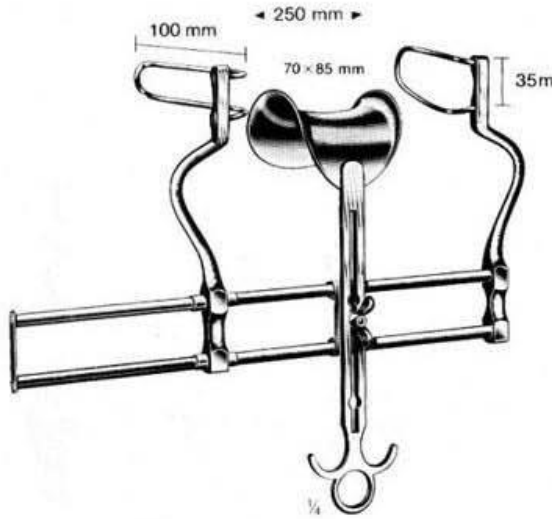
O'Sullivan-O'Connor
06-868-00



10.5 cm / 4 1/2"
06-880-03
Retractors only

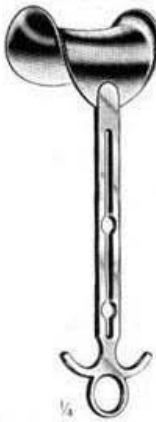


Doyen
06-879-01 55 x 95 mm
06-879-02 55 x 105 mm
06-879-03 55 x 115 mm
06-879-04 55 x 125 mm



Balfour
06-858-00

Centre Blade only



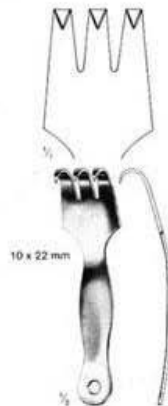
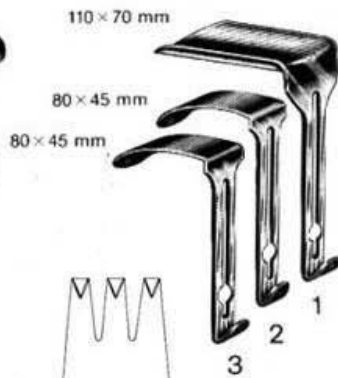
Balfour	
06-859-01	45 x 80 mm
06-859-02	70 x 85 mm
06-859-03	80 x 90 mm



Quervain
06-864-00
Measurements of Blades Depth x width



O'Sullivan-O'Connor
06-868-00



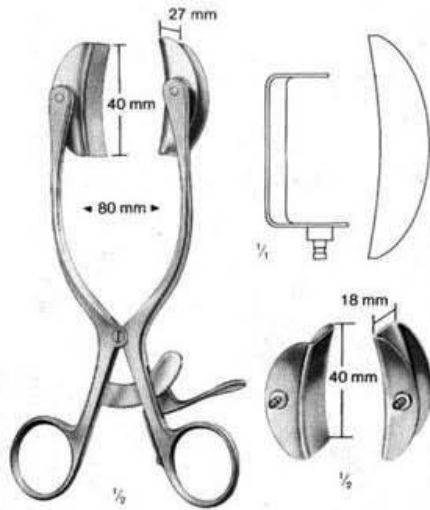
10.5 cm / 4 1/2"
06-880-03
Retractors only



Blade only

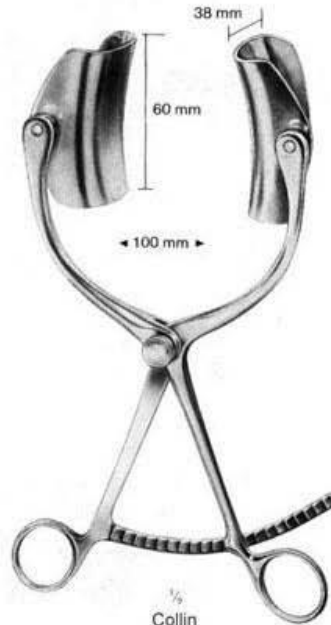
Doyen

06-879-01	55 x 95 mm
06-879-02	55 x 105 mm
06-879-03	55 x 115 mm
06-879-04	55 x 125 mm

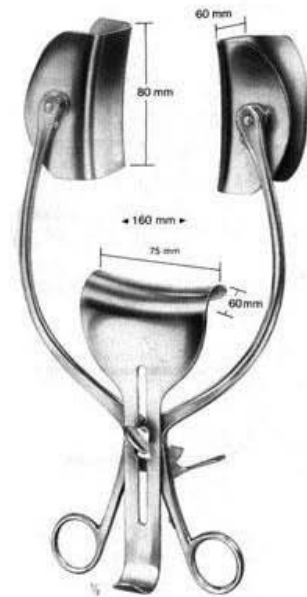


Baby-Collin
06-820-00

Complete, With 2 pairs of blades



Collin
06-822-22

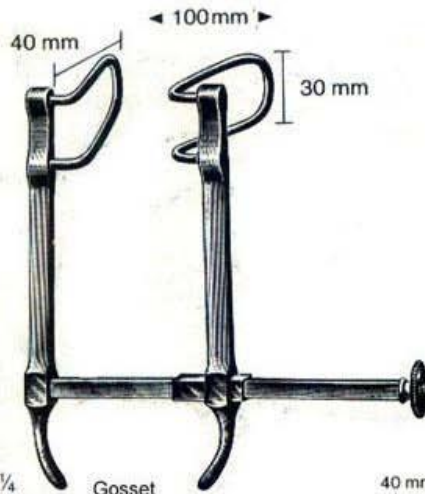


Collin-Loktite
06-826-00



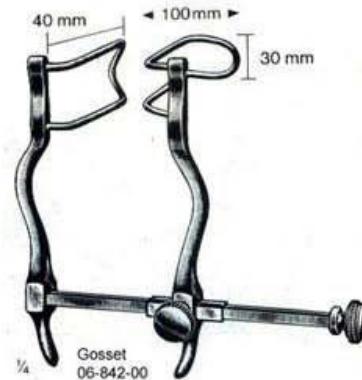
Measurements see below

Robin-Masse Lateral Blades Central Blades opening width
06-836-00 = 40 x 80 mm / 40 x 55 mm 160 mm
Ricard
06-838-00 = 80 x 90 mm / 80 x 90 mm 300 mm
Measurements of Blades Depth x width

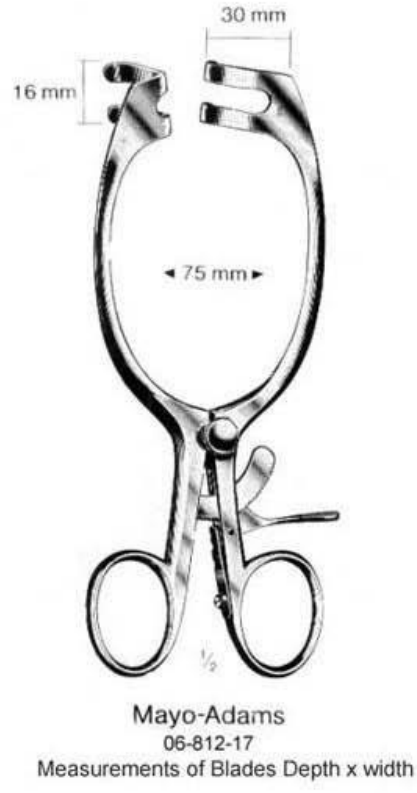


Gosset
06-840-00

Measurements of Blades Depth x width



Gosset
06-842-00





1/2
Kocher

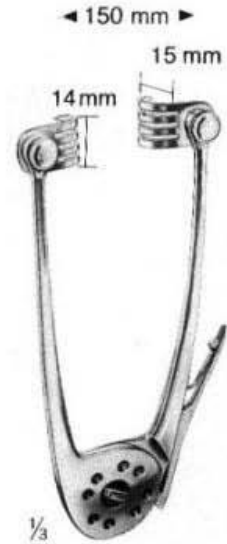
Total length	Blade	cm	in.	mm
06-471-01	25	10	80 × 45	
06-471-02	25	10	80 × 55	
06-471-03	25	10	80 × 65	



64 × 60 mm

1/2

Tuffier
23 cm / 9"
06-481-23

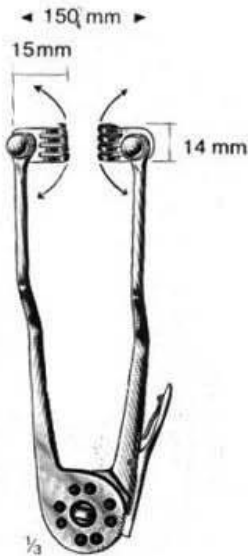


◀ 150 mm ▶

14 mm
15 mm

1/3

Kocher
16 cm / 6 1/4"
06-780-16

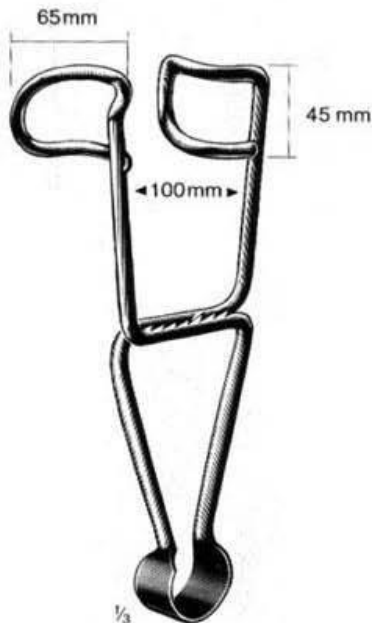


◀ 150 mm ▶

15 mm
14 mm

1/3

Crotti
18,5 cm / 7 1/4"
06-782-18



65 mm

45 mm

1/3

Dartigues
06-800-26



◀ 100 mm ▶

1/3

Gelpi-Loktite
15-802-18
(Perineum)



Doyen-Stille

Total length		Blade	
cm	in.	mm	
20	8	90 x 28	06-401-01
21	8 1/4	105 x 30	06-401-02
22	8 3/4	120 x 52	06-401-03



06-441-01
45 x 45 mm

06-441-03
55 x 70 mm

Middeldorf
25.5 cm/ 10"
06-441-02



40 x 40 mm

Fritsch
24 cm/ 9 1/2"
06-451-24



Measurements of retractors: Depth x width



Fritsch
Total length Blade

	cm	in	mm
06-453-01	24	9 1/2	45 x 40
06-453-02	24	9 1/2	45 x 50
06-453-03	24	9 1/2	45 x 60
06-453-04	24	9 1/2	45 x 75



50 x 85 mm

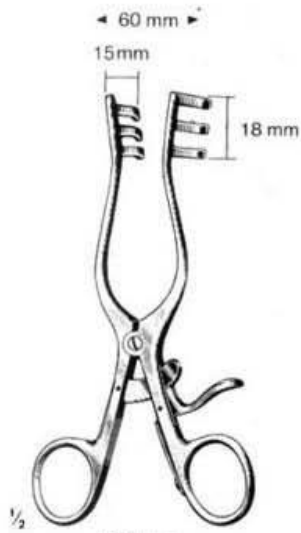
Doyen
25 cm/ 10"
06-461-12

Measurements of retractors: Depth x width

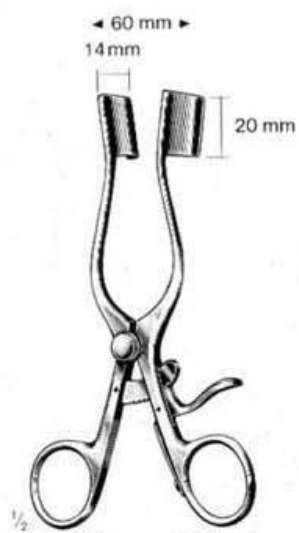


70 x 25 mm

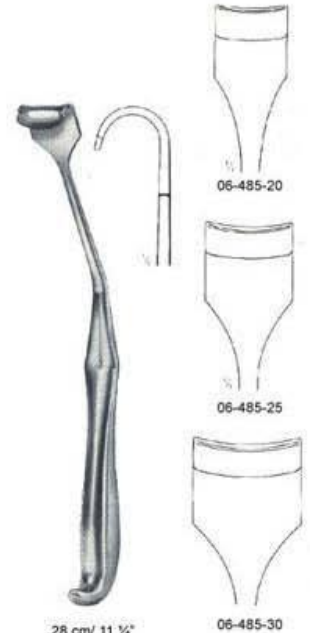
Kocher
22.5 cm/ 9"
06-469-22



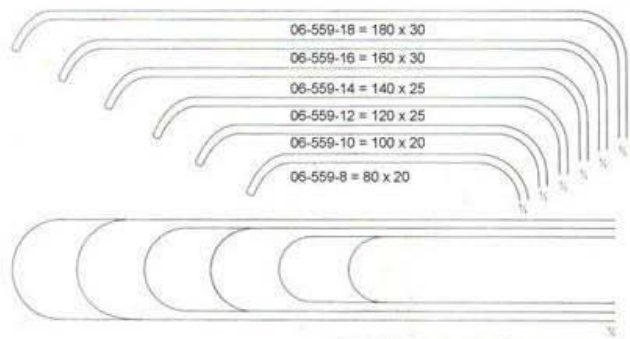
Milligan
blunt cm in.
06-765-13 13.0 5



Weitlaner-Baby
13 cm / 5"
06-767-13



06-489-03
19 cm / 7 1/4"
Measurements of retractors: Depth x width

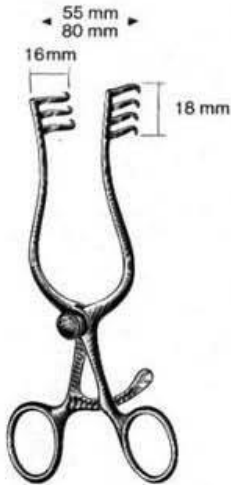


06-559-18 = 180 x 30
06-559-16 = 160 x 30
06-559-14 = 140 x 25
06-559-12 = 120 x 25
06-559-10 = 100 x 20
06-559-8 = 80 x 20

Measurements of retractors: Depth x width

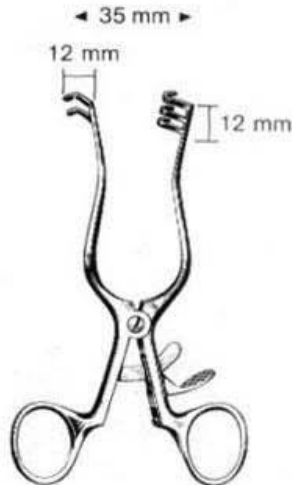


Brunner
06-559-08 - 18
25 cm / 10"



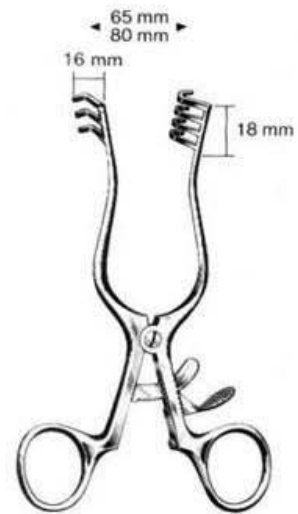
Weitlaner

sharp	cm	in.	blunt
06-744-13	13.0	5	06-745-13
06-744-16	16.5	6½	06-745-16



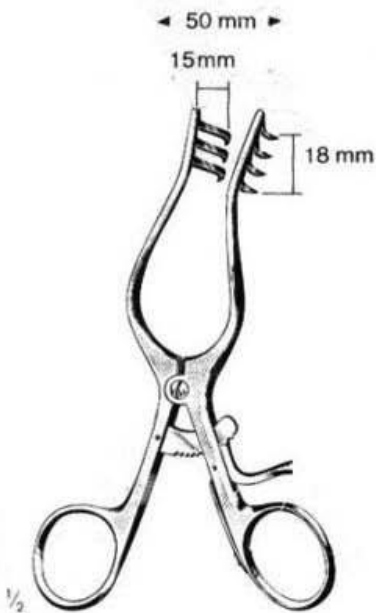
Weitlaner-Loktite

Sharp	cm	in.	blunt
06-748-10	10.5	4¼"	06-749-10



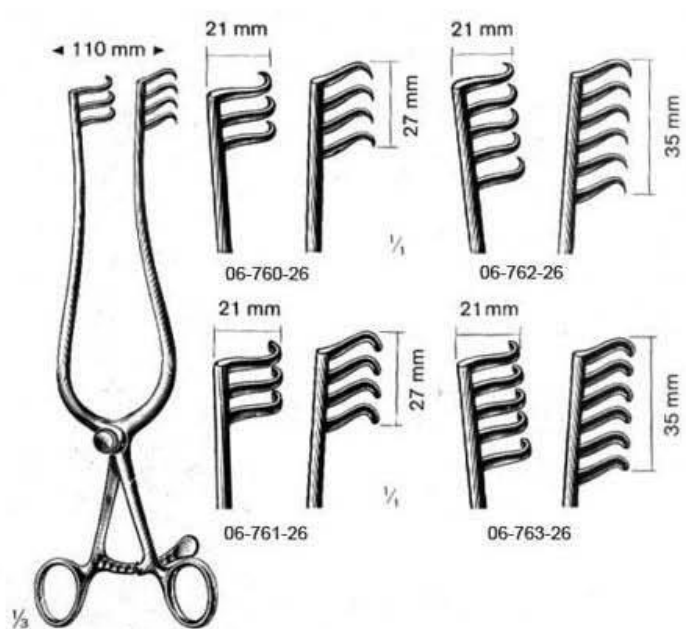
Weitlaner-Loktite

Sharp	cm	in.	blunt
06-750-13	13.0	5	06-751-13
06-750-16	16.5	6½	06-751-16



Weitlaner-Wullstein

shrap	cm	in.	blunt
6-752-13	13.0	5	06-753-13



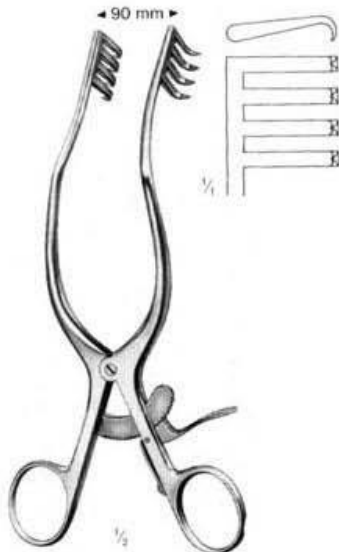
Weitlaner

sharp	cm	in.	blunt
06-760-26	26.0	10¼	06-761-26

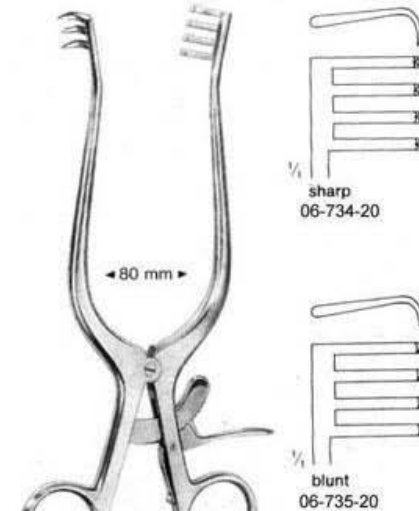
sharp	cm	in.	blunt
06-762-27	27.0	10½	06-763-27



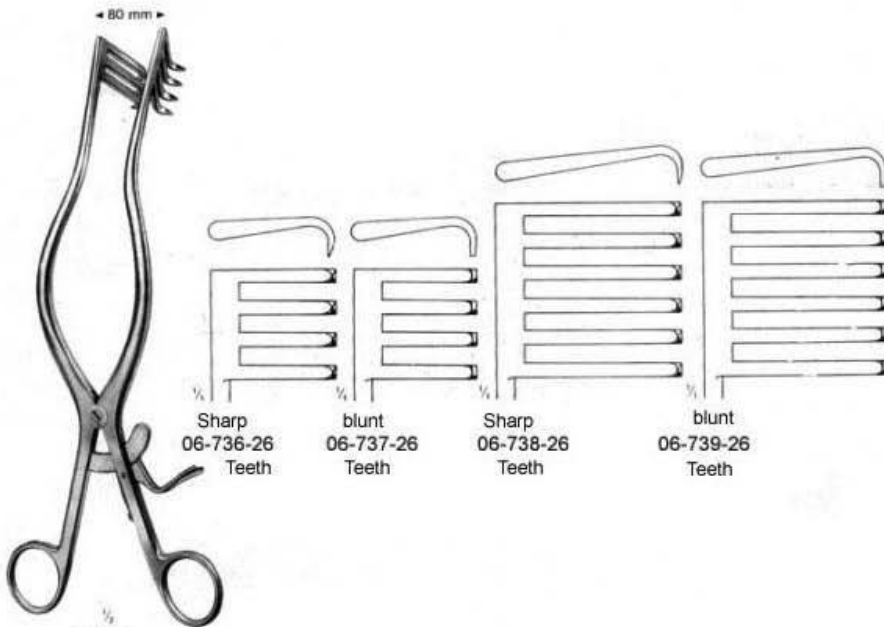
Jansen
10 cm/4"
blunt
06-723-10



Anderson-Adson
19.5 cm/8"
06-732-20



Weitlaner
20 cm/8"
06-734-20



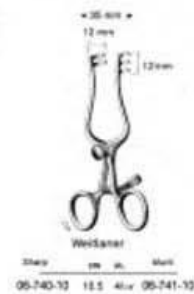
Adson
26.5 cm 10 1/2"

Sharp
06-736-26
Teeth

blunt
06-737-26
Teeth

Sharp
06-738-26
Teeth

blunt
06-739-26
Teeth



Weitlaner
Sharp 35 mm 12 mm
blunt
06-740-10 11.5 40x 06-741-10

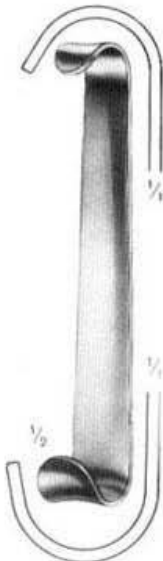


Fig. 2 = 22 x 15 mm
Fig. 1 = 19 x 15 mm

Baby-Roux
03 cm / 5 1/4"
06-669-13

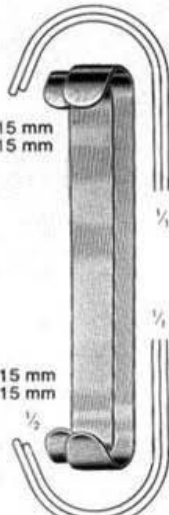


Fig. 1 = 19 x 15 mm
Fig. 2 = 22 x 15 mm

Parker
13,5 cm / 5 1/4"
06-673-01 Set
06-673-11 Fig. 1
06-673-12 Fig. 2



Fig. 2 = 27 x 25 mm
Fig. 1 = 24 x 25 mm

Fig. 1 = 26 x 25 mm
Fig. 2 = 29 x 25 mm

Parker
18 cm / 7"

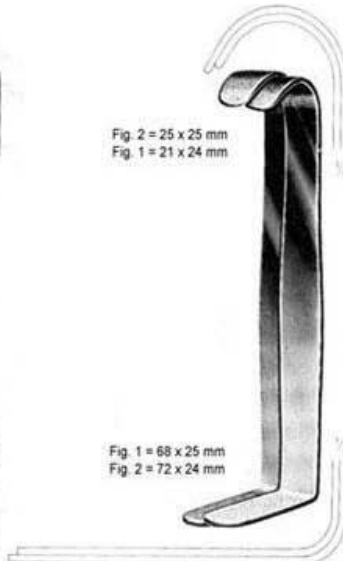


Fig. 2 = 25 x 25 mm
Fig. 1 = 21 x 24 mm

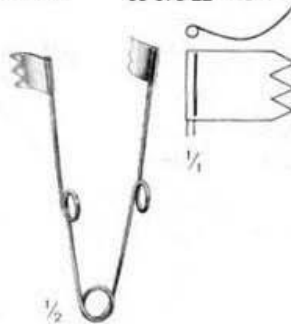
06-675-00 Set
06-675-01 Fig. 1
06-675-02 Fig. 2
Parker-Mott
16 cm / 6 1/4"



Fig. 2 = 47 x 13 mm
Fig. 1 = 42 x 13 mm

Mathieu
20 cm / 8"
06-683-00 Set
06-683-01 Fig. 1
06-683-02 Fig. 2

Fig. 1 = 42 x 26 mm
Fig. 2 = 46 x 26 mm



Alm
sharp blunt

06-712-08
8 cm / 3 1/4"

06-714-07
06-714-10

06-715-07 7 cm / 2 3/4"
06-715-10 10 cm / 4"

semi-sharp
06-716-10
10 cm / 4"



blunt
06-171-10
10 cm / 4"



Jansen
10 cm / 4"
blunt
06-720-10



Jansen
10 cm / 4"
with 1 sharp and 2 blunt prongs each
06-721-10

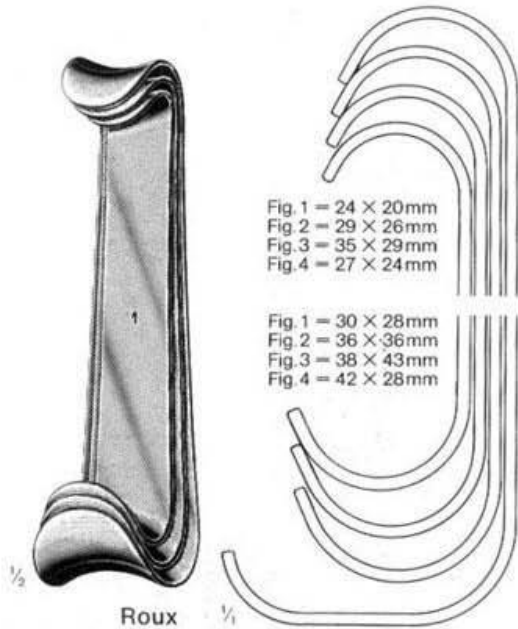


Fig. 1 = 24 × 20mm
Fig. 2 = 29 × 26mm
Fig. 3 = 35 × 29mm
Fig. 4 = 27 × 24mm

Fig. 1 = 30 × 28mm
Fig. 2 = 36 × 36mm
Fig. 3 = 38 × 43mm
Fig. 4 = 42 × 28mm

Roux

- 06-655-00 Set Fig. 1-3
- 06-655-01 Fig. 1 = 14 cm / 5½"
- 06-655-02 Fig. 2 = 15 cm / 6"
- 06-655-03 Fig. 3 = 17 cm / 6¾"
- 06-655-04 Fig. 4 = 18 cm / 7"

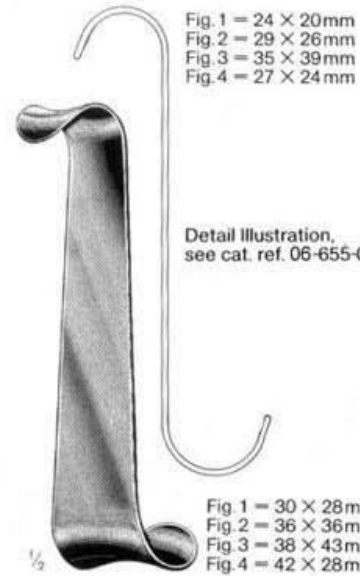


Fig. 1 = 24 × 20mm
Fig. 2 = 29 × 26mm
Fig. 3 = 35 × 39mm
Fig. 4 = 27 × 24mm

Detail Illustration,
see cat. ref. 06-655-00

Fig. 1 = 30 × 28mm
Fig. 2 = 36 × 36mm
Fig. 3 = 38 × 43mm
Fig. 4 = 42 × 28mm

Roux-Magnus

- 06-659-00 Set Fig. 1-3
- 06-659-01 Fig. 1 = 14 cm / 5½"
- 06-659-02 Fig. 2 = 15 cm / 6"
- 06-659-03 Fig. 3 = 17 cm / 6¾"
- 06-659-04 Fig. 4 = 18 cm / 7"

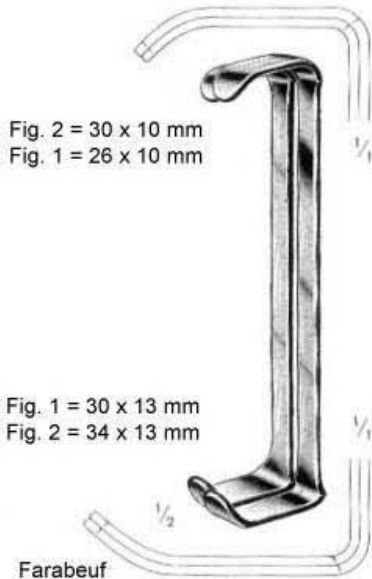


Fig. 2 = 30 x 10 mm
Fig. 1 = 26 x 10 mm

Fig. 1 = 30 x 13 mm
Fig. 2 = 34 x 13 mm

Farabeuf
12 cm / 4 ¾"

- Set = 06-663-00
- Fig. 1 06-663-01
- Fig. 2 06-663-02

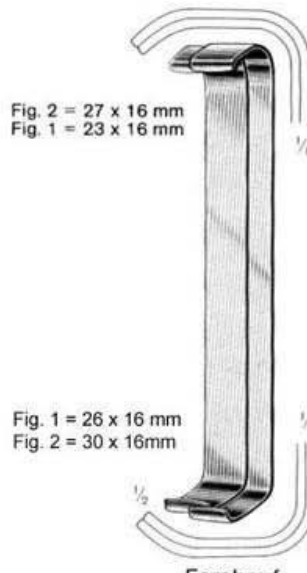
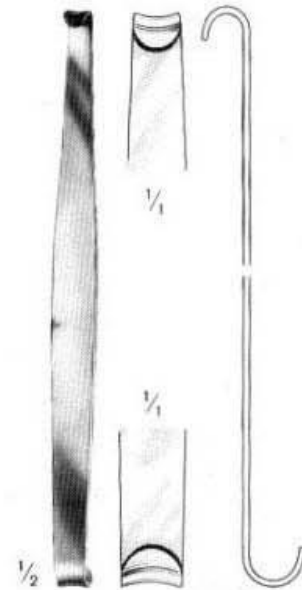


Fig. 2 = 27 x 16 mm
Fig. 1 = 23 x 16 mm

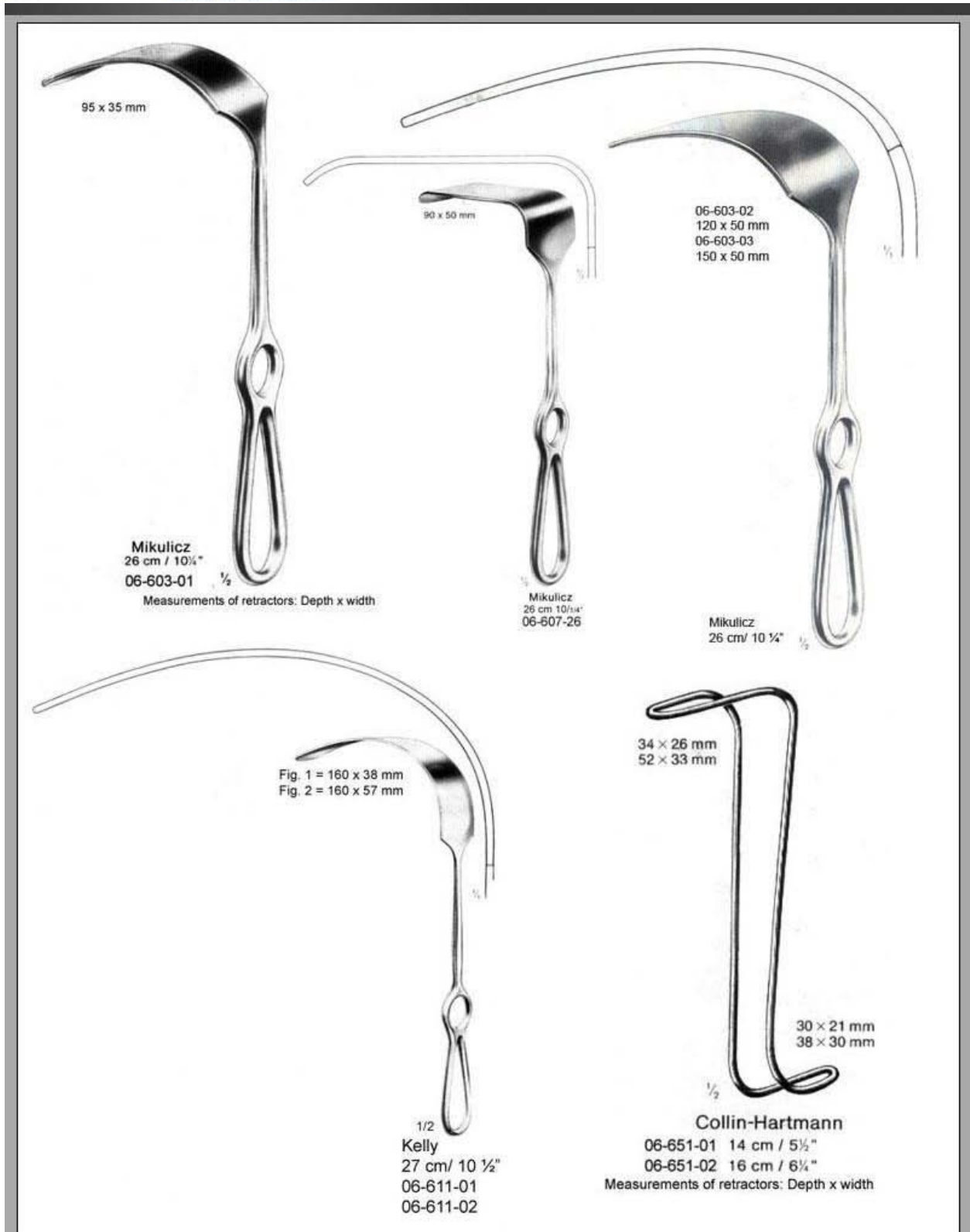
Fig. 1 = 26 x 16 mm
Fig. 2 = 30 x 16 mm

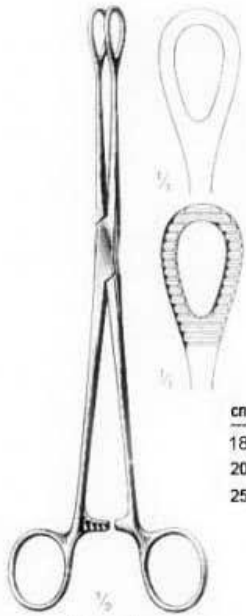
Farabeuf
15 cm / 6"

- 06-665-00 Set
- 06-665-01 Fig. 1
- 06-665-02 Fig. 2

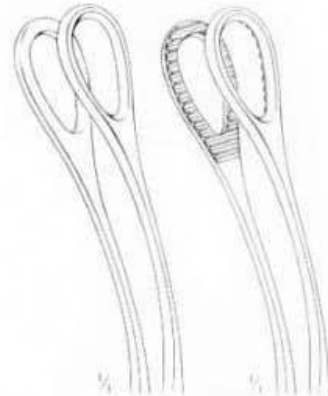
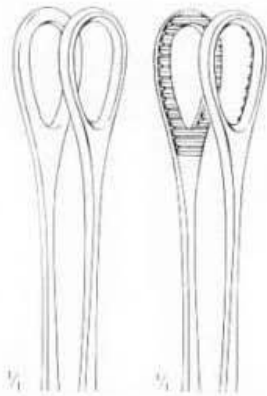


Mini-Roux
06-667-06

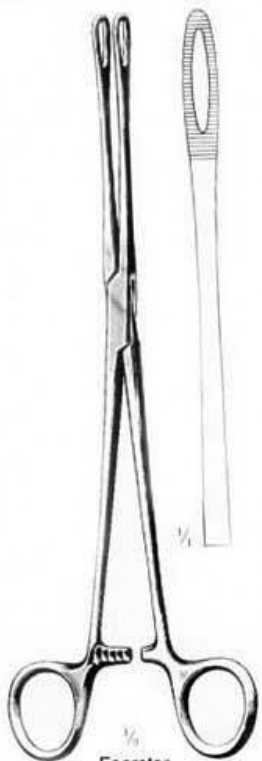




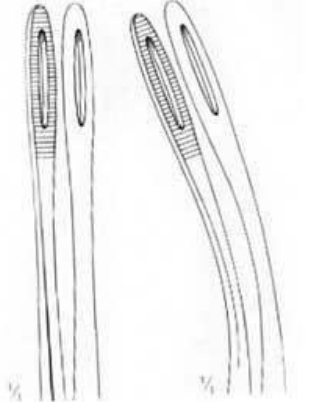
Foerster



cm	in				
18.0	7		05-352-18		05-355-18
20.0	8		05-352-20		05-355-20
25.0	10	05-350-25	05-352-25	05-353-25	05-355-25



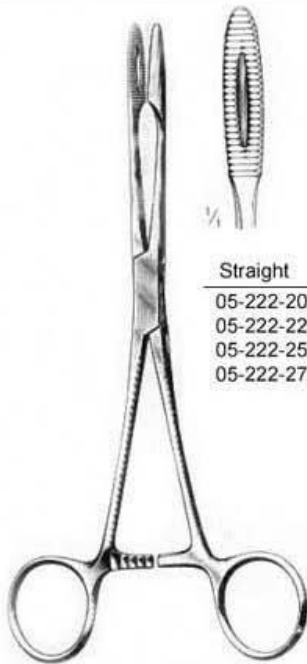
Foerster
25- cm / 10"



05-360-25 Narrow 05-361-25

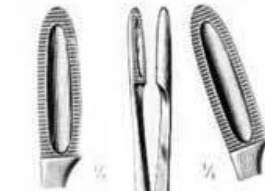


Rampley
05-370-25
25 cm / 10"



Gross-Maier
20 cm / 8"

Straight			Curved		
	cm	in		cm	in
05-222-20	20	8	05-223-20	20	8
05-222-22	22	8 ³ / ₄	05-223-22	22	8 ³ / ₄
05-222-25	25	10	05-223-25	25	10
05-222-27	27	10 ¹ / ₂	05-223-27	27	10 ¹ / ₂



05-244-28

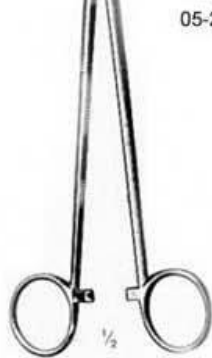
05-245-28



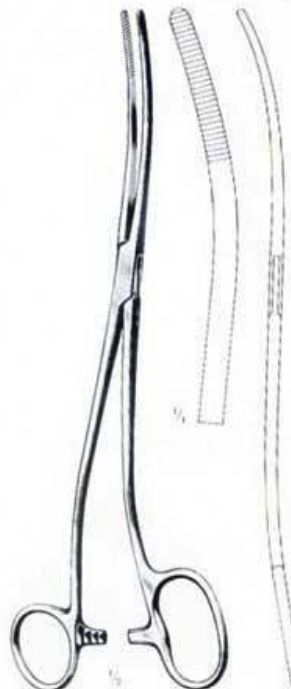
Sims-Maier
28 cm / 11"



05-261-25



Pelkmann
05-260-25
25 cm / 10"



Bozemann-Douglas
05-315-26
26 cm 10¹/₄"



05-100-22 = 22 cm / 8^{3/4}"
 05-100-25 = 25 cm / 10"
 05-100-27 = 27 cm / 10^{3/4}"
 Cotton Swab Forceps, with wide cross-toothing and longitudinal serrations in the jaw, straight



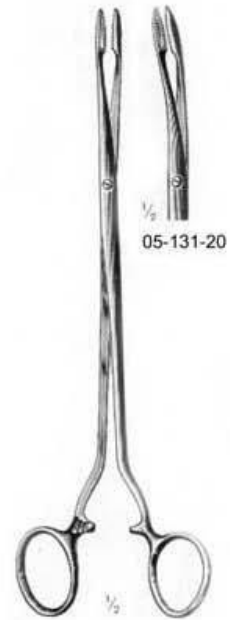
Ulrich



Ulrich
 05-101-22 = 22 cm / 8^{3/4}"
 05-101-25 = 25 cm / 10"
 05-101-27 = 27 cm / 10^{3/4}"
 ditto, curved



Ulrich



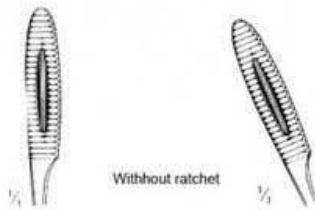
05-131-20

Duplay
 05-130-20
 20 cm / 8"

Duplay

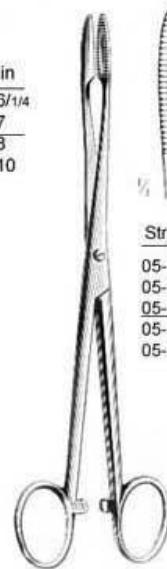


Gross-Maier

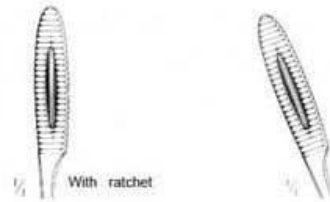


Without ratchet

	Straight		Curved	
	cm	in	cm	in
05-144-16	16	6 ^{1/4}	05-145-16	16 6 ^{1/4}
05-144-18	18	7	05-145-18	18 7
05-144-20	20	8	05-145-20	20 8
05-144-25	25	10	05-145-25	25 10

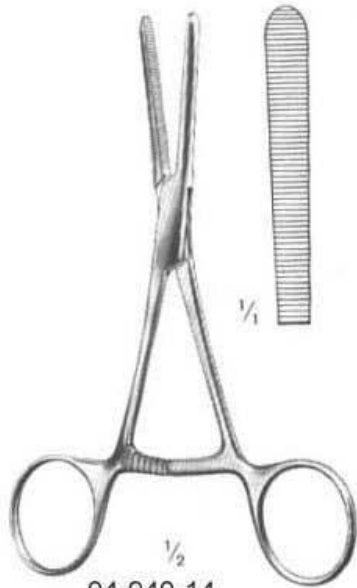


Gross-Maier

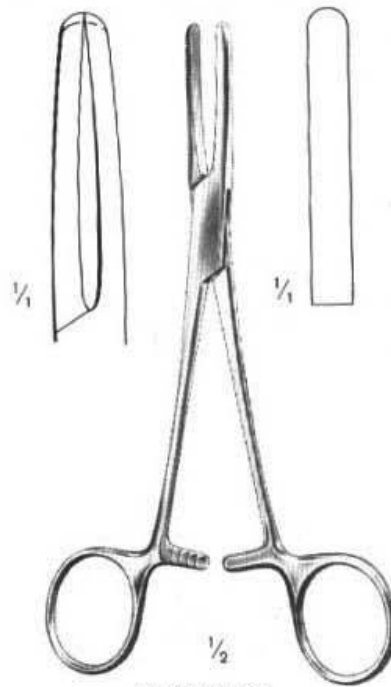


With ratchet

	Straight		Curved	
	cm	in	cm	in
05-146-14	14.5	5 ^{1/2}	05-147-14	14.5 5 ^{1/2}
05-146-16	16	6 ^{1/4}	05-147-16	16 6 ^{1/4}
05-146-18	18	7	05-147-18	18 7
05-146-20	20	8	05-147-20	20 8
05-146-25	25	10	05-147-25	25 10



04-940-14
14.5 cm / 5 3/4"
with extra long ratchet



04-942-16
16.5 cm / 6 1/2"



1/2
Schaedel
04-875-09
9 cm / 3 1/2"



1/2
Engl. Modell
04-877-09
9 cm / 3 1/2"



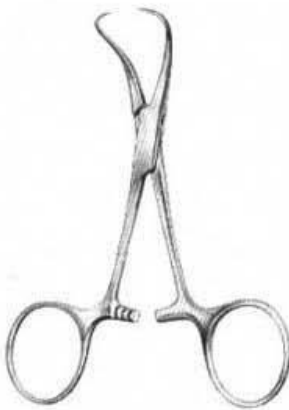
Jones
04-881-05 = 5 cm / 2"
04-881-09 = 9 cm / 3 1/2"



1/2
Doyen
04-891-11
11 cm / 4 1/2"



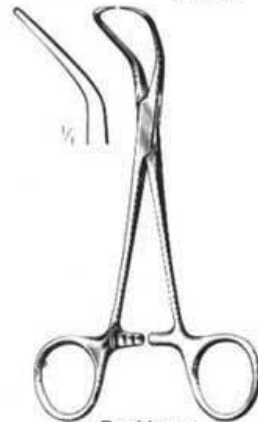
1/2
Doyen
04-893-18
18 cm / 7"



04-909-11 = 11 cm / 4 1/2"
04-909-13 = 13 cm / 5"
delicate pattern



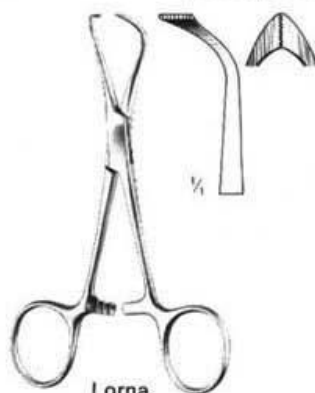
1/2
4-913-11
11 cm / 4 1/2"
with clip for tubing or cable



1/2
Backhaus
04-915-08 = 8 cm / 3 1/4"
04-915-11 = 11 cm / 4 1/2"
04-915-13 = 13 cm / 5"
04-915-15 = 15 cm / 6"



Roeder
04-917-13 = 13 cm / 5"
04-917-15 = 15 cm / 6"



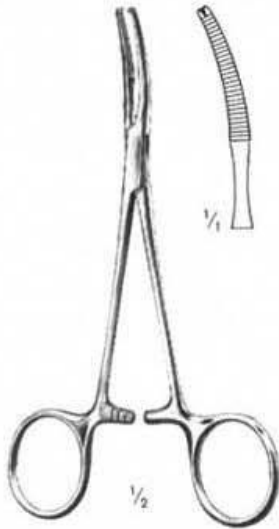
Lorna
04-919-10 = 10 cm / 4"
04-919-13 = 13 cm / 5"



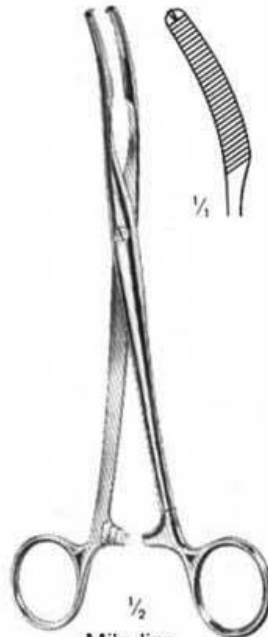
1/2
Bernhard
04-921-16
16.5 cm / 6 1/2"



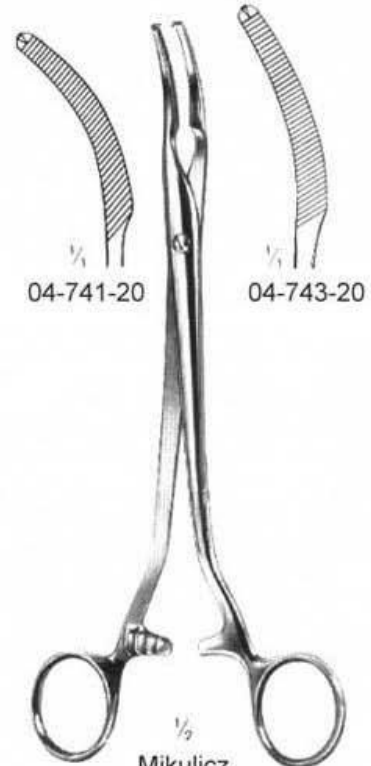
1/2
Lane
04-935-20
20 cm / 8"



Baby-Mikulicz
 04-721-14
 14 cm / 5 1/2"

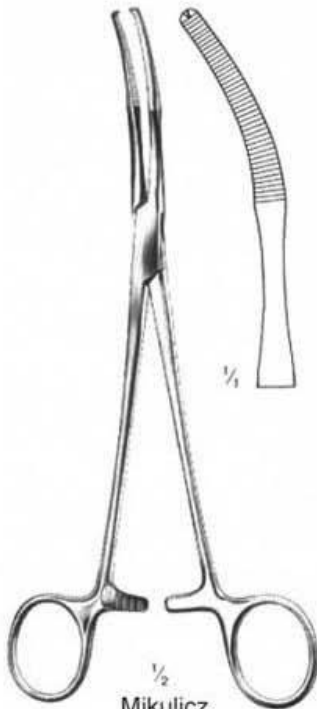


Mikulicz
 04-737-18
 18 cm / 7"
 1 : 2
 Peritoneal Clamp Forceps

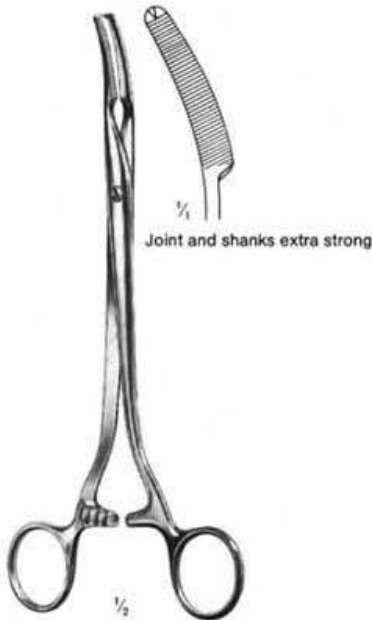


04-741-20 04-743-20

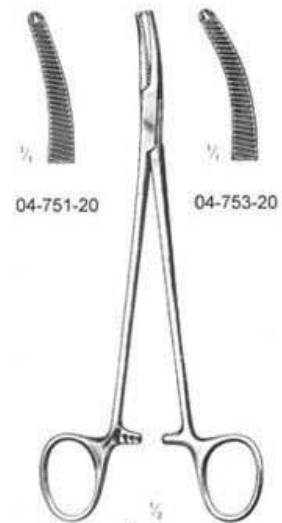
Mikulicz
 20 cm / 8"
 1 : 2
 peritoneal Clamp Forceps



Mikulicz
 04-745-20
 20 cm / 8"
 1 : 2

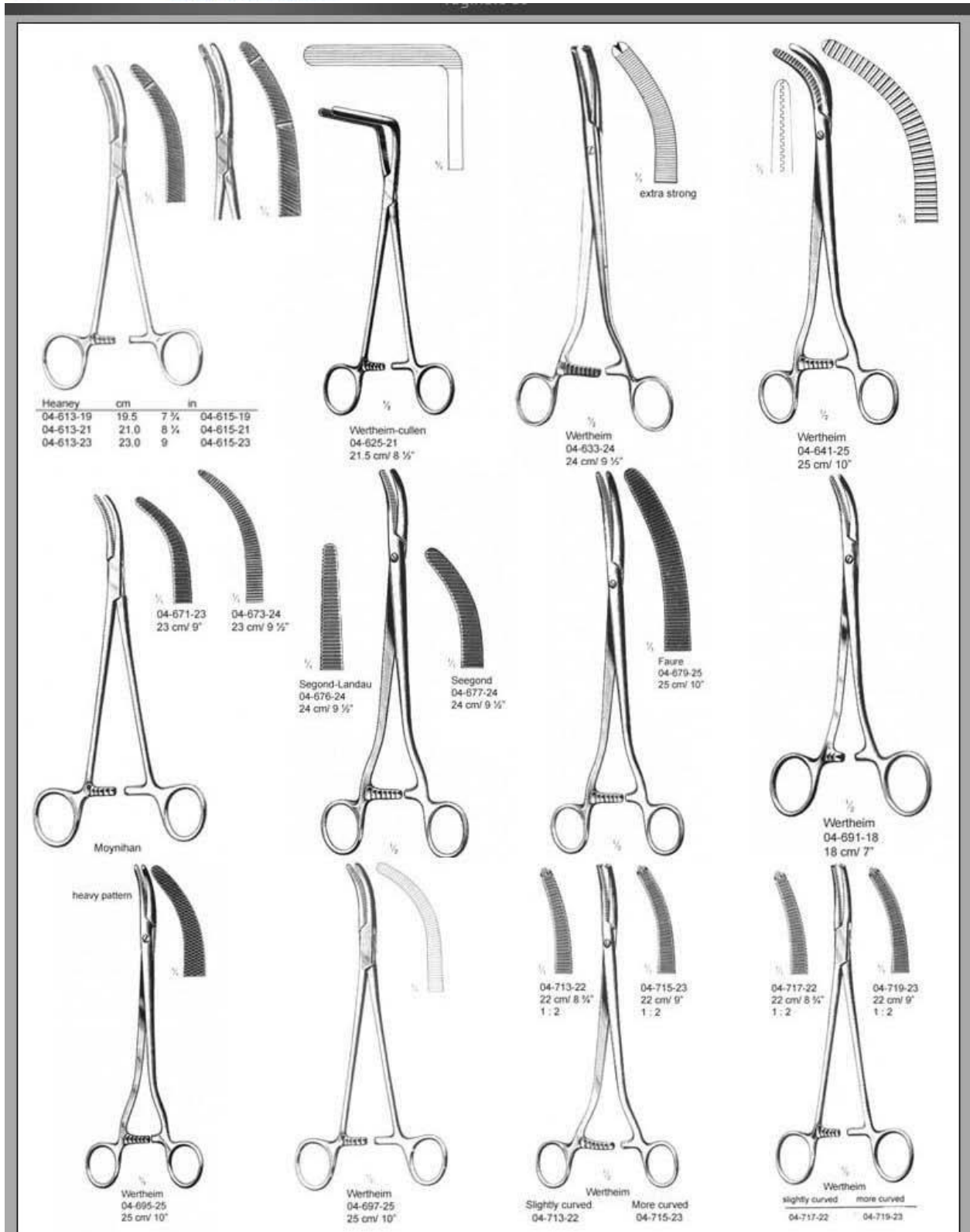


Mikulicz
 04-747-21
 20,5 cm / 8"
 Peritoneal Clamp Forceps



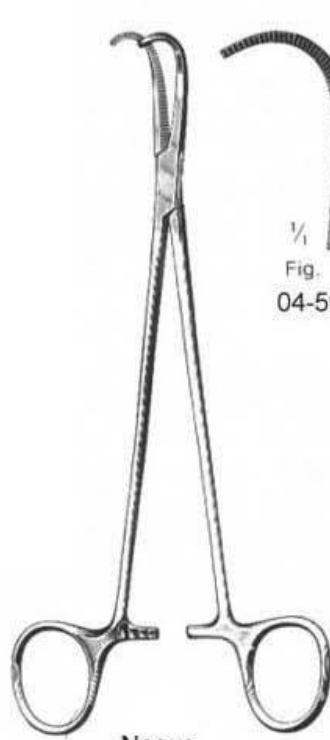
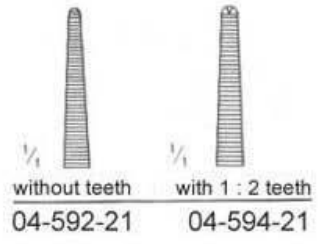
04-751-20 04-753-20

Faure
 20 cm / 8"
 1 : 2
 Peritoneal Clamp Forceps

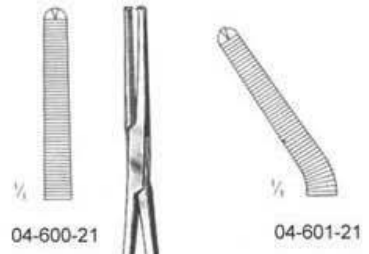
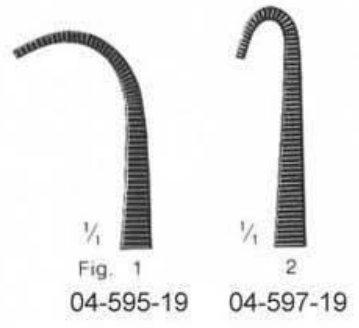




$\frac{1}{2}$
Hosemann
 21 cm/ 8 $\frac{1}{4}$ "



Negus
 19 cm/ 7 $\frac{1}{2}$ "



$\frac{1}{2}$
Phaneuf
 21.5 cm/ 8 $\frac{1}{2}$ "
 1 : 2



$\frac{1}{3}$
 Gray

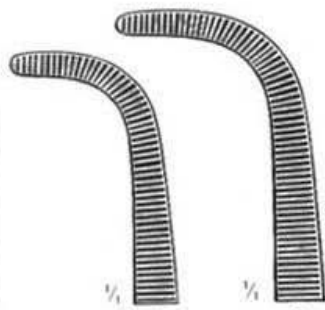


Fig. 1 2
 04-561-22 04-563-23
 22 cm / 8 $\frac{3}{4}$ " 23 cm / 9"
 Gall Duct Clamps



$\frac{1}{3}$
 Gray
 1:2



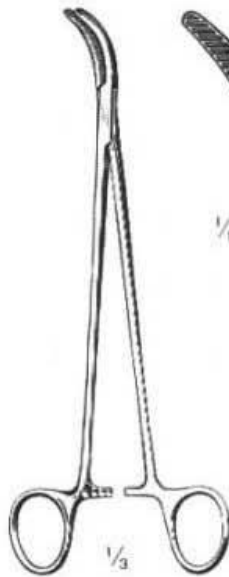
Fig. 1 2
 04-565-22 04-467-23
 22 cm / 8 $\frac{3}{4}$ " 23 cm / 9"
 Gall Duct Clamps



$\frac{1}{3}$
 Desjardins
 04-571-21
 21 cm / 8 $\frac{1}{4}$ "
 Gall Duct Clamps



$\frac{1}{4}$



$\frac{1}{3}$
 Desjardins
 04-573-21
 21 cm / 8 $\frac{1}{4}$ "
 Gall Duct Clamps



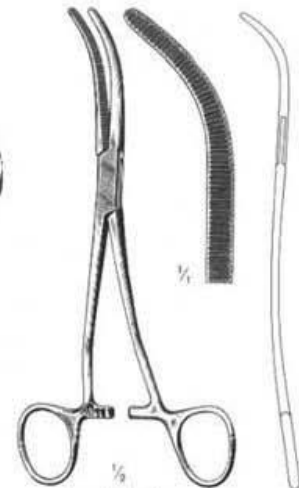
$\frac{1}{4}$



$\frac{1}{3}$
 Crile
 04-575-20
 20 cm / 8"
 Gall Duct Clamps

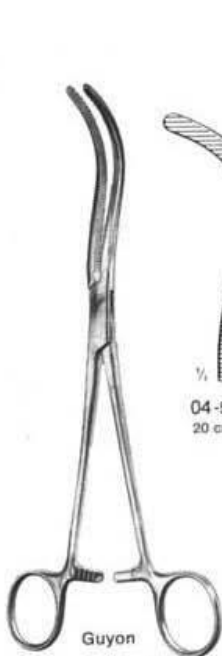


$\frac{1}{4}$

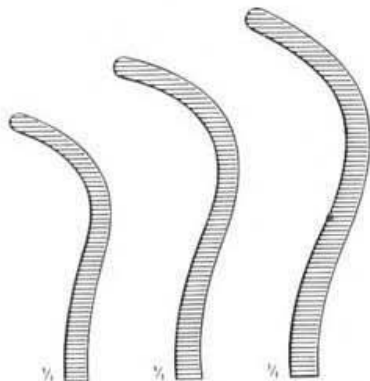


$\frac{1}{3}$
 Dean-Shallcross
 04-587-18
 18 cm / 7"
 Haemostatic Forceps

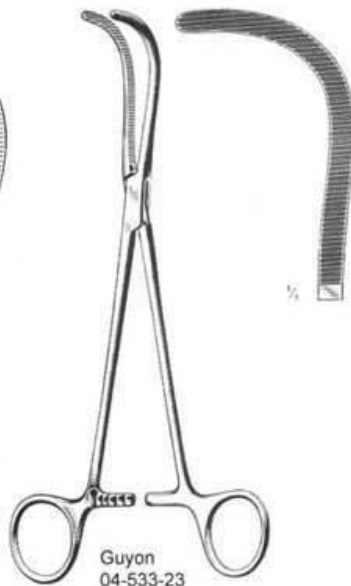
$\frac{1}{4}$



Guyon
 Kidney Pedicle Clamps



04-531-20
 20 cm / 8"
 04-531-22
 22 cm / 8 1/2"
 04-531-24
 24 cm / 9 1/2"



Guyon
 04-533-23
 23 cm / 9"
 Kidney Pedicle Clamps



Stille
 04-537-23
 23 cm / 9"



Mayo
 04-541-23
 23 cm / 9"



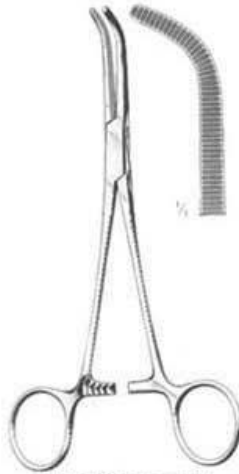
Mayo-Guyon
 04-545-23
 23 cm / 9"
 Kidney pedicle Clamps



Herrick
 04-549-23
 23 cm / 9"
 Kidney Pedicle Clamps



Mixer
 15.5 cm/ 6" = 04-473-15
 19 cm/ 7 1/2" = 04-473-19



Mixer-O Shaugnessy
 15.5 cm/ 6" = 04-479-15
 19 cm/ 7 1/2" = 04-479-19



Mixer
 04-483-22
 22 cm/ 8 1/2"



Mixer
 04-485-23
 23 cm/ 9"



Mixer



Fig. 1
 04-491-22 = 04-493-25 = 04-495-28
 22 cm/ 8 1/2" 25 cm/ 10" 28 cm/ 11"



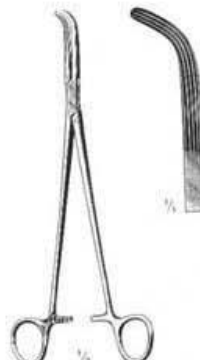
Mc Quigg-Mixer
 04-497-22
 22 cm/ 8 1/2"



Lower
 04-501-18
 18 cm/ 7"



Lahey
 04-511-19
 19 cm/ 7 1/2"



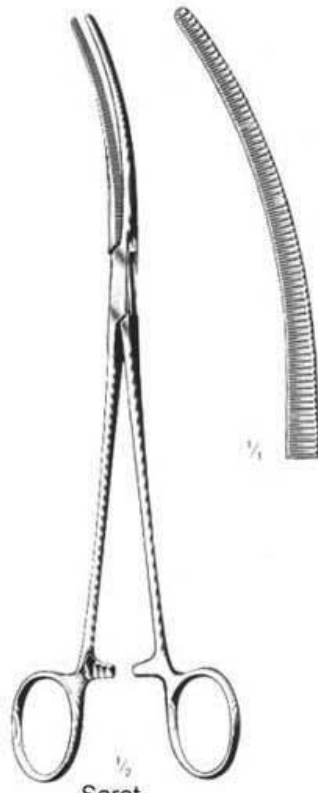
Lahey
 04-513-23
 23 cm/ 9"



Finocchietto
 04-521-24
 24 cm/ 9 1/2"



Sarot
 04-432-24
 24 cm/ 9 1/2"



Sarot
 04-433-24
 24 cm/ 9 1/2"



Crafoord
 04-439-24
 24 cm/ 9 1/2"



Crafoord-Sellors
 04-441-24
 24 cm/ 9 1/2"



04-441-22



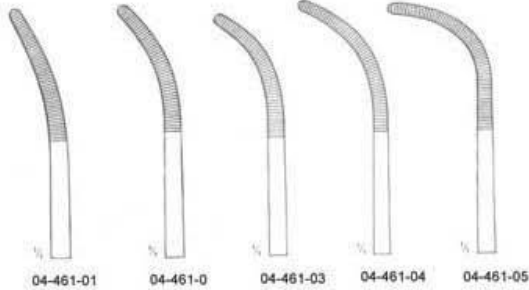
04-441-23



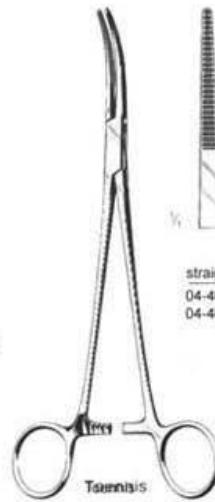
04-441-24



Rumel
04-461-01 = 05
23 cm/ 9"



04-461-01 04-461-0 04-461-03 04-461-04 04-461-05

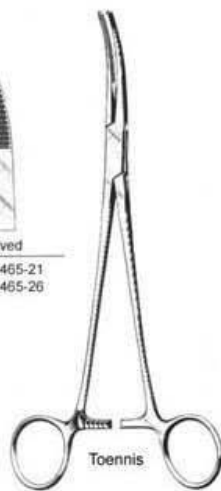


Toennis

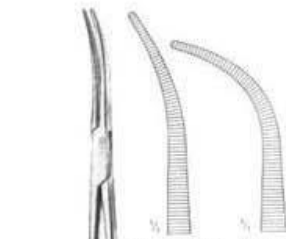


straight	curved	cm	in
04-462-21	04-463-21	21.0	8 1/4"
04-462-26	04-463-26	26.0	10 1/4"

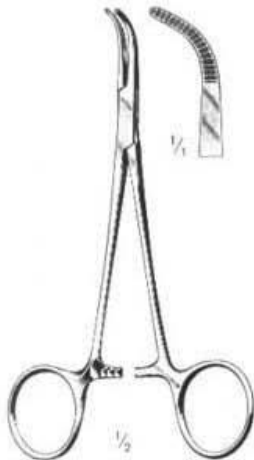
cm	in	straight	curved
21.0	8 1/4"	04-464-21	04-465-21
26.0	10 1/4"	04-464-26	04-465-26



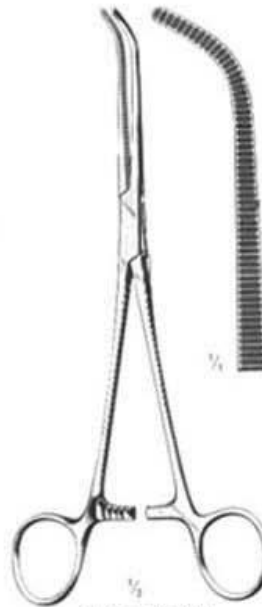
Toennis



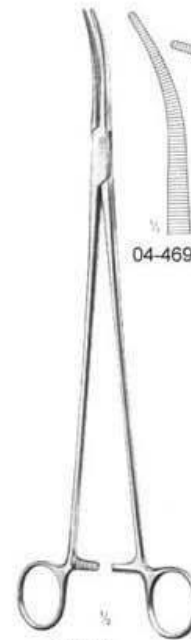
04-469-01 04-469-02



Mixer-Baby
04-471-14
14 cm/ 5 1/2"



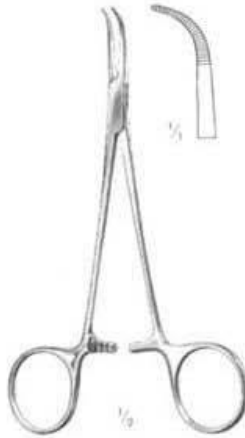
Johns Hopkins
04-467-20
20 cm/ 8"



Zenker
29.5 cm/ 11 1/2"



Baby-Mixer
 04-419-18
 18 cm / 7"



Baby-Adson
 04-421-14
 14 cm / 5 1/2"



Baby-Adson
 04-421-18

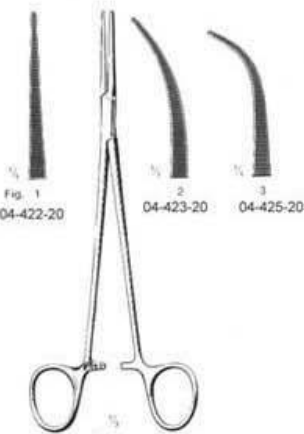


Fig. 1
 04-422-20

Fig. 2
 04-423-20

Fig. 3
 04-425-20

Heiss
 20 cm / 8"



04-427-21

Overholt-Mixer
 21 cm / 8 1/4"

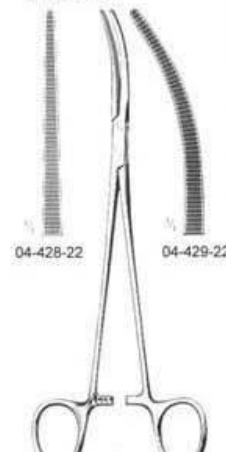


Fig. 1
 04-428-22

Fig. 2
 04-429-22

Roberts
 22 cm / 8 1/2"

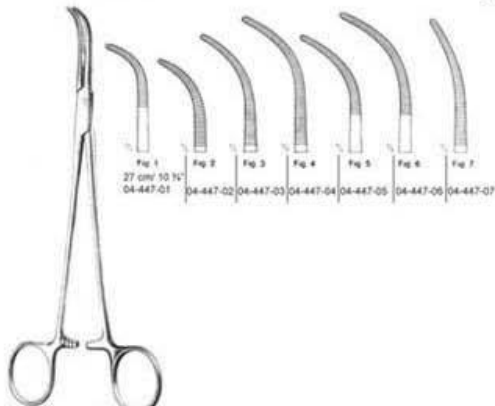


Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

27 cm / 10 1/2"

04-447-01

04-447-02

04-447-03

04-447-04

04-447-05

04-447-06

04-447-07

Overholt-geissendoerfer
 04-447-01 = 04-447-07
 17 cm / 10 1/2"

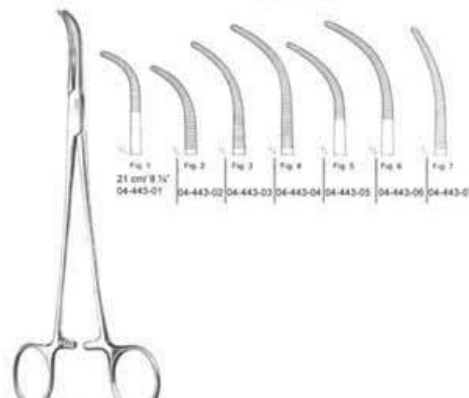


Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

21 cm / 8 1/4"

04-445-01

04-445-02

04-445-03

04-445-04

04-445-05

04-445-06

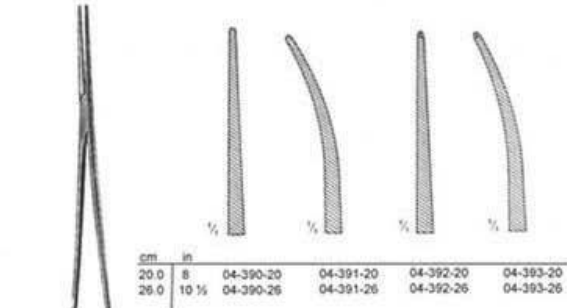
04-445-07

Overholt-geissendoerfer
 04-447-01 = 04-447-07
 27 cm / 8 1/4"



Pean delicate Pattern

straight	cm	in	curved
04-374-13	13	5	04-375-13
04-374-14	14	5 1/2	04-375-14
04-374-16	16	6 1/4	04-375-16



Bengolea
04-390-20 = 04-391-26

cm	in				
20.0	8	04-390-20	04-391-20	04-392-20	04-393-20
26.0	10 1/2	04-390-26	04-391-26	04-392-26	04-393-26

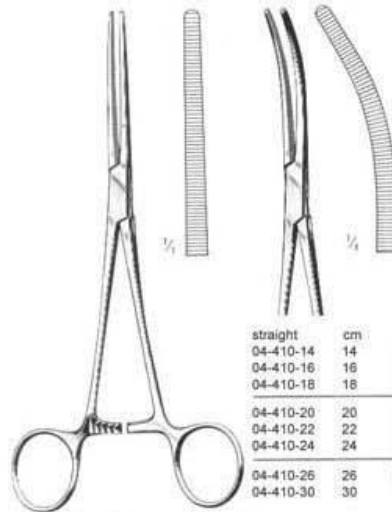


Kocher delicate pattern

straight	1 1/2		curved
cm	in		
04-384-13	13	5	04-385-13
04-384-14	14	5 1/2	04-385-14
04-384-16	16	6 1/4	04-385-16

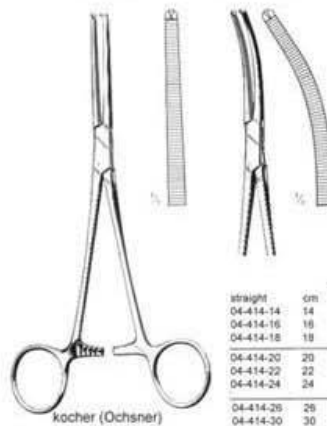


Bengolea
04-392-20 - 04-393-26



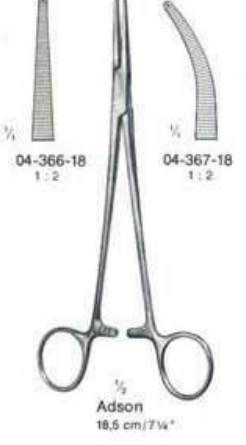
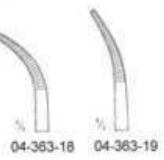
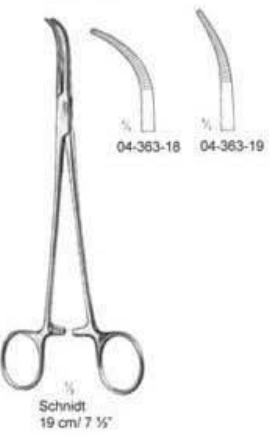
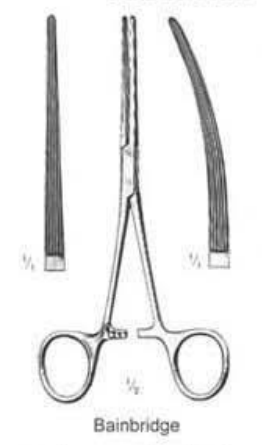
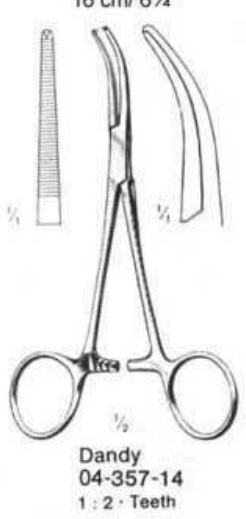
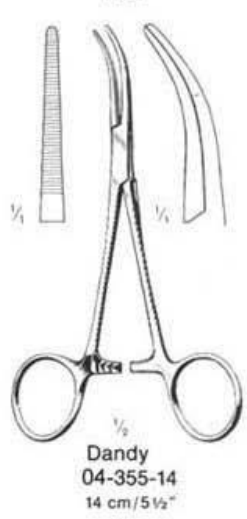
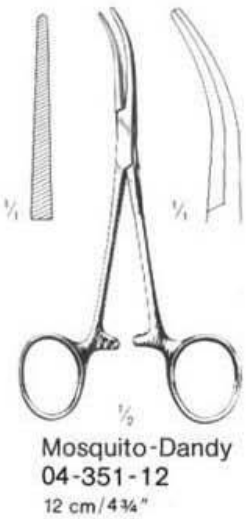
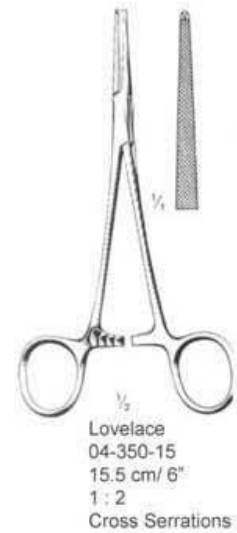
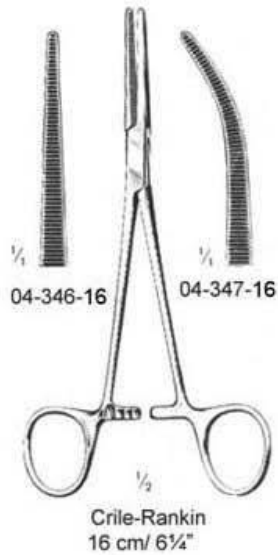
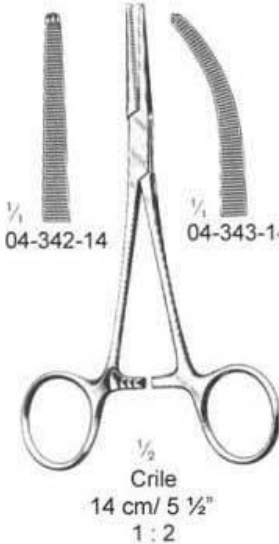
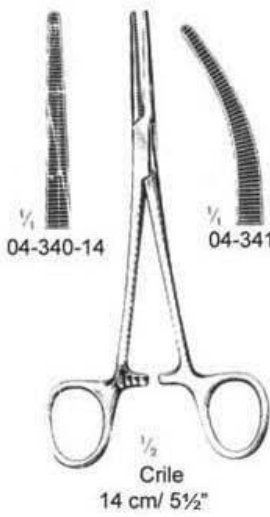
Pean (Rochester)

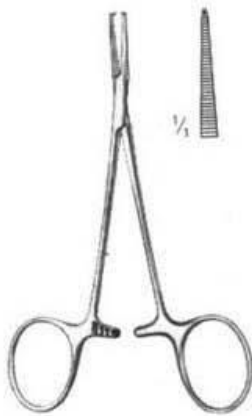
straight	cm	in	curved
04-410-14	14	5 1/2	04-411-14
04-410-16	16	6 1/2	04-411-16
04-410-18	18	7	04-411-18
04-410-20	20	8	04-411-20
04-410-22	22	8 3/4	04-411-22
04-410-24	24	9 1/2	04-411-24
04-410-26	26	10 1/4	04-411-26
04-410-30	30	12	04-411-30



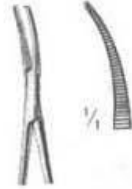
kocher (Ochsner)

straight	1 1/2		curved
cm	in		
04-414-14	14	5 1/2	04-415-14
04-414-16	16	6 1/2	04-415-16
04-414-18	18	7	04-415-18
04-414-20	20	8	04-415-20
04-414-22	22	8 3/4	04-415-22
04-414-24	24	9 1/2	04-415-24
04-414-26	26	10 1/4	04-415-26
04-414-30	30	12	04-415-30





Micro-Mosquito
 04-322-10 = 10 cm / 4"
 04-322-12 = 12 cm / 4 3/4"
 1:2 Teeth



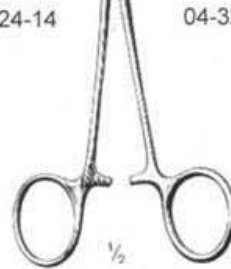
Micro-Mosquito
 04-323-10 = 10 cm / 4"
 04-323-12 = 12 cm / 4 3/4"
 1:2 Teeth



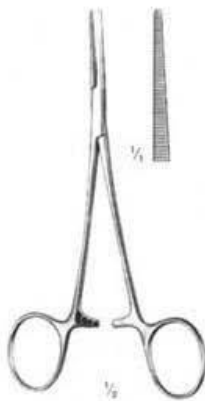
04-324-14



04-325-14



Providence-Hospital
 14 cm / 5 1/2"



Leriche
 04-326-15
 15 cm / 6"



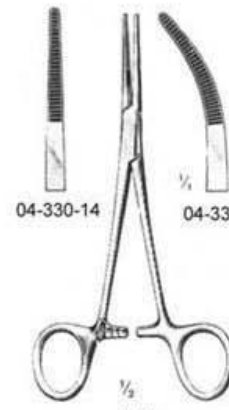
04-327-15
 15 cm / 6"



Leriche
 04-328-15
 15 cm / 6"
 1:2 Teeth



04-329-15
 15 cm / 6"
 1:2 Teeth

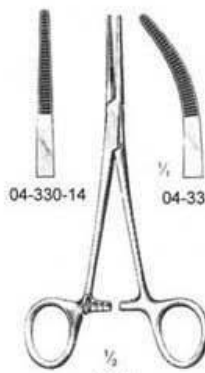


04-330-14



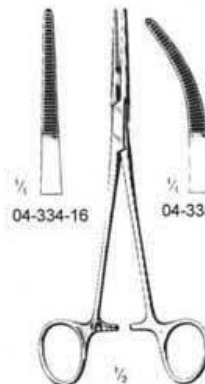
04-331-14

Kelly
 14 cm / 5 1/2"



04-330-14 04-331-14

Kelly
 14 cm / 5 1/2"

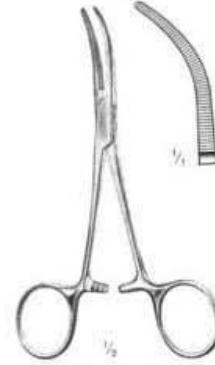


04-334-16 04-335-16

Kelly-Rankin
 16 cm / 6 1/4"



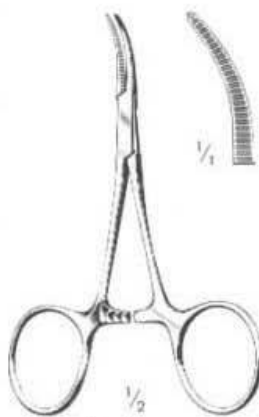
Baby-Overholt
 04-339-14
 13.5 cm / 5 1/4"



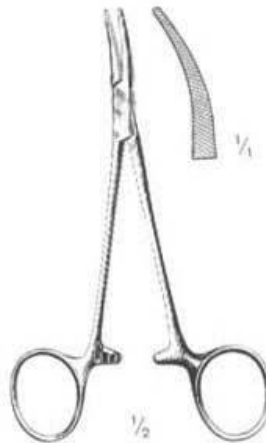
Baby-Overholt
 04-339-14
 13.5 cm / 5 1/4"



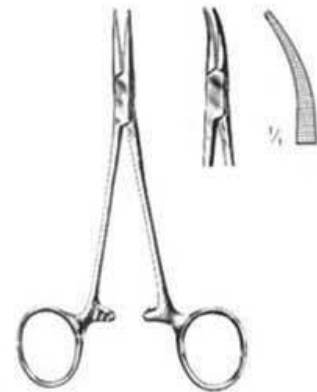
Hartmann
04-306-10
10 cm / 4"



Hartmann
04-307-10
10 cm / 4"



04-309-12
12 cm / 4 3/4"
Cross Serrations

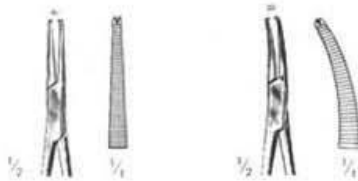


Halsted-Mosquito

	cm	in	Curved
04-310-12	12.5	5	04-311-12
04-310-14	14.0	5 1/2	04-311-14



Halsted-Mosquito



Halsted-Mosquito

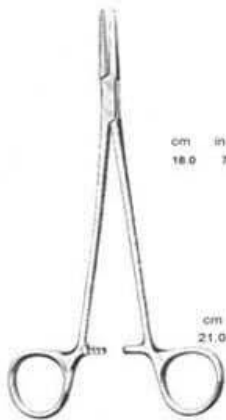
straight	1 : 2 cm	in.	curved
04-312-12	12.5	5	04-313-12
04-312-14	14.0	5 1/2	04-313-14



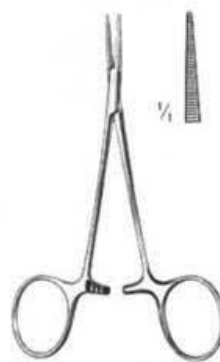
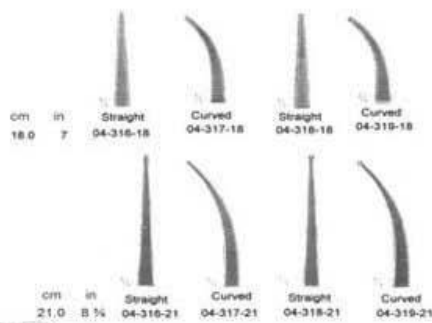
04-314-15
15 cm / 6"



04-315-15
15 cm / 6"



Halsted-Mosquito



Micro-Mosquito
04-320-10 = 10 cm / 4"
04-320-12 = 12 cm / 4 1/4"

Micro-Mosquito
04-321-10 = 10 cm / 4"
04-321-12 = 12 cm / 4 1/4"



Collin
04-270-16
16 cm/ 6 1/4"



04-272-16 04-274-16



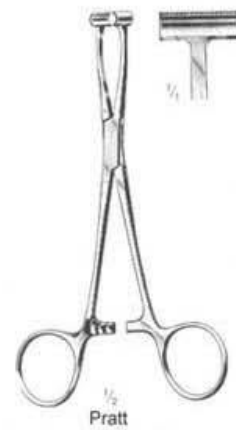
04-276-16



Collin
04-278-17
16,5 cm/ 6 1/2"



Pennington
15,5 cm/ 6" = 04-280-15
20 cm/ 8" = 04-280-20



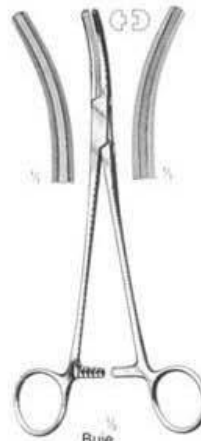
Pratt
04-282-15
15 cm/ 6"
Artery and Haemorrhoidal (Pile)
Clamp



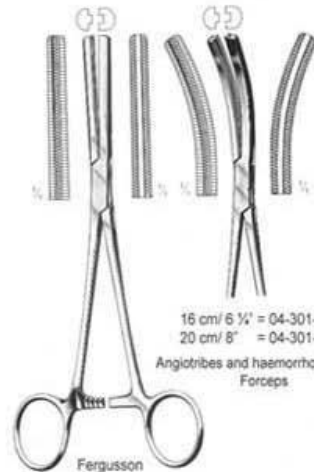
Martel
04-290-14
14 cm/ 5 1/2"
scalp flap forceps



Willet-Martel
04-292-19
19 cm/ 7 1/2"
Scalp Flap Forceps

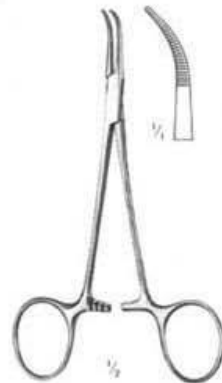


Buis
04-297-21
21 cm/ 8 1/4"
Angiotribes and haemorrhoidal (Pile)
Forceps



Fergusson
16 cm/ 6 1/4" = 04-300-16
20 cm/ 8" = 04-300-20

16 cm/ 6 1/4" = 04-301-16
20 cm/ 8" = 04-301-20
Angiotribes and haemorrhoidal (Pile)
Forceps



Baby-Mixer
04-303-01
14 cm/ 5 1/2"



04-303-02
14 cm/ 5 1/2"



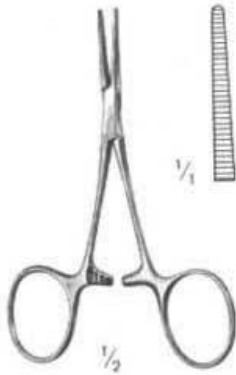
Barraquer
04-305-12
12 cm/ 4 3/4"



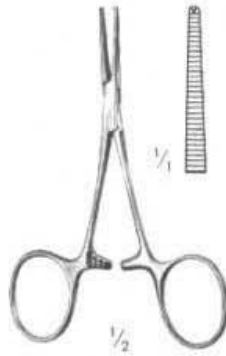
04-305-18
18,5 cm/ 7 1/4"



04-305-19
19 cm/ 7 1/2"



Carrel
04-150-08
8.5 cm / 3 1/2"



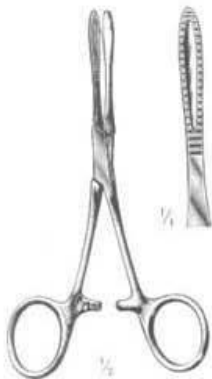
Terrier
04-154-08
8,5 cm / 3 1/2"



Pean
straight cm in
04-174-18 18.0 7
04-174-20 20.0 8



Pean
14 cm / 5 1/2" = 04-176-14
16 cm / 6 1/4" = 04-176-16



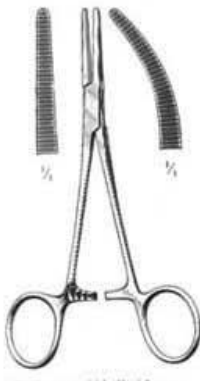
Kroenlein
04-182-13
13 cm / 5"



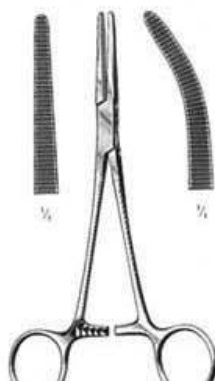
Pean
straight cm in curved
04-200-18 18 7 04-201-18
04-200-20 20 8 04-201-20
04-200-22 22 8 1/4 04-201-22
04-200-24 24 9 1/4 04-201-24
04-200-26 26 10 1/4 04-201-26
04-200-28 28 11 04-201-28



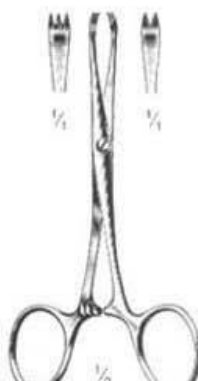
Kocher
straight 1 2 curved
cm in
04-220-18 18.0 7 04-221-18
04-220-20 20.0 8 04-221-20
04-220-22 22.0 8 1/4 04-221-22
04-220-24 24.0 9 1/4 04-221-24
04-220-26 26.0 10 1/4 04-221-26



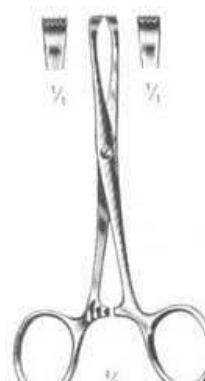
Spencer-Wells/Jones
straight cm in curved
04-248-13 13.0 5 04-249-13
04-248-14 14.0 5 1/2 04-249-14
04-248-15 15.5 6 04-249-15



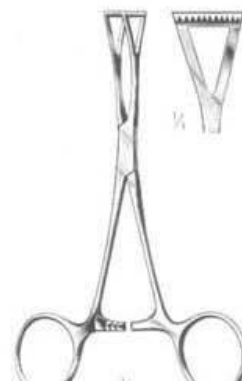
Spencer-Wells
straight cm in curved
04-248-18 18.0 7 04-249-18
04-248-20 20.0 8 04-249-20



Chaput
04-156-13
13 cm / 5"



Tuffier
04-258-13
13 cm / 5"



Collin
04-268-14
14 cm / 5 1/2"



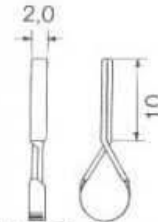
1/2
04-140-14
14 cm / 5 1/2"



1/2
04-106-18
18 cm / 7"



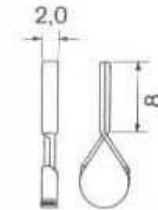
1/4
04-102-10
Length of jaw 10 mm
Serrefines



04-102-10
width of jaw
occlusion pressure 125 gr.



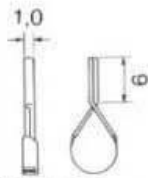
1/4
04-102-08
length of jaw 8mm
serrefines



04-102-08
width of jaw 2 mm
occlusion pressure 100 gr



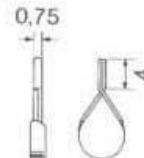
1/4
04-102-06
Length of jaw 6 mm
serrefines



04-102-06
width of jaw 1.0 mm
occlusion pressure 85 gr.



1/4
04-102-04
length of jaw 4mm
serrefines



04-102-04
width of jaw 0.75 mm
occlusion pressure 60 gr.



1/2
Hopfner
04-129-16
16 cm / 6 1/4"



1/2
Dieffenbach
04-110-06
cm in
6.0 2 1/2



1/2
Dieffenbach
04-111-06
cm in
6.0 2 1/2"



1/2
Dieffenbach
04-114-03
cm in
3.5 1 1/2

04-114-05
cm in
5.0 2



1/2
Dieffenbach
04-115-03
cm in
3.5 1 1/2

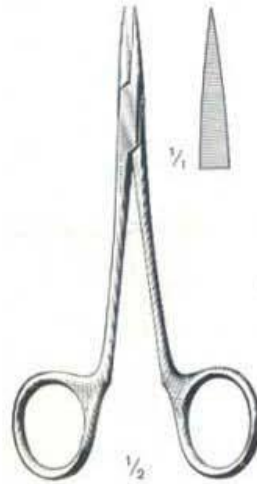
04-115-05
cm in
4.0 2



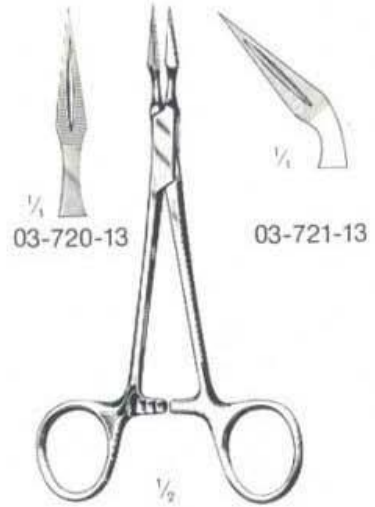
1/2
Johns Hopkins
04-119-05
cm in
5.0 2
6.5 2 1/2"
7.5 3



Barraquer
 03-695-10
 10,5 cm / 4 1/4"



Physician
 03-700-13
 13 cm / 5"



Stieglitz
 03-720-13 03-721-13
 13,5 cm / 5 1/2"



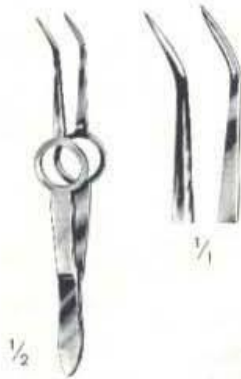
Peet
 03-725-11
 11,5 cm / 4 1/2"



Ralk
 03-740-15
 15 cm / 6"



Ralk
 03-741-15
 15 cm / 6"



Shaaf
03-661-09
 9 cm / 3½"



Littauer
03-664-08
 8,5 cm / 3½"



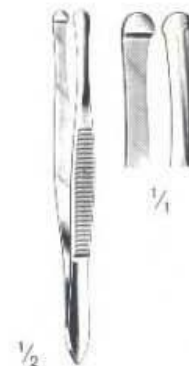
03-666-09
 9 cm / 3½"



Douglas
03-674-09
 9 cm / 3½"



Douglas
03-676-09
 9 cm / 3½"



Beer
03-680-09
 9 cm / 3½"



Beaupré
03-687-12
 12 cm / 4¾"



Gradle
03-691-09
 9,5 cm / 3¾"



Henry
03-694-12
 12 cm / 4¾"



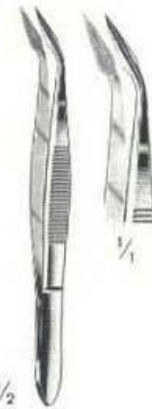
Feilchenfeld

cm	in.	
7.5	3	03-630-07
9.0	3 1/2	03-630-09
11.5	4 1/2	03-630-11



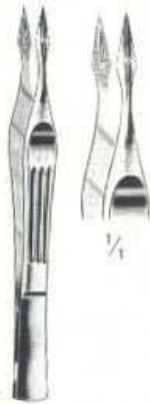
Hunter

cm	in.	
10.5	4 1/4	03-640-10



Hunter

cm	in.	
10.5	4 1/4	03-641-10



Walter-Carmalt

cm	in.	
10,5	4 1/4	03-650-10



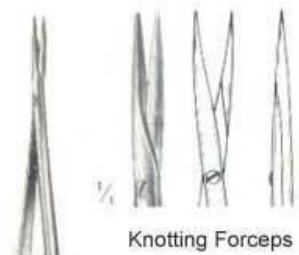
Walter-Carmalt

cm	in.	
10,5	4 1/4	03-651-10



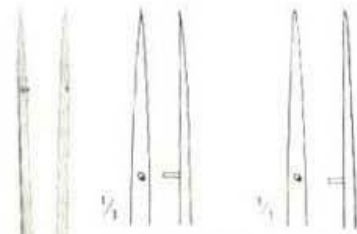
Walter-Carmalt

cm	in.	
12,0	4 3/4	03-654-12



Knotting Forceps

1/2
03-616-16
 15,5 cm / 6"

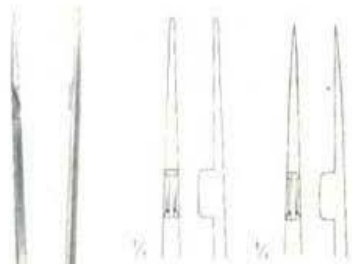


03-619-01 **03-619-02**



03-619-03

1/2
03-619-01 - 03
 18.5 cm / 7 1/4"



03-620-01 **03-620-02**

1/2
03-620-01 - 02
 22.5 cm / 9"



1/2

Feilchenfeld

cm	in.	
12.5	5	03-622-12





Mayo-Russ
 03-456-23
 23 cm/ 9"



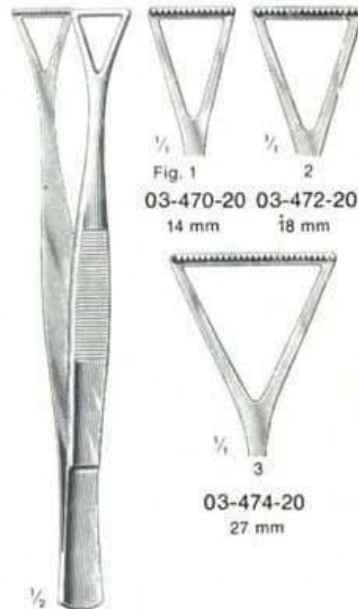
Davis
 03-458-25
 25 cm/10"



Singley-Tuttle
 03-460-23
 23 cm/9"



Nelson
 03-466-23
 23 cm/ 9"



Collin-Duval
 20 cm/8"

Fig. 1 Fig. 2
 03-470-20 03-472-20
 14 mm 18 mm
 Fig. 3
 03-474-20
 27 mm



**Russ.
Modell**

cm	in.	
15.0	6	03-420-15
20.0	8	03-420-20
25.0	10	03-420-25



Durante

cm	in.	
14.5	5 ½	03-426-14
16.0	6 ¼	03-426-16
20.0	8	03-426-20



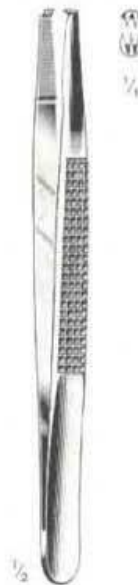
Ferris-Smith
03-431-18
18 cm / 7"



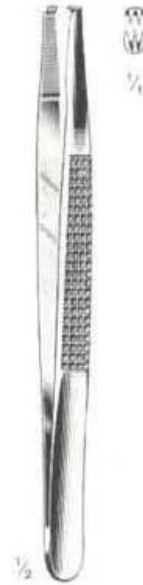
Ferris-Smith
03-432-18
18 cm / 7"



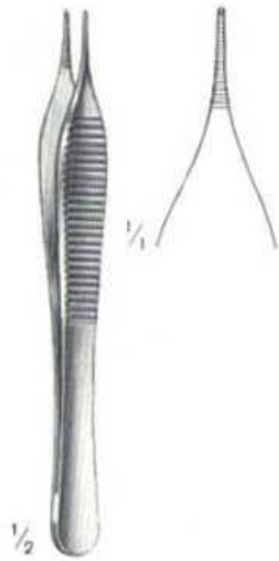
Bonney
03-451-18
18 cm / 7"



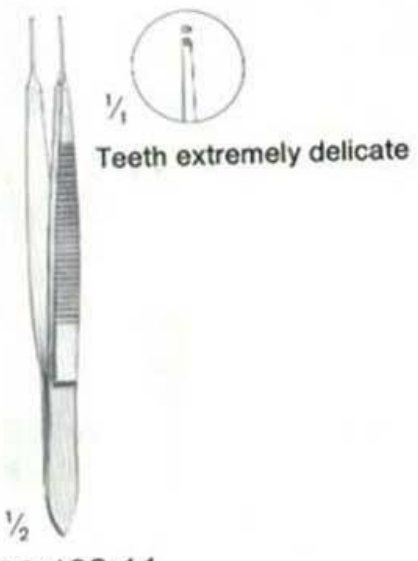
Bonney
03-452-18
18 cm / 7"



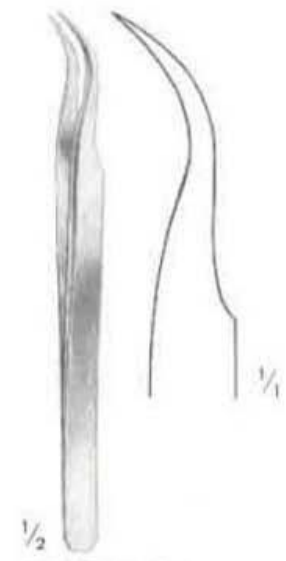
Bonney
03-452-18
18 cm / 7"



Micro-Adson
 03-404-12
 12 cm / 4 3/4"



03-408-11
 11 cm / 4 1/2"



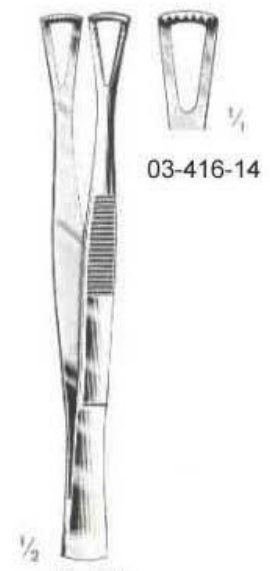
03-409-12
 12 cm / 4 3/4"



03-410-12
 12 cm / 4 3/4"



03-411-20
 1:2
 Duhrssen
 20 cm / 8"



03-416-14
 Duval
 14.5 cm 5 1/2"



Potts-Smith

cm	in	
18.0	7	03-392-18
21.0	8 ¼	03-392-21
25.0	10	03-392-25



Potts-Smith

cm	in	
18.0	7	03-393-18
21.0	8 ¼	03-393-21
25.0	10	03-393-25



½

Brophy

cm	in	
20.0	8	03-396-20



½

Brophy

cm	in	
20.0	8	03-397-20



½

Adson-Brown

03-400-12
12 cm 4 ¾"
7 : 7 Teeth



½

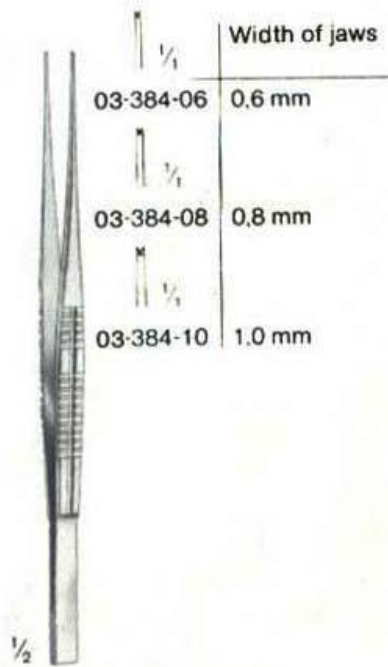
Micro-Adson

03-404-12
12 cm / 4 ¾"



Taylor

cm	in.	1:2
17.5	7	03-383-17



Width of jaws

03-384-06	0.6 mm
03-384-08	0.8 mm
03-384-10	1.0 mm

15 cm / 6"



Gerald

cm	in.	1:2
17.0	6 3/4	03-386-17



Gerald

cm	in.	1:2
17.0	6 3/4	03-387-17



Cushing

cm	in.	1:2
17.0	6 3/4	03-388-17



Cushing

cm	in.	1:2
17.0	6 3/4	03-389-17



Mod. USA

cm	in.	4:5
13,0	5	03-344-13
14,5	5 1/2	03-344-14
15,5	6	03-344-15



1/2

Stone

cm	in.	4:5
15,0	6	03-364-15



1/2

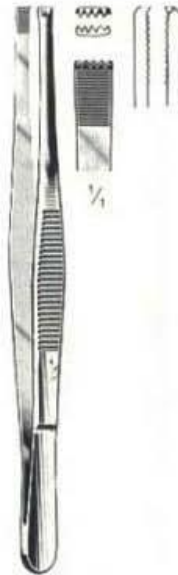
Lerche

cm	in.	5:6
15,0	6	03-365-15



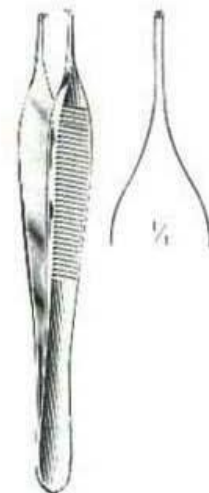
Adlerkreutz

cm	in.	2:3
15,0	6	03-366-15
20,0	8	03-366-20



Adlerkreutz

cm	in.	4:5
15,0	6	03-367-15
20,0	8	03-367-20



Adson

cm	in.	1:2
12,0	4 3/4	03-368-12
15,0	6	03-368-15



estrechas

cm	in.	1:2
13,0	5	03-329-13
14,5	5½	03-329-14



Stille

cm	in.	1:2
15,0	6	03-331-15



Stille

cm	in.	2:3
15,0	6	03-332-15



Mod. USA

cm	in.	1:2
12,0	4½	03-341-12
13,0	5	03-341-13
14,5	5½	03-341-14
15,5	6	03-341-15
18,5	7¼	03-341-18
21,0	8¼	03-341-21
25,0	10	03-341-25
31,0	12¼	03-341-31



Mod. USA

cm	in.	2:3
13,0	5	03-342-13
14,5	5½	03-342-14
15,5	6	03-342-15



Mod. USA

cm	in.	3:4
13,0	5	03-343-13
14,5	5½	03-343-14
15,5	6	03-343-15



cm	in.	1:2
10,5	4 1/4	03-301-10
11,5	4 1/2	03-301-11
13,0	5	03-301-13
14,5	5 1/2	03-301-14
16,0	6 1/4	03-301-16
18,0	7	03-301-18
20,0	8	03-301-20
25,0	10	03-301-25
30,0	12	03-301-30



cm	in.	2:3
11,5	4 1/2	03-302-11
13,0	5	03-302-13
14,5	5 1/2	03-302-14
16,0	6 1/4	03-302-16
18,0	7	03-302-18
20,0	8	03-302-20
25,0	10	03-302-25
30,0	12	03-302-30



cm	in.	3:4
13,0	5	03-303-13
14,5	5 1/2	03-303-14
16,0	6 1/4	03-303-16



cm	in.	4:5
13,0	5	03-304-13
14,5	5 1/2	03-304-14
16,0	6 1/4	03-304-16



Adson
03-250-12
 12 cm / 4 3/4"
03-250-15
 15 cm / 6"



Cushing
03-254-17
 17,5 cm / 7"
 with dissector end



Cushing
03-255-18
 18 cm / 7"



Cushing-Taylor
03-256-18
 18 cm / 7"



Potts-Smith
03-258-15 = 15 cm / 6"
03-258-18 = 18 cm / 7"
03-258-20 = 20 cm / 8"
03-258-23 = 23 cm / 9"
03-258-25 = 25 cm / 10"



Oehler
03-260-14 = 14 cm / 5 1/2"
03-260-16 = 16 cm / 6 1/2"
03-260-18 = 18 cm / 7"
03-260-20 = 20 cm / 8"
03-260-25 = 25 cm / 10"
03-260-30 = 30 cm / 12"



$\frac{1}{2}$
 cm in. | **Brophy**
 20,0 8 | 03-196-20



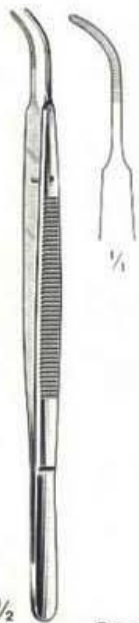
$\frac{1}{2}$
 cm in. | **Brophy**
 20,0 8 | 03-197-20



$\frac{1}{2}$
 cm in. | **Duehrssen**
 20,0 8 | 03-210-20



$\frac{1}{2}$
Wangenstein
 03-220-23
 23 cm/9"



	$\frac{1}{2}$		
cm	in.	Gerald	
18,0	7	03-187-18	



	$\frac{1}{2}$		
cm	in.	Cushing	
17.5	7	03-188-17	



	$\frac{1}{2}$		
cm	in.	Cushing	
17.5	7	03-189-17	



Smooth jaws

	$\frac{1}{2}$		
cm	in.	Cushing	
14,0	5	03-190-14	



cm	in.	Potts-Smith	
18,0	7	03-192-18	
21,0	8 $\frac{1}{4}$	03-192-21	
25,0	10	03-192-25	



cm	in.	Potts-Smith	
18,0	7	03-193-18	
21,0	8 $\frac{1}{4}$	03-193-21	
25,0	10	03-193-25	



cm	in.	
12,5	5	03-173-12
15,5	6	03-173-15



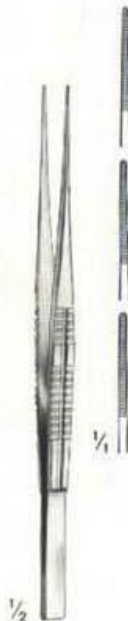
cm	in.	Taylor
17,5	7	03-175-17



cm	in.	Taylor
17,5	7	03-180-17



cm	in.	Taylor
17,5	7	03-183-17



15,5 cm / 6"

	Width of j
03-184-16	0.6 mm
03-184-08	0.8 mm
03-184-10	1.0 mm



cm	in.	Gerald
18,0	7	03-186-18



Modell
USA

cm	in.	Standard
12,0	4 $\frac{1}{4}$	03-140-12
13,0	5	03-140-13
14,5	5 $\frac{1}{2}$	03-140-14
15,5	6	03-140-15
18,0	7	03-140-18
21,0	8 $\frac{1}{4}$	03-140-21
25,0	10	03-140-25
31,0	12 $\frac{1}{2}$	03-140-31



gracile

cm	in.	
12,0	4 $\frac{1}{4}$	03-146-12
13,0	5	03-146-13
14,5	5 $\frac{1}{2}$	03-146-14
15,5	6	03-146-15



Adson

cm	in.	
12,0	4 $\frac{1}{4}$	03-168-12
15,0	6	03-168-15



$\frac{1}{2}$

cm	in.	McIndoe
15,0	6	03-170-15



Semken

cm	in.	
12,5	5	03-172-12
15,5	6	03-172-15



cm	in.	
12,5	5	03-173-12
15,5	6	03-173-15



cm	in.	Standard
10,5	4 ¼	03-100-10
11,5	4 ½	03-100-11
13,0	5	03-100-13
14,5	5 ½	03-100-14
16,0	6 ¼	03-100-16
18,0	7	03-100-18
20,0	8	03-100-20
25,0	10	03-100-25
30,0	12	03-100-30



cm	in.	Standard
11,5	4 ½	03-101-11
13,0	5	03-101-13
14,5	5 ½	03-101-14
16,0	6 ¼	03-101-16
18,0	7	03-101-18
20,0	8	03-101-20



narrow

cm	in.	Standard
11,5	4 ½	03-120-11
13,0	5	03-120-13
14,5	5 ½	03-120-14
16,0	6 ¼	03-120-16
18,0	7	03-120-18
20,0	8	03-120-20
25,0	10	03-120-25
30,0	12	03-120-30



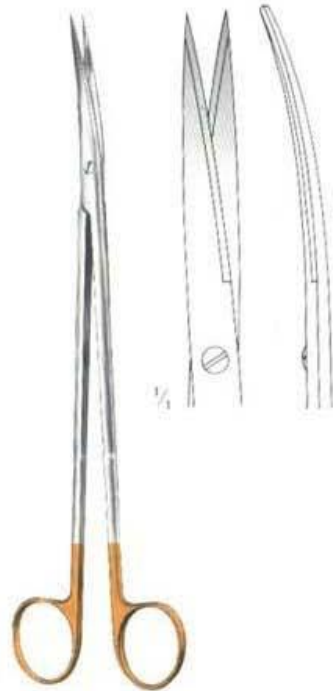
cm	in.	Standard
13,0	5	03-124-13
14,5	5 ½	03-124-14
16,0	6 ¼	03-124-16



cm	in.	Standard
13,0	5	03-126-13
14,5	5 ½	03-126-14



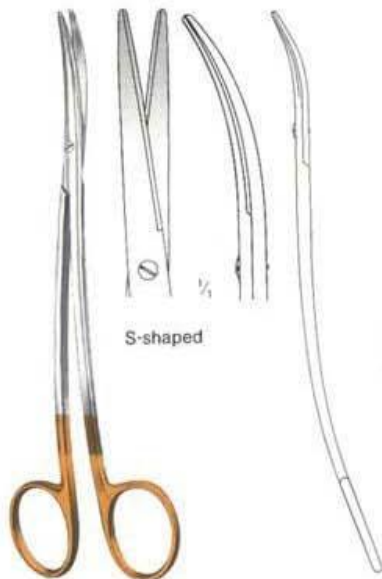
cm	in.	Stille
15,0	6	03-130-15



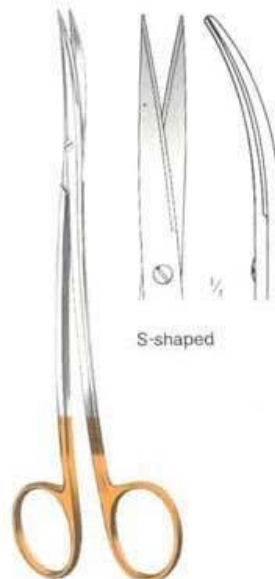
Metzenbaum-Fino
 02-963-18 = 18 cm / 7"
 02-963-20 = 20 cm / 8"
 02-963-23 = 23 cm / 9"



Toennis-Adson
 02-965-17
 17.5 cm / 7"



Metzenbaum-Fino
 02-967-18 = 18 cm / 7 1/4"
 02-967-20 = 20 cm / 8"
 02-967-23 = 23 cm / 9 1/4"



Metzenbaum-Fino
 02-969-18 = 18 cm / 7 1/4"
 02-969-20 = 20 cm / 8"
 02-969-23 = 23 cm / 9 1/4"



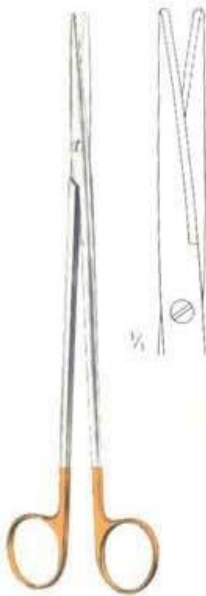
Metzenbaum-Fino
 02-955-14
 14,5 cm / 5½"



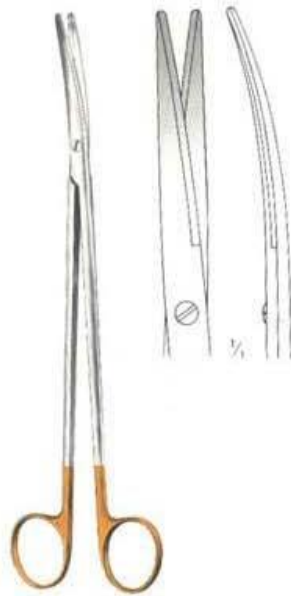
Metzenbaum-Fino
 02-956-14
 14,5 cm / 5½"



Metzenbaum-Fino
 02-957-14
 14,5 cm / 5½"



Metzenbaum-Fino
 02-960-18 = 18 cm / 7"
 02-960-20 = 20 cm / 8"
 02-960-23 = 23 cm / 9"



Metzenbaum-Fino
 02-961-18 = 18 cm / 7"
 02-961-20 = 20 cm / 8"
 02-961-23 = 23 cm / 9"



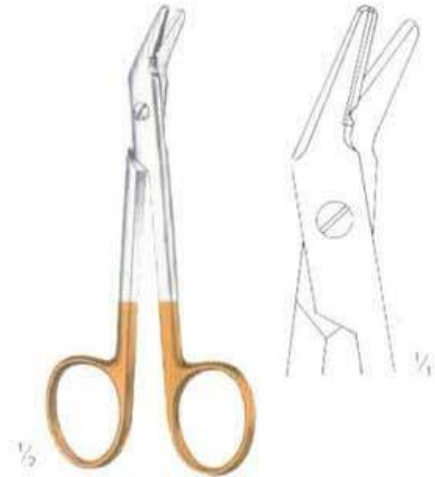
Metzenbaum-Fino
 02-962-18 = 18 cm / 7"
 02-962-20 = 20 cm / 8"
 02-962-23 = 23 cm / 9"



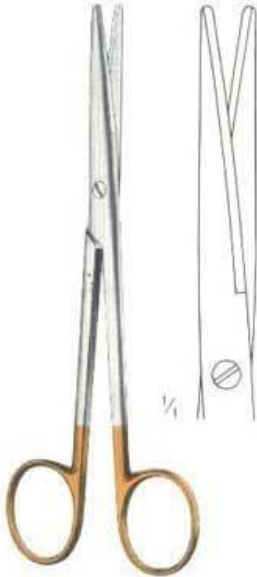
02-982-11
 11.5 cm 4½"



02-983-11
 11.5 cm 4½"



Universal
 02-995-12
 12 cm 4½"



Lexer-Fino
 02-950-16 = 16 cm / 6¼"
 02-950-21 = 21 cm / 8½"



Lexer-Fino
 02-951-16 = 16 cm / 6¼"
 02-951-21 = 21 cm / 8½"



Metzenbaum-Fino
 02-954-14
 14,5 cm / 5½"



Metzenbaum
02-938-14
14.5 cm 5 1/2"

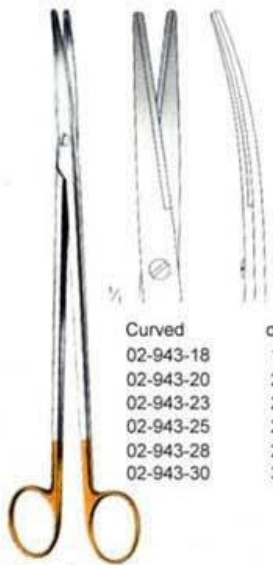


Metzenbaum
02-939-14
14.5 cm 5 1/2"



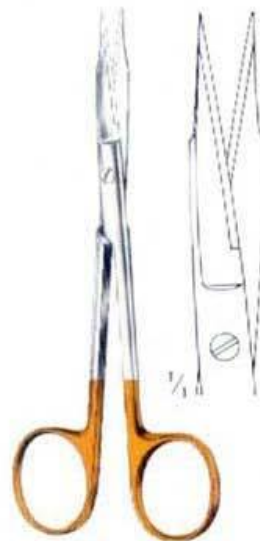
Metzenbaum
02-942-18 - 02-942-30

Straight	cm	inch
02-942-18	18	7
02-942-20	20	8
02-942-23	23	9
02-942-25	25	10
02-942-28	28	11
02-942-30	30	12



Metzenbaum
02-943-18 - 02-943-30

Curved	cm	inch
02-943-18	18	7
02-943-20	20	8
02-943-23	23	9
02-943-25	25	10
02-943-28	28	11
02-943-30	30	12



02-980-13
13 cm/ 5"



02-981-13
13 cm/ 5"



Mayo
straight

02-910-14 = 14,5 cm / 5½"
02-910-17 = 17,0 cm / 5¾"
02-910-23 = 23,0 cm / 9"



Mayo
curved

02-911-14 = 14,5 cm / 5½"
02-911-17 = 17,0 cm / 5¾"
02-911-23 = 23,0 cm / 9"



Mayo - Stillee

02-931-15
15 cm / 6"
02-931-17
17 cm / 6¾"



Mayo - Stillee

02-931-15
15 cm / 6"
02-931-17
17 cm / 6¾"



02-936-11
11,5 cm / 4½"



02-937-11
11,5 cm / 4½"

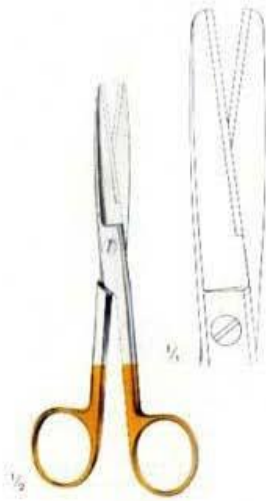


Fig. 1
Standard
 14,5 cm / 5 1/2"
 02-902-14



Fig. 2
Standard
 14,5 cm / 5 1/2"
 02-904-14

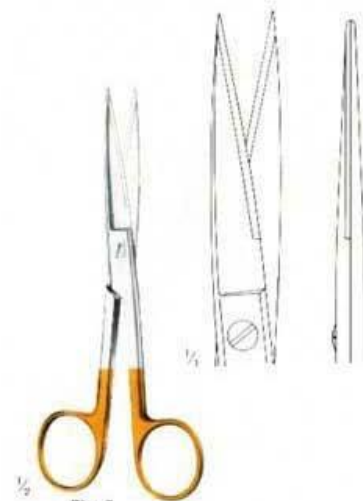


Fig. 3
Standard
 14,5 cm / 5 1/2"
 02-906-14



Fig. 1
Standard
 14,5 cm / 5 1/2"
 02-903-14

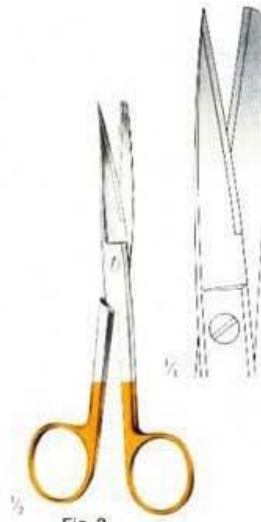
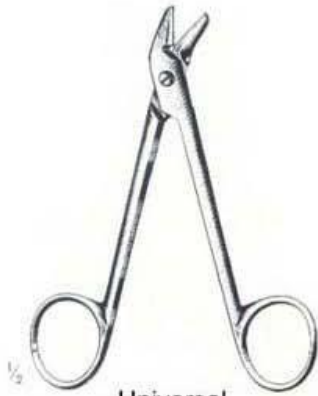


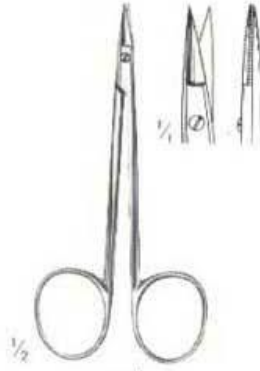
Fig. 2
Standard
 14,5 cm / 5 1/2"
 02-905-14



Fig. 3
Standard
 14,5 cm / 5 1/2"
 02-907-14



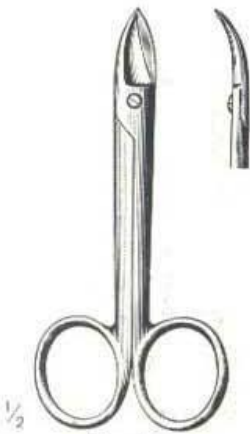
Universal
 saw edge
 02-865-12
 12 cm / 4 3/4"



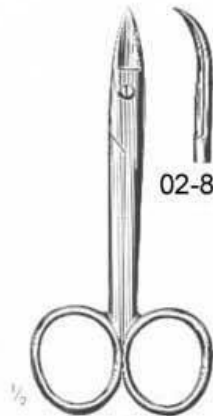
saw edge
 02-866-10
 10 cm / 4"



Beebee
 blunt
 10,0 cm / 4 in
 02-870-10 - 02-871-10

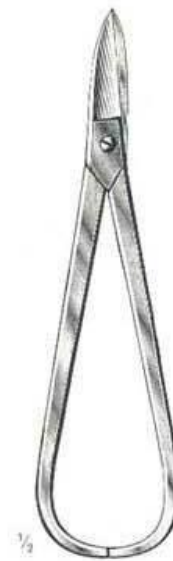


Beebee
 sharp
 10,0 cm / 4 in
 02-874-10 - 02-875-10



Special
 saw edge
 02-878-12

02-879-12

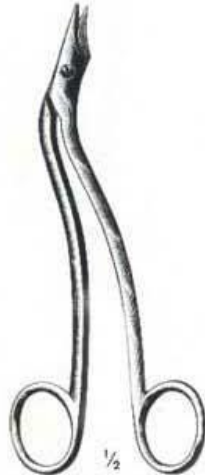


02-890-18
 18 cm / 7"

11-891-18



Littauer
 14 cm / 5 1/2"
 02-834-14



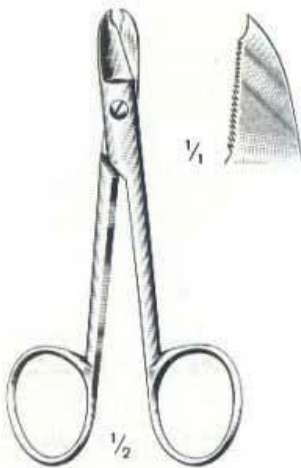
Heath
 15 cm / 6"
 02-837-15



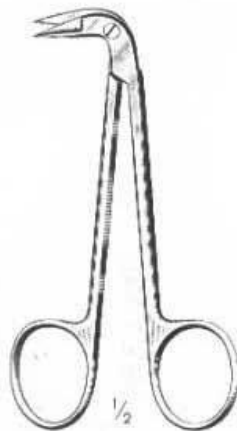
Schoemaker-Loth
 13 cm / 5"
 02-838-13



Eiselsberg
 12 cm / 4 3/4"
 02-840-12



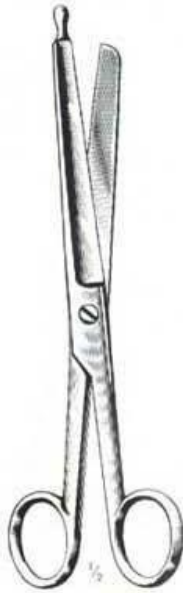
12 cm / 4 3/4"
 saw edge
 02-842-12



10,5 cm / 4"
 saw edge
 02-845-10



Harvey
 12,5 cm / 5"
 02-862-12



21 cm / 8 1/2"
 02-784-21

Enterotomy Scissors for anatomy



02-816-13 = 13 cm / 5"
 02-816-15 = 13 cm / 6"

Nail Splitting Scissors



13 cm / 5"
 02-819-13

Ligature Scissors



Spencer
 9 cm / 3 1/2"
 02-824-09

Ligature Scissors



Spencer
 13 cm / 5"
 02-826-13

Ligature Scissors



Buck
 14.5 cm / 5 1/2" 02-830-14
 18 cm / 7" 02-830-18

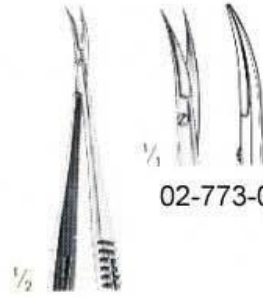
Ligature Scissors



14 cm / 5 1/2"
 02-773-00



15.5 cm / 6"
 02-773-01



02-773-02

Reill
 15.5 cm / 6"
 1 blade saw edge



15.5 cm / 6"
 02-776-01



15.5 cm / 6"
 02-776-02



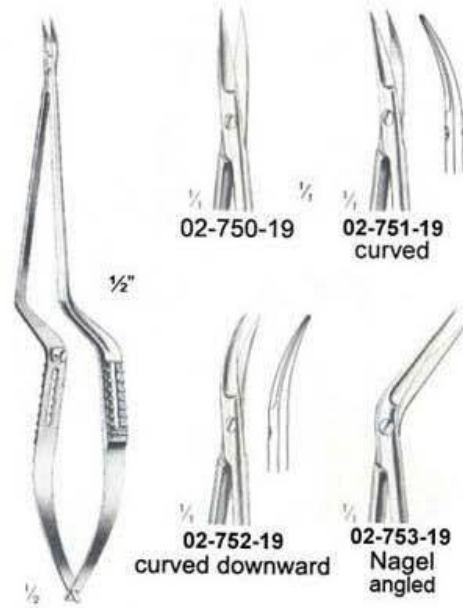
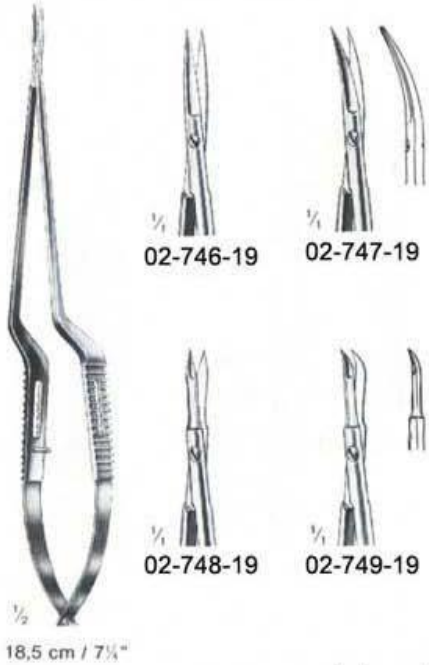
15.5 cm / 6"
 02-778-01

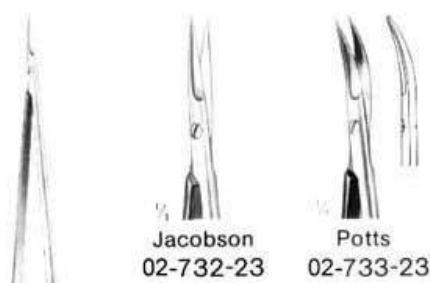


15.5 cm / 6"
 02-778-02



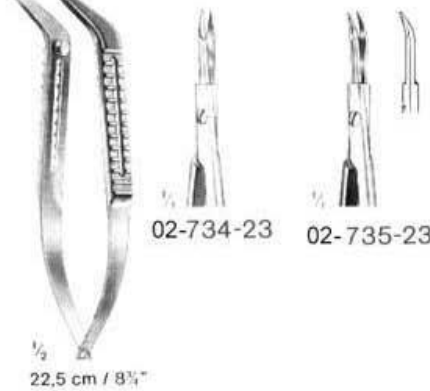
21 cm / 8 1/2"
 02-782-21
 Enterotomy Scissors for anatomy





$\frac{1}{2}$
Jacobson
 02-732-23

$\frac{1}{2}$
Potts
 02-733-23



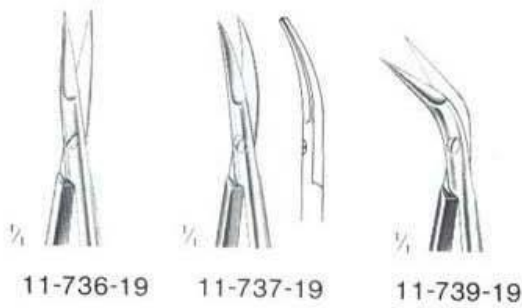
$\frac{1}{2}$
 02-734-23

$\frac{1}{2}$
 02-735-23

$\frac{1}{2}$
 22,5 cm / 8 $\frac{1}{2}$ "



$\frac{1}{2}$
 18,5 cm / 7 $\frac{1}{2}$ "



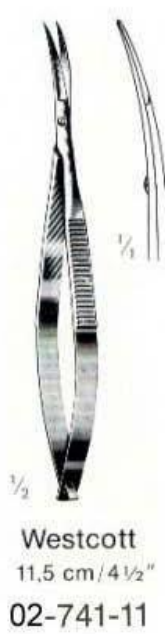
$\frac{1}{4}$
 11-736-19

$\frac{1}{4}$
 11-737-19

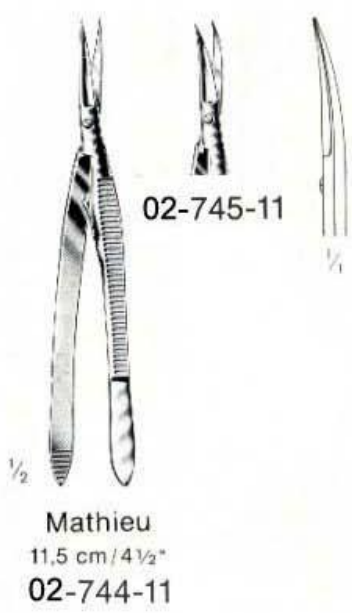
$\frac{1}{4}$
 11-739-19



$\frac{1}{2}$
Westcott
 11,5 cm / 4 $\frac{1}{2}$ "
 02-740-11

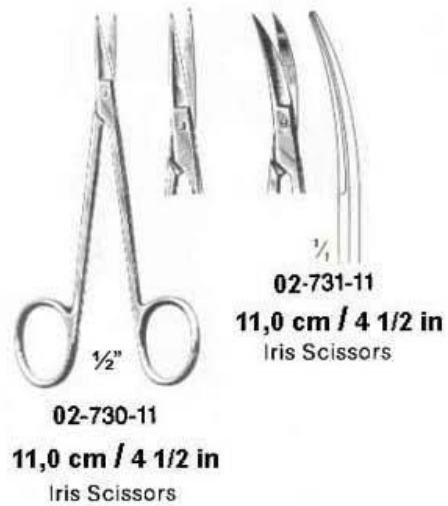
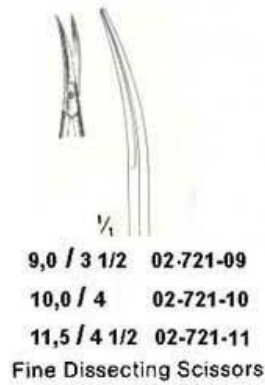
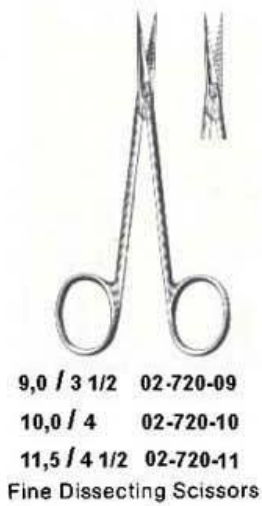
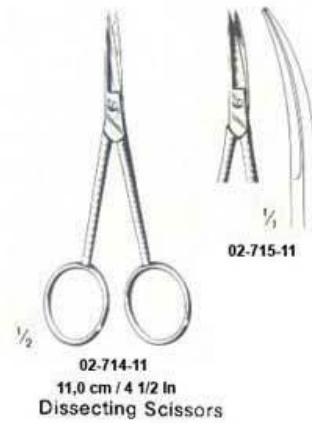
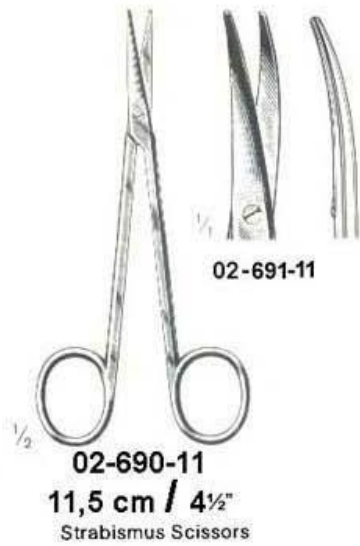


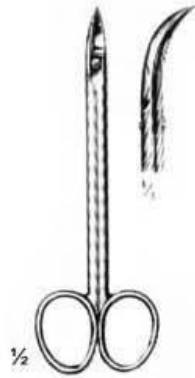
$\frac{1}{2}$
Westcott
 11,5 cm / 4 $\frac{1}{2}$ "
 02-741-11



$\frac{1}{2}$
Mathieu
 11,5 cm / 4 $\frac{1}{2}$ "
 02-744-11

02-745-11

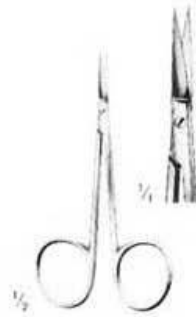




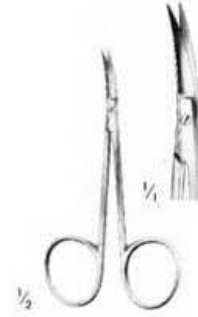
Quinby
12.5 cm / 5
02-611-13



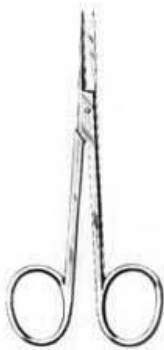
Neumann
12 cm / 4 3/4"
02-615-12



8 cm / 3 1/4"
delicate
02-618-08

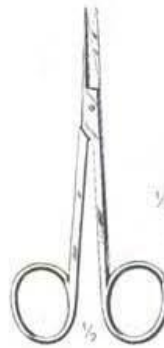
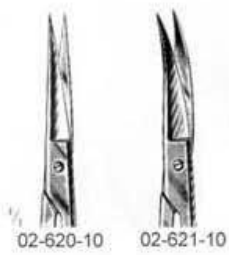


8 cm / 3 1/4"
delicate
02-619-08

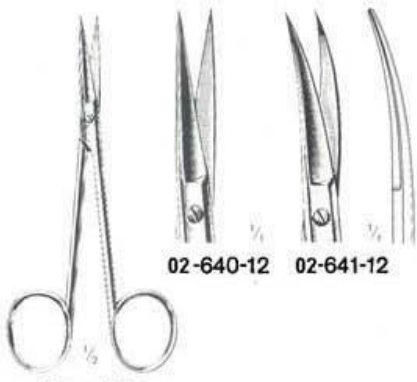
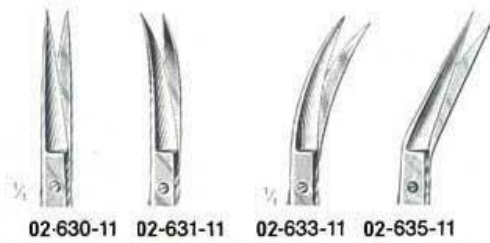


cm	in.		
9,0	3 1/2	02-620-09	02-621-09
10,5	4 1/4	02-620-10	02-621-10

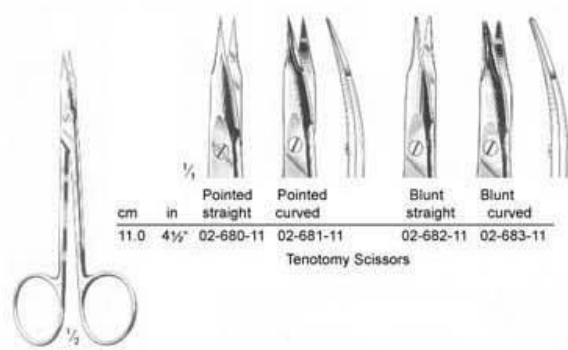
Iris Scissors



11,5 cm / 4 1/2"
Iris Scissors



12 cm / 4 3/4"



cm	in	Pointed straight	Pointed curved	Blunt straight	Blunt curved
11.0	4 1/2"	02-680-11	02-681-11	02-682-11	02-683-11

Tenotomy Scissors



Mod. USA
 10,5 cm / 4 1/4"
02-545-10
 Umbilical Scissors



Busch
 16 cm / 6 1/4"
02-551-16
 Umbilical Scissors

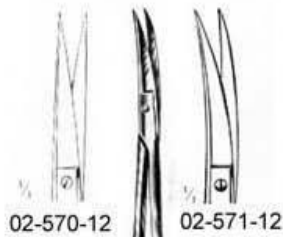


02-566-13



02-567-13

13 cm / 5"



02-570-12

02-571-12



Wagner
 12 cm / 4 3/4"



02-582-12

02-584-12



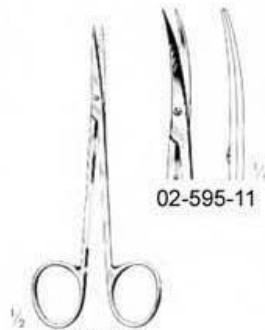
12 cm / 4 3/4"



02-587-12



02-589-12



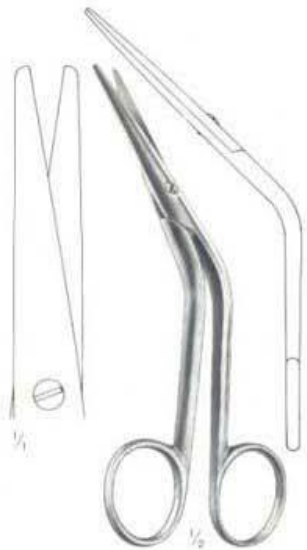
02-595-11

02-594-11

11,5 cm / 4 1/2"



Locklin
02-607-16
 16 cm / 6 1/4"



Cottle
 02-509-16
 16 cm / 6½"



Heymann
 02-511-18
 18 cm / 7"
 Nasal Scissor



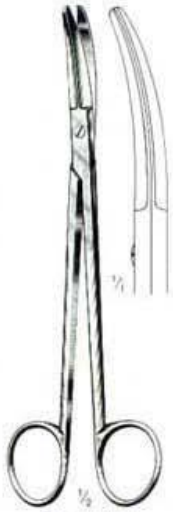
Waldmann
 02-531-18
 18 cm / 7¼"



Braun-Stadler
 02-535-14
 14,5 cm / 5½"
 Perineum (Episiotomy) Scissors

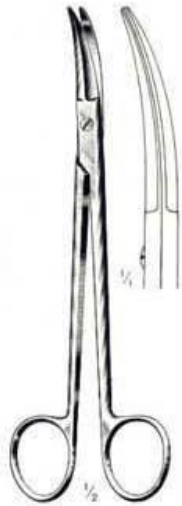


Braun-Stadler
 02-537-22
 22 cm / 8½"
 Perineum (Episiotomy) Scissors



Boettcher
 02-485-18
 18 cm / 7"

Tonsil Scissors



Prince
 02-489-17
 17.5 cm / 7"

Tonsil Scissors

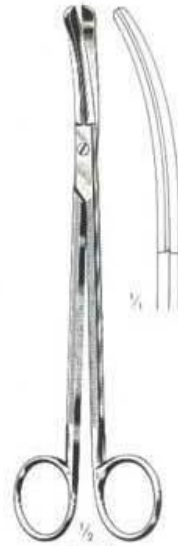


Dean
 02-495-17
 17 cm / 6 3/4"

Tonsil Scissors



02-497-17
 saw edge



Good
 02-499-19
 19 cm / 7 1/2"

Tonsil Scissors



Fomon
 02-507-15
 15 cm / 6"



Strully
 02-445-22
 22 cm / 8½"
 Neurosurgical Scissors



Dandy
 02-451-17
 17 cm / 6¾"
 Neurosurgical Scissors



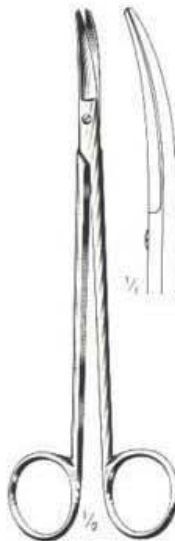
Schmieden-Taylor
 02-455-17
 17 cm / 6¾"
 Dura Scissors



Toennis-Adson
 02-459-17
 17,5 cm / 7"
 Preparation Scissors



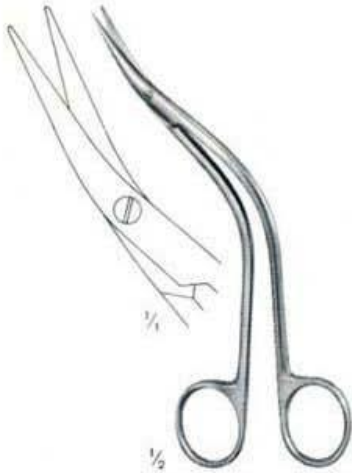
Toennis
 02-466-18
 18 cm / 7"
 Preparation Scissors



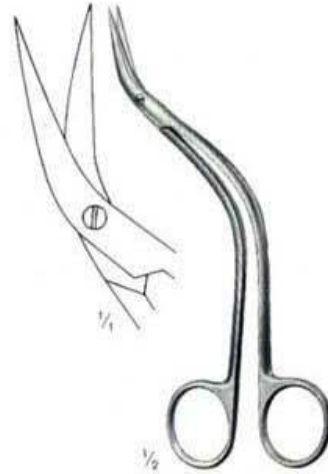
Toennis
 02-467-18
 18 cm / 7"
 Preparation Scissors



Olivecrona
 02-475-23
 23 cm / 9"
 Trigeminal Scissors (also for nose)



De Bakey
02-417-20
15 1/2 cm / 6"



De Bakey
02-417-45
15 1/2 cm / 6"



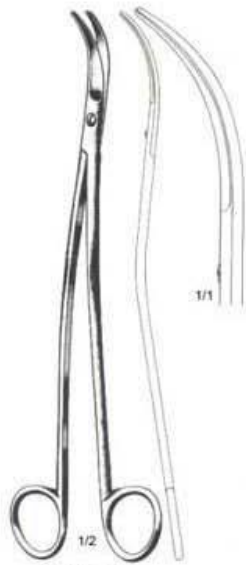
Favaloro
02-419-90
15 cm / 6"



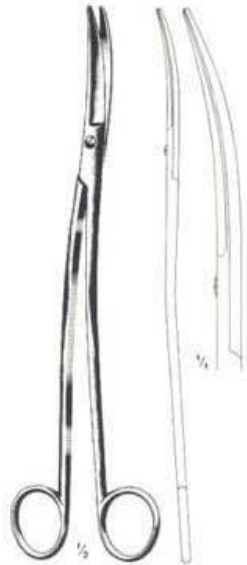
02-420-11
11.5 cm / 4 1/2"
Artery and Coronary Scissors



Crafoord
 02-371-30
 30 cm / 12"
 Lobectomy Scissors



Satinsky
 02-375-24
 24.5 cm / 10"
 Artery Scissors



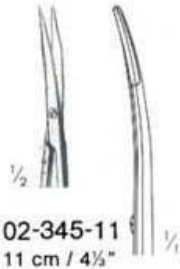
Klinkenbergh-Loth
 02-379-23
 23 cm / 9"
 Artery Scissors



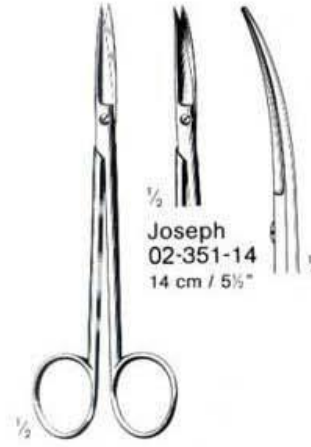
Potts-Smith
 02-393-19 - 02-395-19
 19 cm / 7 1/2"
 laterally angled
 Artery Scissors



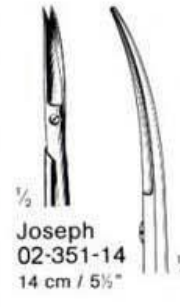
02-344-11
 11 cm / 4 1/8"



02-345-11
 11 cm / 4 1/8"



Joseph
 02-350-14
 14 cm / 5 1/2"
 Plastic Surgery Scissors



Joseph
 02-351-14
 14 cm / 5 1/2"



Kilner
 02-359-12 = 12 cm / 4 3/4"
 02-359-15 = 15 cm / 6"
 Plastic Surgery Scissors

Spatula and dissecting blades, also for undermining



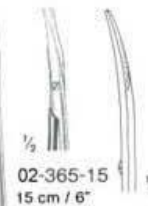
02-362-14
 14,5 cm / 5 3/4"
 Dissecting scissors with
 outside cutting edge



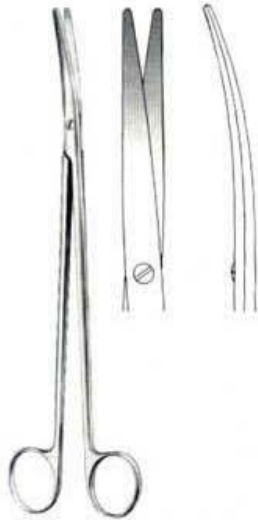
02-363-14
 14,5 cm / 5 3/4"



Reynolds
 02-364-15
 15 cm / 6"



02-365-15
 15 cm / 6"



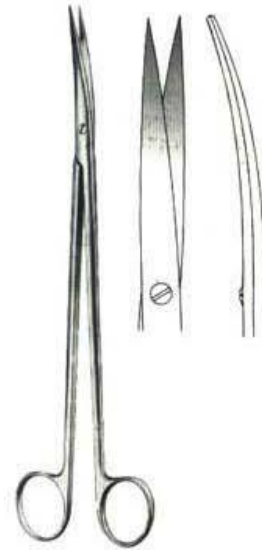
Metzenbaum-Fino

02-331-18 = 18 cm / 7"
 02-331-20 = 20 cm / 8"
 02-331-23 = 23 cm / 9"



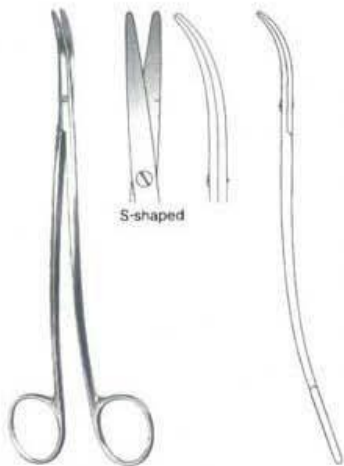
Metzenbaum-Fino

02-332-18 = 18 cm / 7"
 02-332-20 = 20 cm / 8"
 02-332-23 = 23 cm / 9"



Metzenbaum-Fino

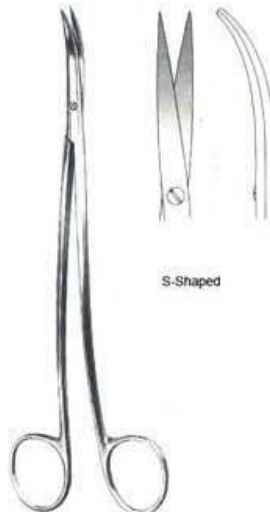
02-333-18 = 18 cm / 7"
 02-333-20 = 20 cm / 8"
 02-333-23 = 23 cm / 9"



S-shaped

Metzenbaum-Fino

02-335-18 = 18 cm / 7"
 02-335-20 = 20 cm / 8"
 02-335-23 = 23 cm / 9"



S-Shaped

Metzenbaum-Fino

02-337-18 = 18 cm / 7"
 02-337-20 = 20 cm / 8"
 02-337-23 = 23 cm / 9"

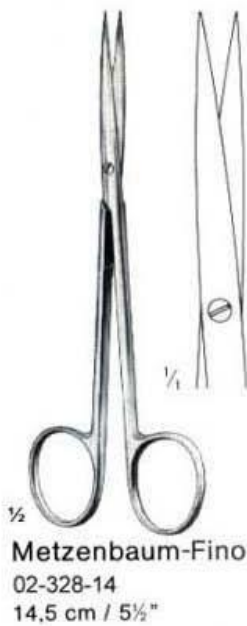
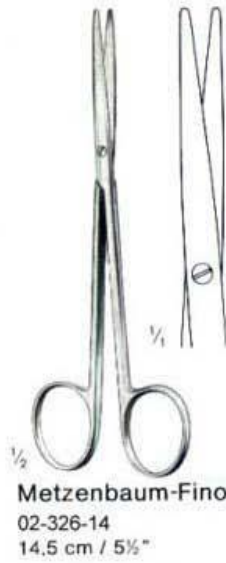
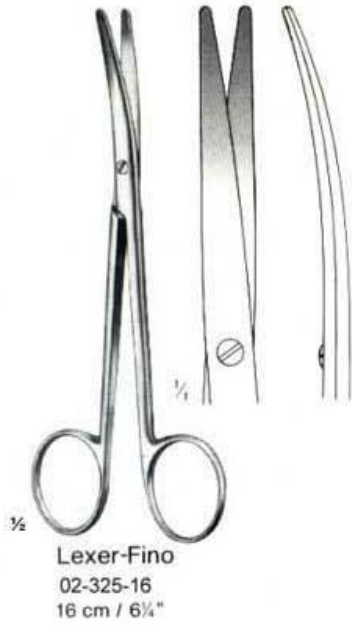


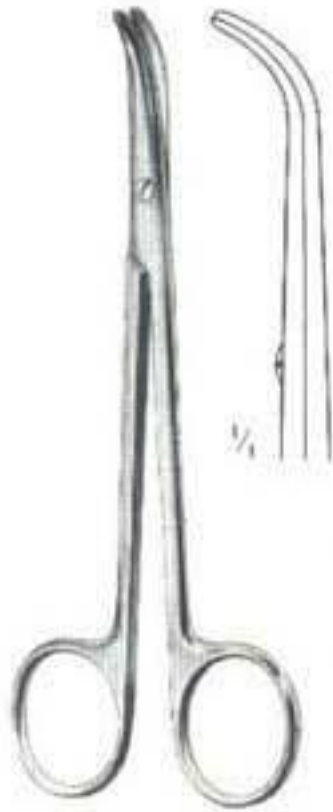
Sanvenero

02-341-14
 14 cm / 5 1/2"

Sanvenero
 02-340-14

14 cm / 5 1/2"

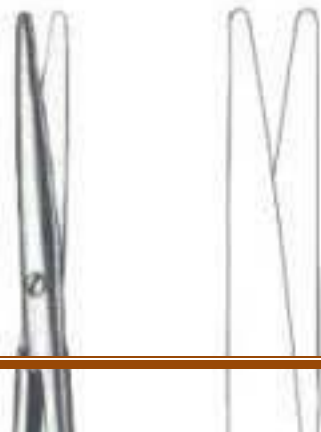




Fomon
02-317-14
13,5 cm / 5 $\frac{1}{4}$ "



Thorek
02-319-19
19 cm / 7 $\frac{1}{2}$ "



$\frac{1}{2}$



Metzenbaum-Nelson

cm	in.	Fig. 1	2	3
18.0	7	02-280-18	02-282-18	02-284-18
20.0	8	02-280-20	02-282-20	02-284-20
23.0	9	02-280-23	02-282-23	02-284-23
25.0	10	02-280-25	02-282-25	02-284-25
28.0	11	02-280-28	02-282-28	02-284-28
30.0	12	02-280-30	02-282-30	02-284-30



Metzenbaum-Nelson

cm	in.	Fig. 1	2	3
18.0	7	02-285-18	02-287-18	02-289-18
20.0	8	02-285-20	02-287-20	02-289-20
23.0	9	02-285-23	02-287-23	02-289-23
25.0	10	02-285-25	02-287-25	02-289-25
28.0	11	02-285-28	02-287-28	02-289-28
30.0	12	02-285-30	02-287-30	02-289-30



Nerv-Präparierschere
02-300-15
15cm/6"
Nerve dissecting scissors



Lexer
02-310-16 = 16 cm / 6 1/4"
02-310-21 = 21 cm / 8 1/2"



Lexer
02-311-16 = 16 cm / 6 1/4"
02-311-21 = 21 cm / 8 1/2"



Fomon
 02-317-14
 13,5 cm / 5¼"



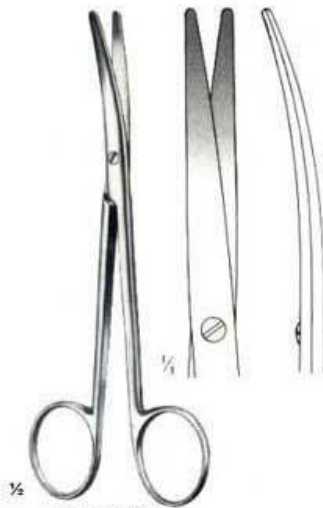
Thorek
 02-319-19
 19 cm / 7½"



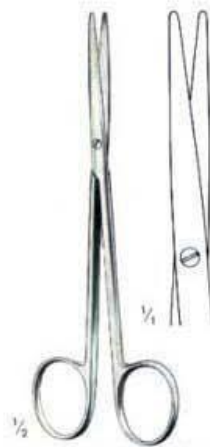
Lexer-Baby
 02-320-10
 10 cm / 4"



Lexer-Fino
 02-324-16
 16 cm / 6¼"



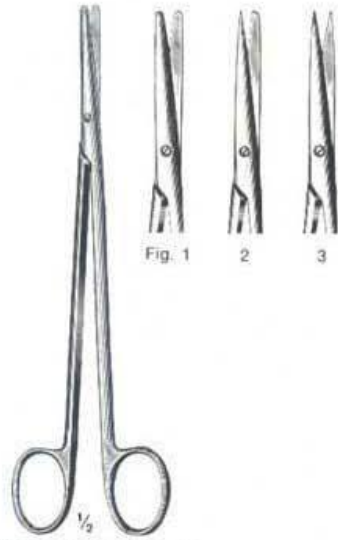
Lexer-Fino
 02-325-16
 16 cm / 6¼"



Metzenbaum-Fino
 02-326-14
 14,5 cm / 5½"



Metzenbaum-Fino
 02-327-14
 14,5 cm / 5½"



Metzenbaum-Nelson

cm	in	Fig. 1	2	3
18,0	7	02-280-18	02-282-18	02-284-18
20,0	8	02-280-20	02-282-20	02-284-20
23,0	9	02-280-23	02-282-23	02-284-23
25,0	10	02-280-25	02-282-25	02-284-25
28,0	11	02-280-28	02-282-28	02-284-28
30,0	12	02-280-30	02-282-30	02-284-30



Metzenbaum-Nelson

cm	in	Fig. 1	2	3
18,0	7	02-285-18	02-287-18	02-289-18
20,0	8	02-285-20	02-287-20	02-289-20
23,0	9	02-285-23	02-287-23	02-289-23
25,0	10	02-285-25	02-287-25	02-289-25
28,0	11	02-285-28	02-287-28	02-289-28
30,0	12	02-285-30	02-287-30	02-289-30



02-301-15
15 cm / 6"

Nerv-Präparierschere
02-300-15
15cm / 6"
Nerve dissecting scissors



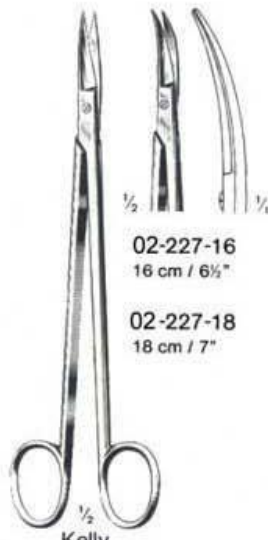
Lexer
02-310-16 = 16 cm / 6 1/4"
02-310-21 = 21 cm / 8 1/4"



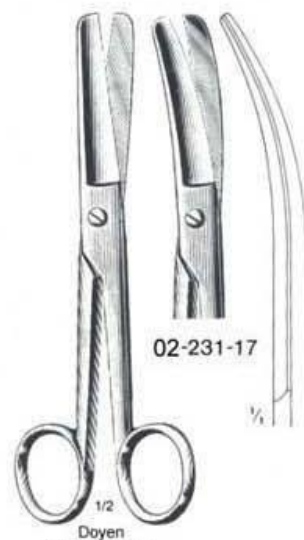
Lexer
02-311-16 = 16 cm / 6 1/4"
02-311-21 = 21 cm / 8 1/4"



Dubois
 02-220-27
 27 cm / 10 1/2"
 Cephalotomy Scissors



Kelly
 02-226-16 = 16 cm / 6 1/2"
 02-226-18 = 18 cm / 7"
 Fistula Scissors



Doyen
 02-230-17
 17.5 cm / 7"
 Abdominal Scissors

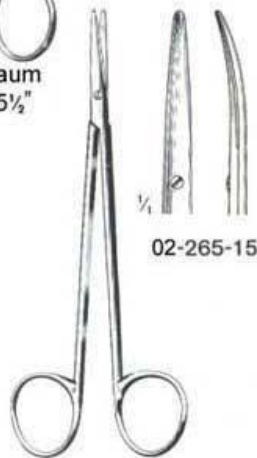


Metzenbaum
 14.5 cm / 5 1/2"

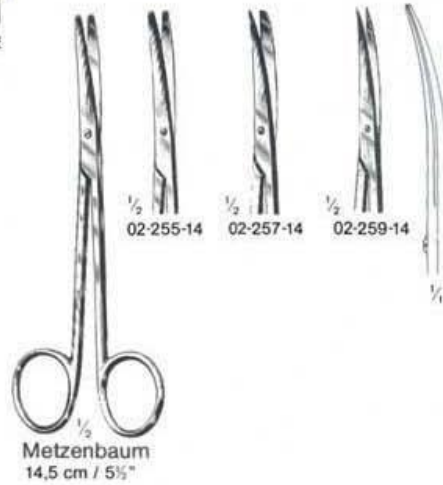


02-248-11
 11.5 cm / 4 1/2"

02-249-11



Metzenbaum
 02-264-15 = 15 cm / 6"

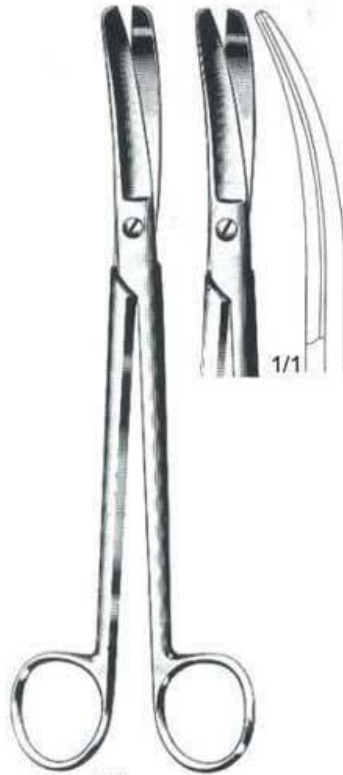


Metzenbaum
 14.5 cm / 5 1/2"



Sims

cm	in.	straight Fig. 1
20,0	8	02-200-20
23,0	9	02-200-23



Sims

cm	in.	curved Fig. 1
20,0	8	02-203-20
23,0	9	02-203-23



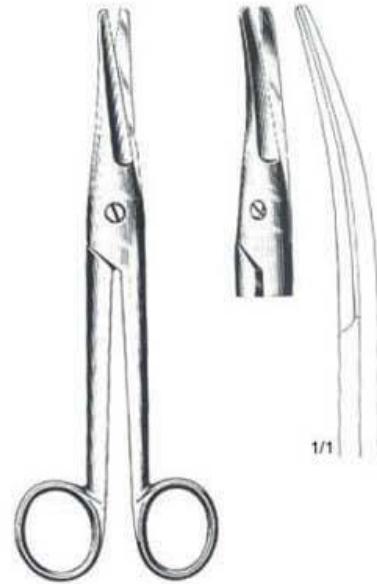
Siebold

cm	in.	S-curved
24,0	9 1/2	02-211-24



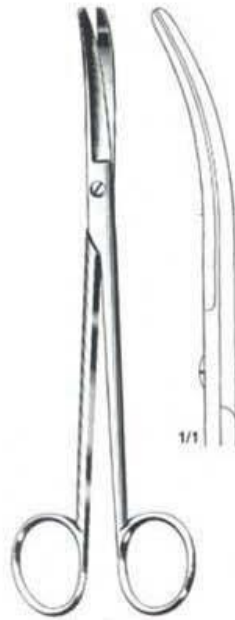
Mayo-Stille

cm	in.	straight	curved
16,5	6½	02-184-16	02-185-16
19,5	7¾	02-184-19	02-185-19
21,0	8¼	02-184-21	02-185-21



Mayo-Noble

cm	in.	straight	curved
17,0	6¾	02-190-17	02-191-17



Wertheim

cm	in.	curved
14,5	5½	02-195-14
19,5	7¾	02-195-19
22,5	9	02-195-22

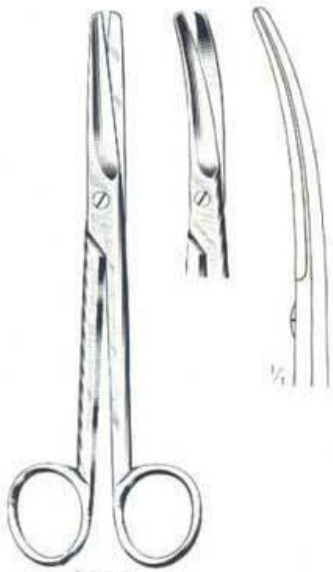


02-136-13 = 13 cm/5"
02-136-14 = 14.5 cm/5 1/2"



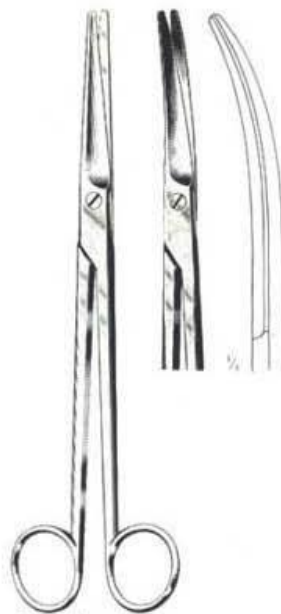
02-141-14

Deaver
02-140-14
14 cm/5 1/2"



Mayo
Uterine Scissors

cm	in.	straight	curved
14.5	5 1/2	02-170-14	02-171-14
15.0	6	02-170-15	02-171-15
17.0	6 1/2	02-170-17	02-171-17
23.0	9	02-170-23	02-171-23



Mayo-Harrington

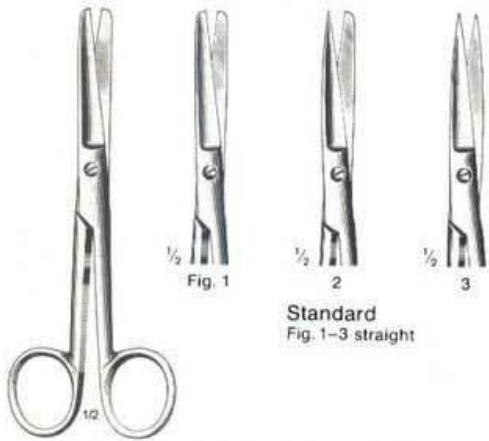
cm	in	straight	curved
22.5	9	02-174-22	02-175-22
30.0	12		02-175-30

Uterine Scissors



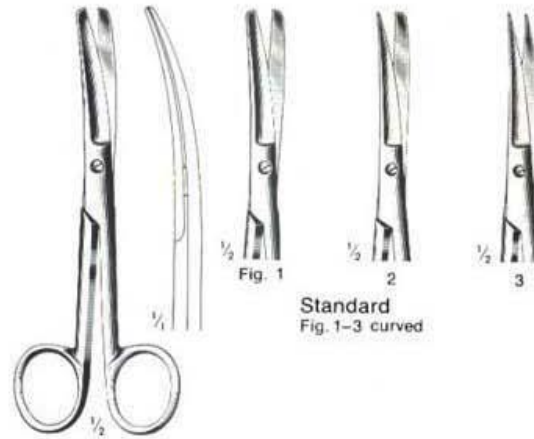
Mayo-Stille

cm	in	straight	curved
15.0	6	02-180-15	02-181-15
17.0	6 3/4	02-180-17	02-181-17



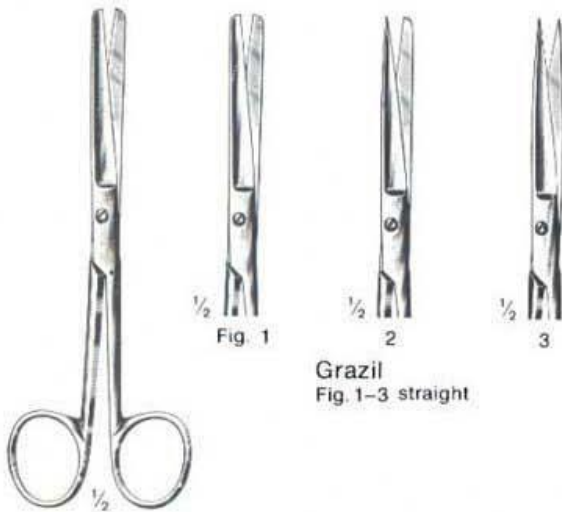
Standard
Fig. 1-3 straight

cm	in.	Fig. 1	Fig. 2	Fig. 3
10,5	4 1/4	02-100-10	02-102-10	02-104-10
11,5	4 1/2	02-100-11	02-102-11	02-104-11
13,0	5	02-100-13	02-102-13	02-104-13
14,5	5 1/2	02-100-14	02-102-14	02-104-14
15,5	6	02-100-15	02-102-15	02-104-15
16,5	6 1/2	02-100-16	02-102-16	02-104-16
18,5	7 1/4	02-100-18	02-102-18	
20,0	8	02-100-20	02-102-20	



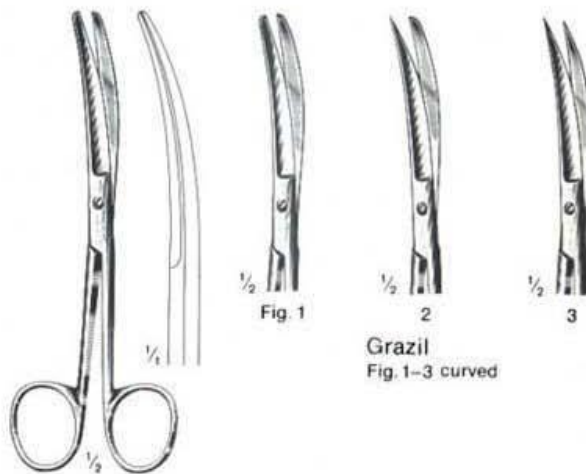
Standard
Fig. 1-3 curved

cm	in.	Fig. 1	Fig. 2	Fig. 3
11,5	4 1/4	02-105-11	02-107-11	02-109-11
13,0	5	02-105-13	02-107-13	02-109-13
14,5	5 1/2	02-105-14	02-107-14	02-109-14
15,5	6	02-105-15	02-107-15	02-109-15
16,5	6 1/2	02-105-16	02-107-16	02-109-16
18,5	7 1/4	02-105-18	02-107-18	
20,0	8	02-105-20	02-107-20	



Grazil
Fig. 1-3 straight

cm	in.	Fig. 1	Fig. 2	Fig. 3
13,0	5		02-122-13	
14,5	5 1/2	02-120-14	02-122-14	02-124-14



Grazil
Fig. 1-3 curved

cm	in.	Fig. 1	Fig. 2	Fig. 3
13,0	5		02-127-13	
14,5	5 1/2	02-125-14	02-127-14	02-129-14



Schink
01-880-00
30 cm / 12"

Dermatome, adjustable from 0,1
to 2,0 mm, compl., with
1 interchangeable blade and
2 skin straightening blades



01-800-00
 cutting length 7.5 cm / 3"
 both sides hollow ground, metal handle



01-811-00
 cutting length 8 cm / 3 1/4"
 hollow ground - flat, metal handle



01-815-00
 cutting length 8 cm / 3 1/4"
 hollow ground-flat, black handle



Thiersch
01-821-00
 Transplantation Knives



Rehn
01-824-00
 Transplantation Knives



$\frac{1}{2}$
Vaughan
01-782-12
12 cm / 4 $\frac{3}{4}$ "

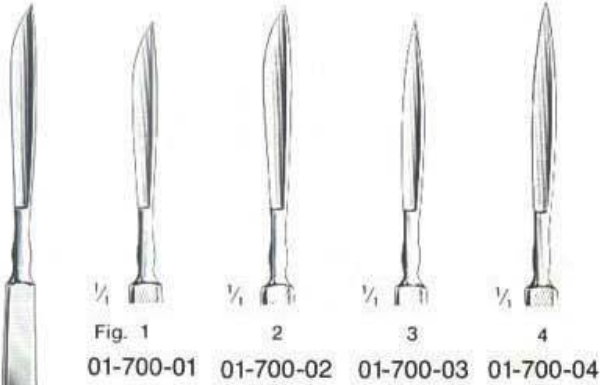


$\frac{1}{2}$
Graefe
01-790-14
14 cm / 5 $\frac{1}{2}$ "

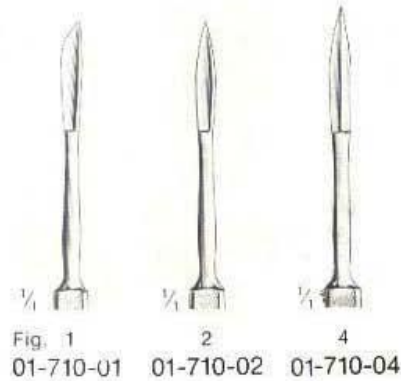


$\frac{1}{2}$
Svend-Hanssen
01-794-14
14 cm / 5 $\frac{1}{2}$ "





1/4
Adams
 01-700-01 – 04
 Fig. 1-4



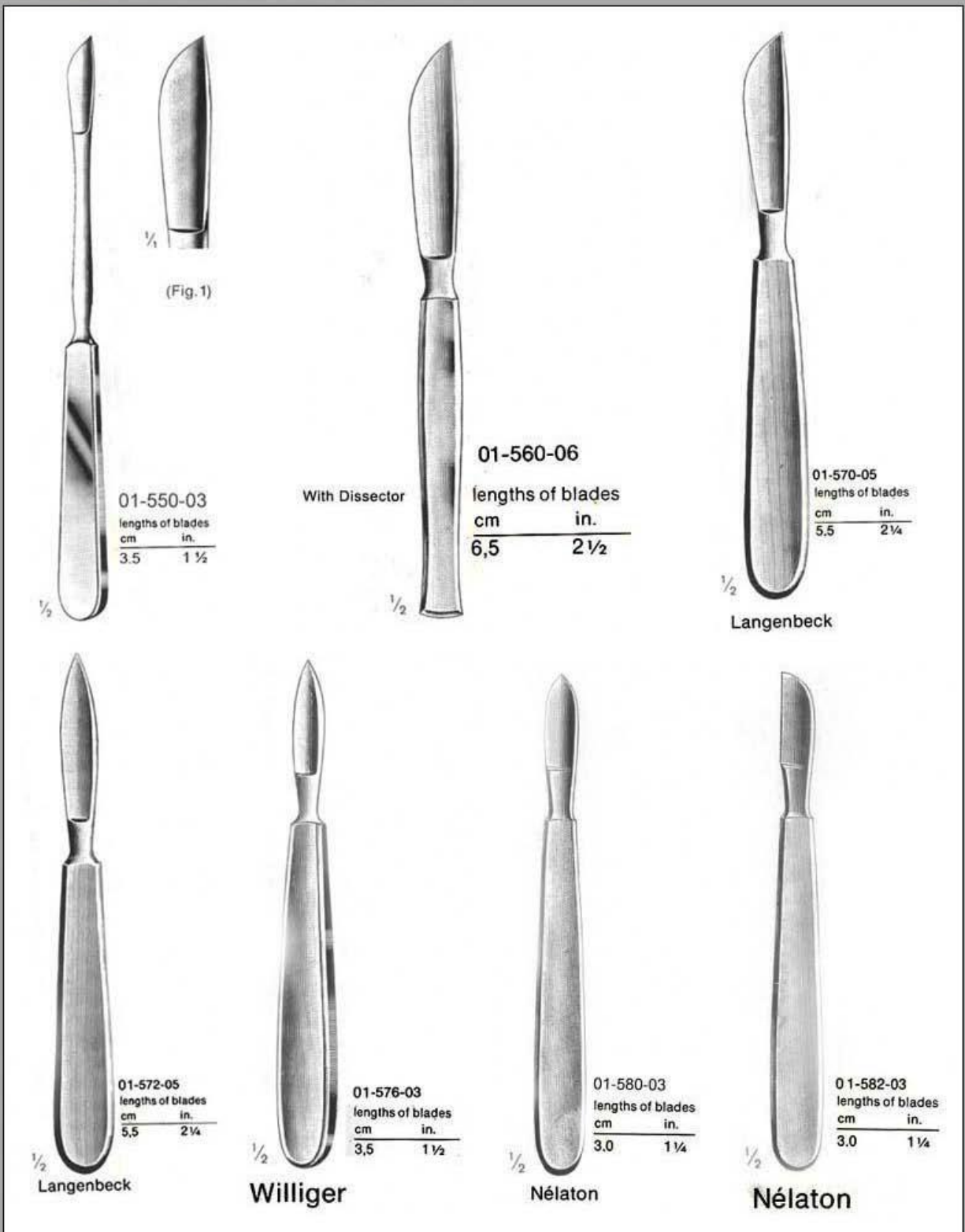
1/4
Parker
 01-710-01 – 04
 Fig. 1, 2, 4



Dieffenbach
01-660-01
13 cm / 5"



Dieffenbach
01-660-02
13 cm / 5"





Amputating knives
 lengths of blades

	cm	in
02-500-13	13,0	5
02-500-16	16,0	6 ¼
02-500-19	19,0	7 ½
02-500-22	22,0	8 ¾
02-500-28	28,0	11 ¼



Catlin
 amputating knives
 lengths of blade

	cm	in
01-506-16	16,0	6 ¼
01-506-19	19,0	7 ½
01-506-22	22,0	8 ¾



Liston
 amputating knives
 lengths of blade

	cm	in
01-510-17	17,0	6 ¾
01-510-20	20,0	8



Langenbeck
 flap knife
 lengths of blade

	cm	in
01-520-12	12,0	4 ¾



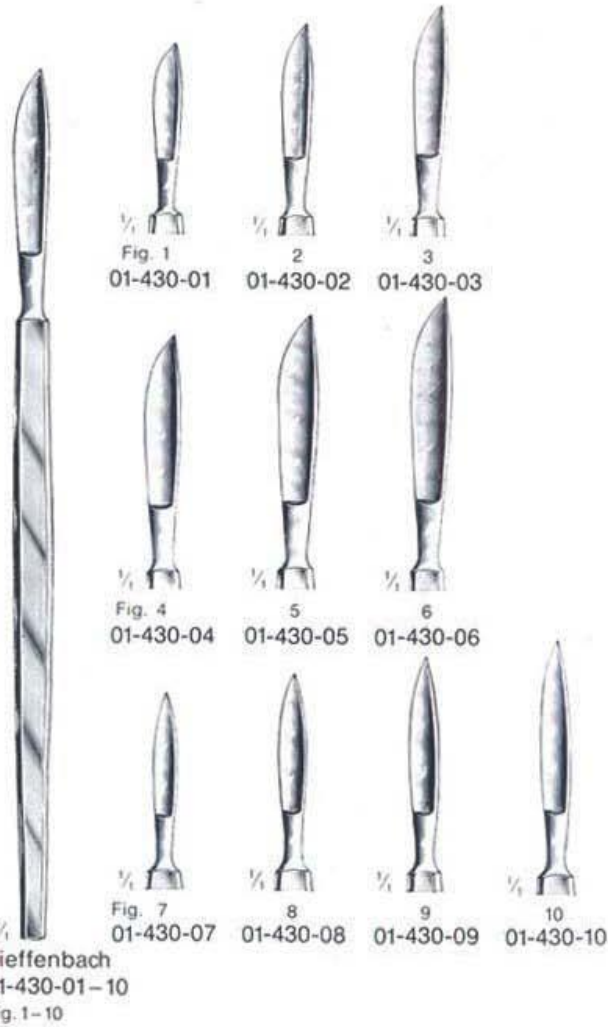
phalangeal knife
 lengths of blade

	cm	in
01-530-09	9,5	3 ¾

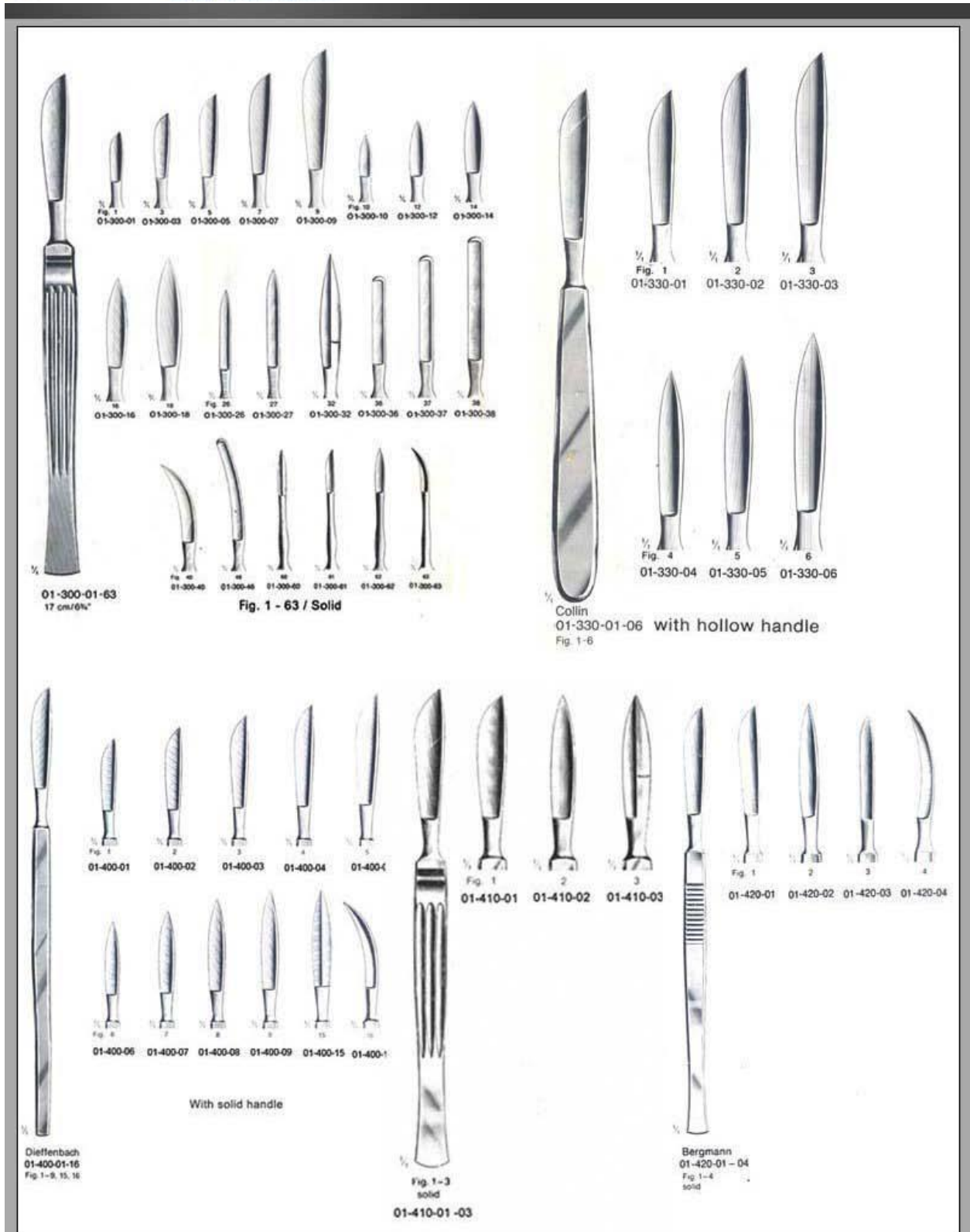


interosseous knife
 lengths of blade

	cm	in
01-540-11	11,0	4 ¼



Hartmann
01-454-00
 Pocket Scalpel,
 reversible, the handle serving
 as an alcohol container







Troutman-Chris
 01-090-09
 Ø 5,5 mm
 9 cm / 3½"



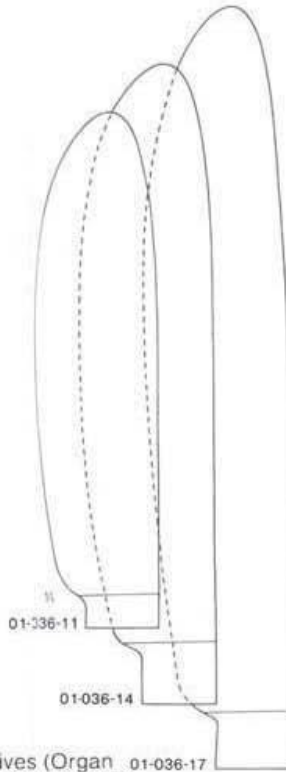
Troutman-Chris
 01-091-09
 Ø 5,5 mm
 9 cm / 3½"



01-092-11
 11 cm / 4½"
 11 cm / 4½"



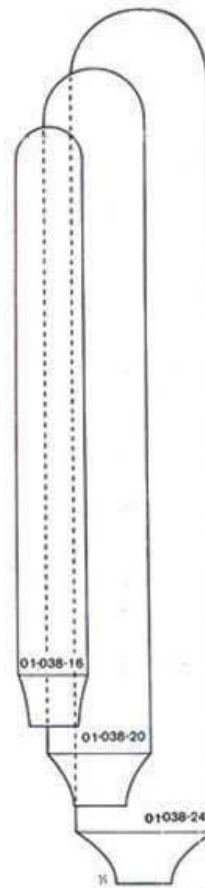
Castroviejo
 01-094-13
 Ø 8 mm
 13 cm / 5¼"



Post Mortem Knives (Organ Knives), with wooden handles



Walb
 01-036-11
 01-036-14
 01-036-17



Brain Knives, with metal handles



Virchow
 01-038-16
 01-038-20
 01-038-24