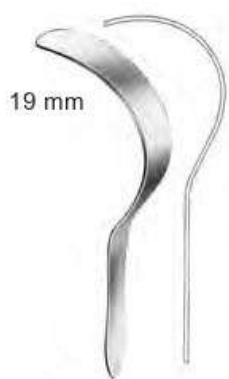


Wundhaken
Retractors
Separadores
Divaricatori



DEAVER
19180-19
19 cm, 7 1/2"



DEAVER
19181-22
21,5 cm, 8 1/2"



DEAVER
19181-25
23 cm, 9"



DEAVER
19183-25
30 cm, 11 3/4"



DEAVER
19185-25
33 cm, 13"



DEAVER
19187-25
36 cm, 14"

Wundhaken
Retractors
Separadores
Divaricatori



38 mm

DEAVER
19187-38 38x300 mm
30 cm, 11 ³/₄"



50 mm

DEAVER
19187-50 50x300 mm
31 cm 12 ¹/₄"



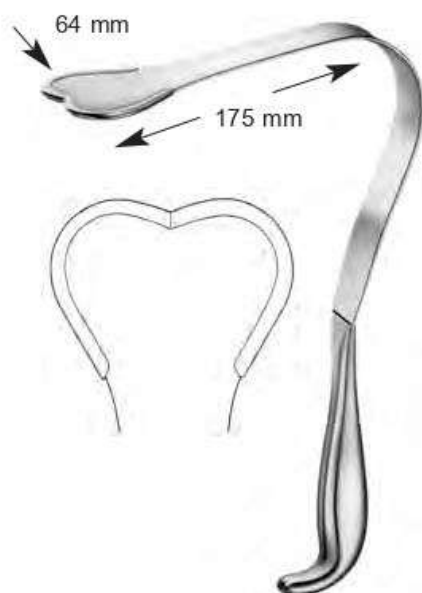
75 mm

DEAVER
19187-75 75x300 mm
32 cm, 12 ³/₄"

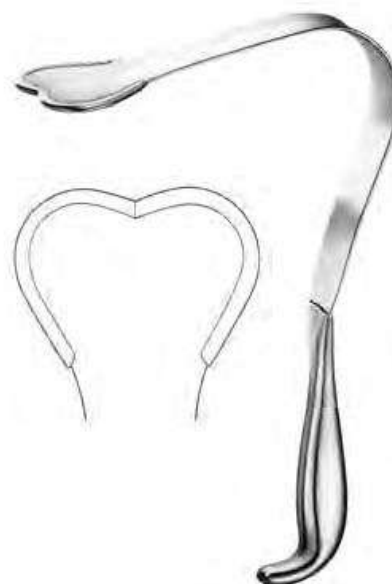


DEAVER GRIP
19189-25 25x310 mm
19189-38 38x310 mm
19189-50 50x310 mm
19189-75 75x310 mm
31 cm 12 ¹/₄"

Wundhaken
Retractors
Separadores
Divaricatori



HARRINGTON-PEMBERTON
19190-64
29,5 cm 11 ³/₄"



HARRINGTON
19191-25 25x230 mm
19191-40 40x320 mm
19191-62 62x320 mm



TUFFIER
19192-23

Wundhaken
Retractors
Separadores
Divaricatori

rechts
right
a la derecha
a destra
(45 mm x 48 mm)



COOLEY
19195-01
21,5 cm, 8 1/2"

rechts, gerieft
right serrated
a la derecha, estriado
a destra, zigrinato
(45 mm x 48 mm)



COOLEY
19195-02
21,5 cm, 8 1/2"

links
left
a la izquierda
a sinistra
(24 mm x 48 mm)



COOLEY
19195-03
23 cm, 9"

Hauthäkchen
Nerve and wound hooks
Ganchos y ganchitos para nervios
Uncini per nervi e divaricatori fini



GRAEFE
19210-12
scharf
sharp
agudo
acuto



GRAEFE
19211-12
stumpf
blunt
romo
smusso



12 cm, 4 3/4"



GUTHRIE
19212-01



GUTHRIE
19212-02



scharf
sharp
agudo
acuto
A



stumpf
blunt
romo
smusso
B

FRAZIER

A	19214-13	13 cm, 5"
A	19214-18	18 cm, 7"
B	19215-13	13 cm, 5"
B	19215-18	18 cm, 7"



LAHEY
12 cm, 4 3/4"



19215-01



19215-02



19215-03



JOSEPH
16 cm, 6 1/4"



19216-01



19216-02
2 mm



19216-05
5 mm



19216-07
7 mm



19216-10
10 mm



KLEINERT-KUTZ
13 cm, 5 1/8"



19217-03



19217-05



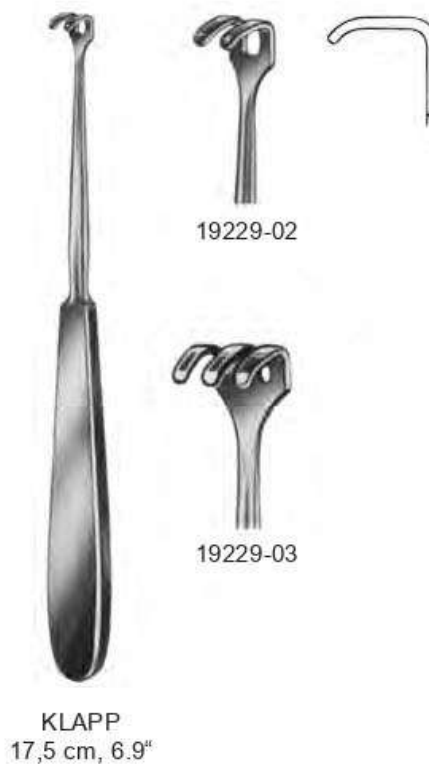
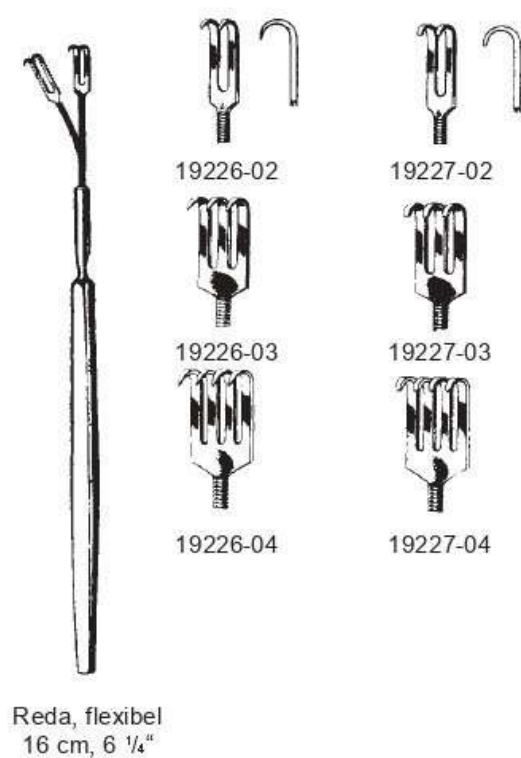
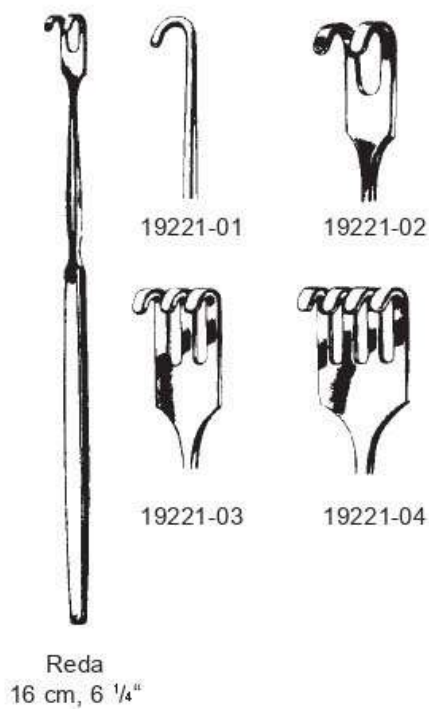
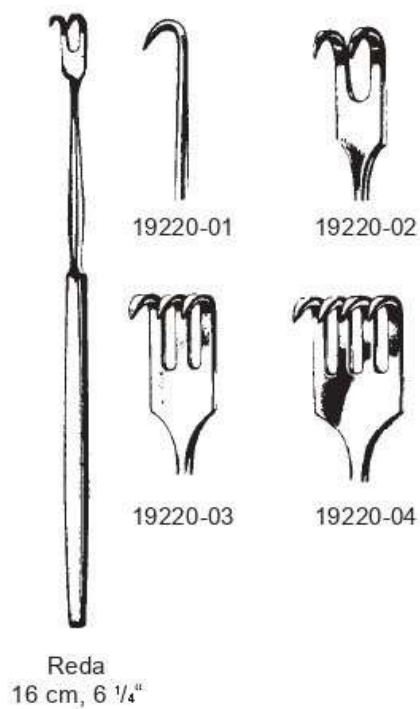
19217-07

Hauthäkchen

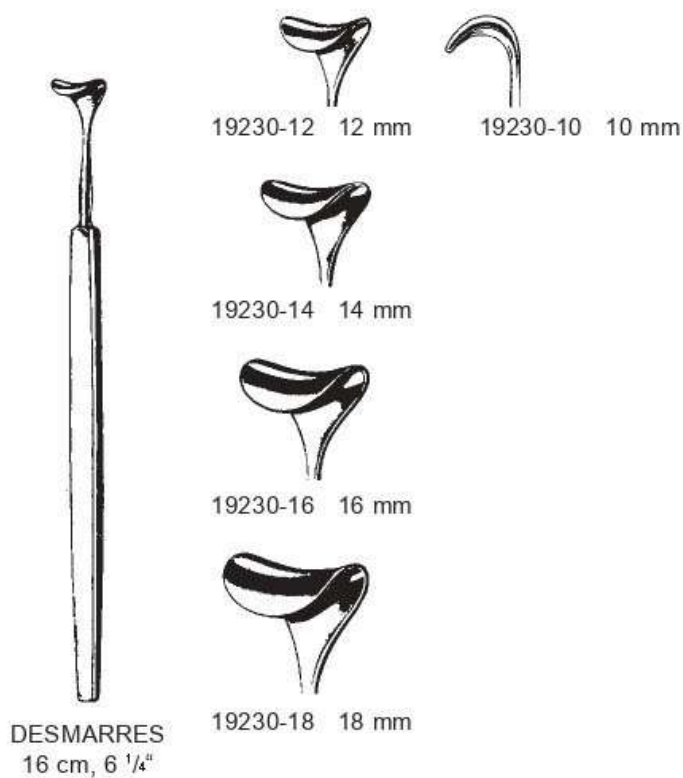
Nerve and wound hooks

Ganchos y ganchitos para nervios

Uncini per nervi e divaricatori fini



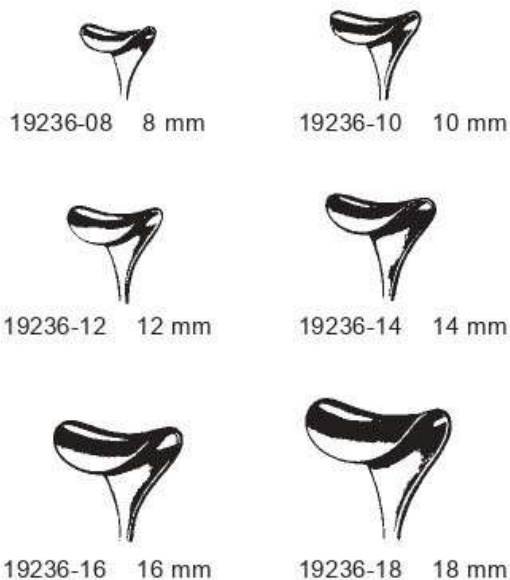
Wundhaken
Retractors
Separadores
Divaricatori



Wundhaken
Retractors
Separadores
Divaricatori

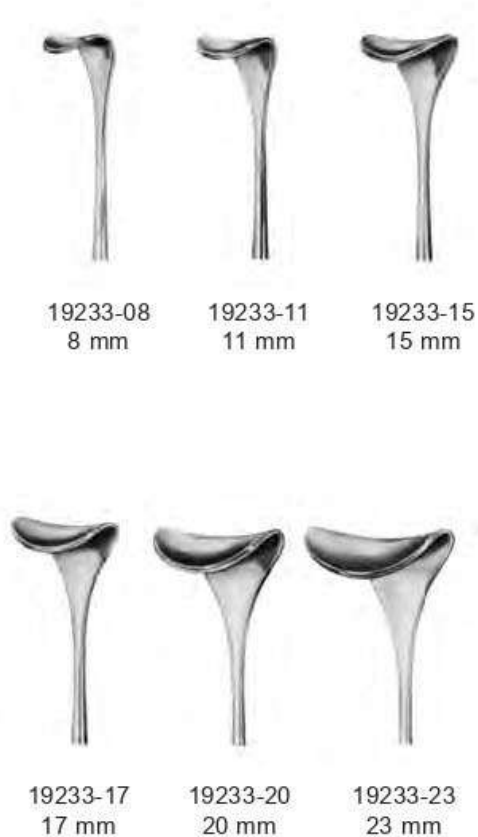


CUSHING
24 cm, 9 1/2"



GIL-VERNET
19233-08 - 19233-23
24 cm, 9 1/2"

biegsam
malleable
maleable
malleabile



Wundhaken
Retractors
Separadores
Divaricatori



CUSHING
19234-20
20 cm, 8"



CUSHING
19235-21
21,5 cm, 8 1/2"



19236-01
13x13 mm



19236-02
12x16 mm

KÖNIG
18 cm, 7"



19240-10 10x6 mm



19240-20 20x6 mm

SENN-GREEN
15 cm, 6"



19250-16
16x6 mm



19250-24
24x6 mm

LANGENBECK-GREEN
16 cm, 6 1/4"



VOLKMANN
11,5 cm, 4 1/2"



19270-03



19270-04



19270-06



19270-06



19271-03



19271-03



19271-04



19271-06

Wundhaken
Retractors
Separadores
Divaricatori



19280-01



19280-02



19280-03



19280-04



19280-06



scharf
sharp
agudo
acuto



19281-01



19281-02



19281-03



19281-04



19281-06



stumpf
blunt
romo
smusso



19282-02



19282-03



19282-04



19282-06

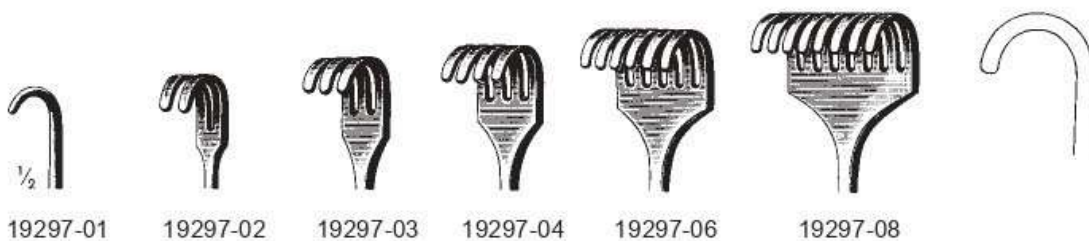
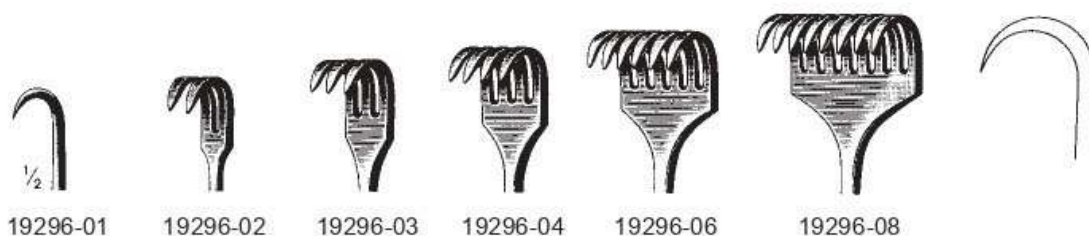


halbscharf
semi-sharp
medio romo
mezzo smusso



VOLKMANN
21,5 cm, 8 1/2"

Wundhaken
Retractors
Separadores
Divaricatori



KOCHER
19296-01 - 19297-08
22 cm, 8 3/4"

Wundhaken, Knochenhaken
 Retractors, Bone Retractors
 Separadores, Separadores oseos
 Divaricatori, Divaricatori per ossa



23 mm

scharf
 sharp
 agudo
 acuto

VOLKMANN
 19298-01
 22 cm 8 ³/₄"



23 mm

stumpf
 blunt
 romo
 smusso

VOLKMANN
 19299-01
 22 cm 8 ³/₄"



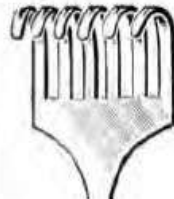
2



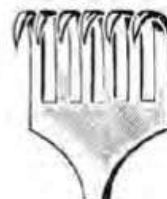
3



4



6



6



4



3



2

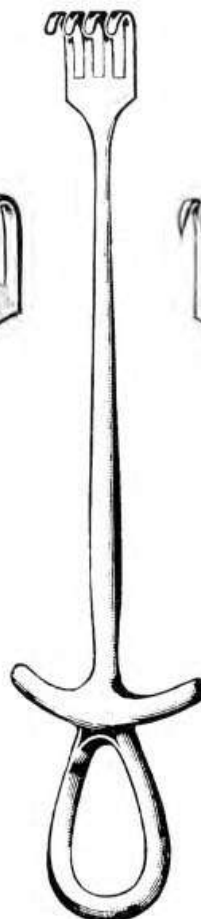
Zähne
 teeth
 dientes
 denti

stumpf
 blunt
 romo
 smusso

19301-02 8x 8 mm
 19301-03 8x13 mm
 19301-04 8x18 mm
 19301-06 8x28 mm

scharf
 sharp
 agudo
 acuto

19300-02 8x 8 mm
 19300-03 8x13 mm
 19300-04 8x18 mm
 19300-06 8x28 mm



MURPHY
 19,4 cm 7 ⁵/₈"

Wundhaken
Retractors
Separadores
Divaricatori



MEYERDING
18 cm, 7"



19302-01 18x7 mm



19302-04 7x4 mm



19302-02 16x5 mm



19302-05 10x3 mm



19302-03 7x4 mm



19302-06 10x4 mm



28x6 mm

LAHEY
19304-19
19 cm, 7 1/2"



12x14 mm

LITTLE
19306-20
20 cm, 8"



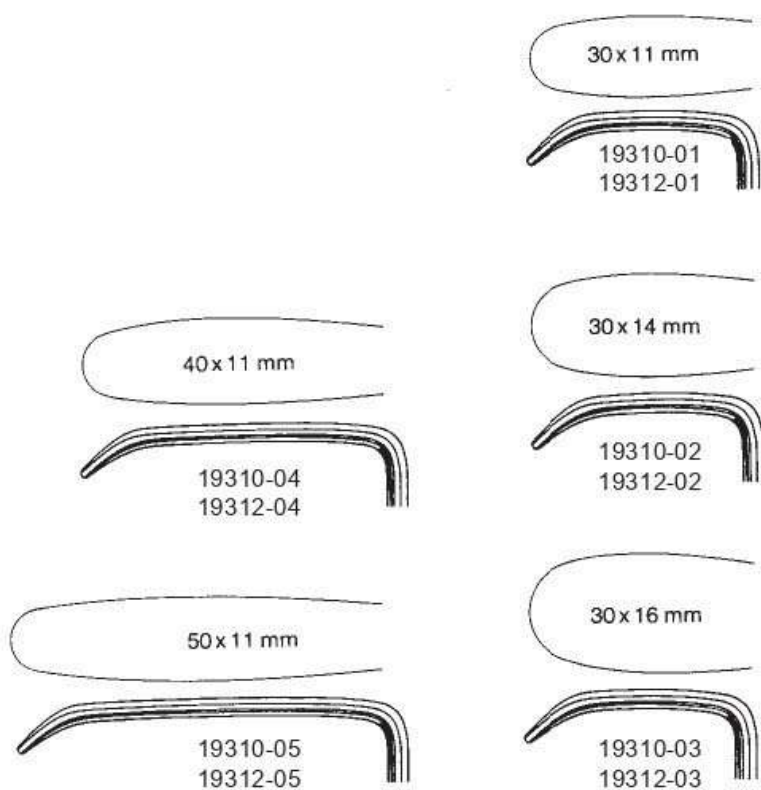
19307-01



19307-02

STRANDELL-STILLE
17 cm 6 3/4"

Wundhaken
Retractors
Separadores
Divaricatori



LANGENBECK
19310-01 - 19310-05
22 cm, 8 3/4"

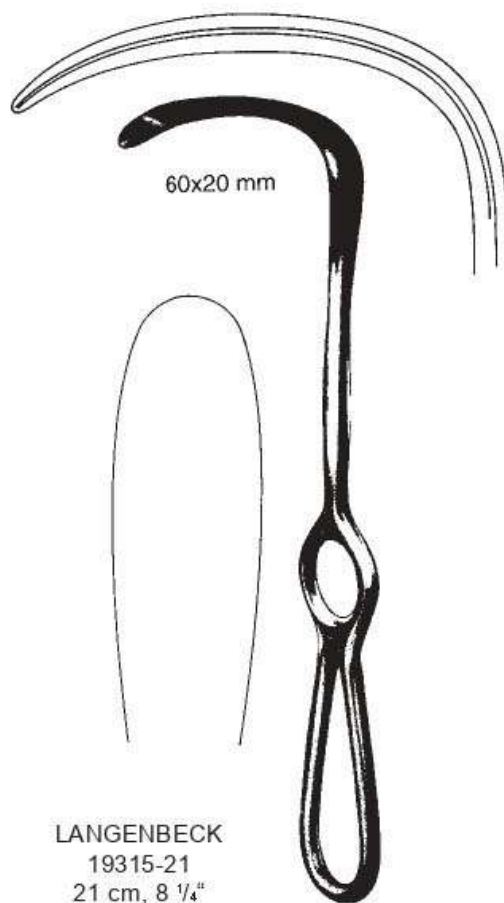
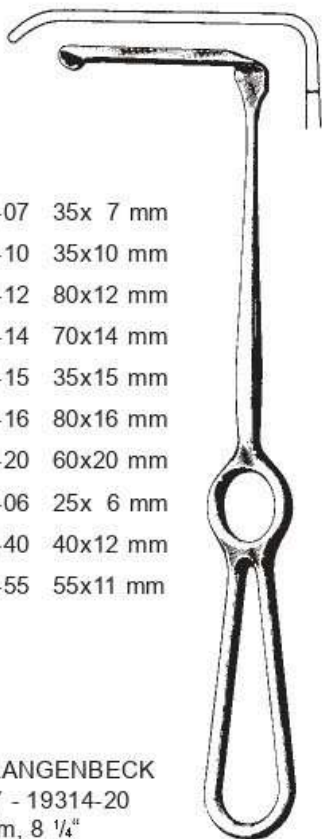


LANGENBECK
19312-01 - 19312-05
21 cm, 8 1/4"

Wundhaken
Retractors
Separadores
Divaricatori

19314-07 35x 7 mm
19314-10 35x10 mm
19314-12 80x12 mm
19314-14 70x14 mm
19314-15 35x15 mm
19314-16 80x16 mm
19314-20 60x20 mm
19315-06 25x 6 mm
19330-40 40x12 mm
19330-55 55x11 mm

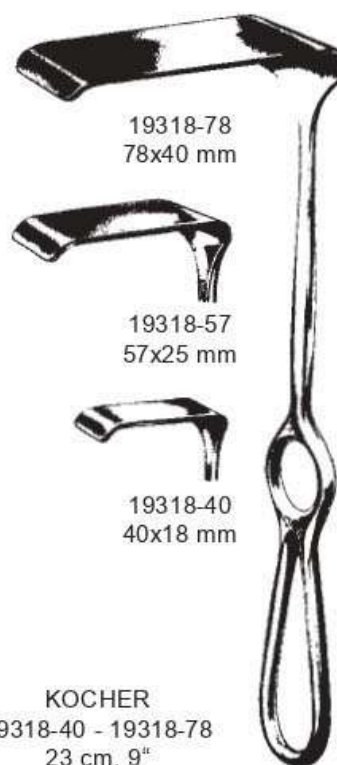
KOCHER-LANGENBECK
19314-07 - 19314-20
21 cm, 8 1/4"



LANGENBECK
19315-21
21 cm, 8 1/4"

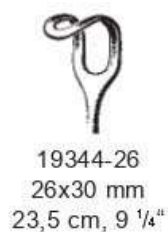
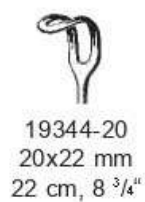
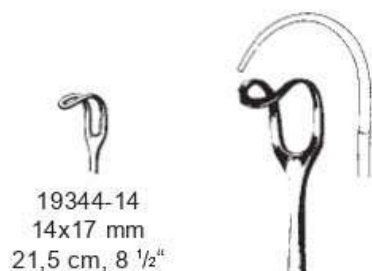


LANGENBECK
19317-21
21 cm, 8 1/4"

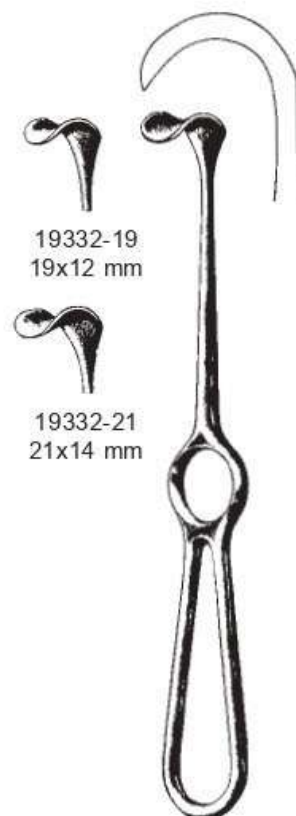


KOCHER
19318-40 - 19318-78
23 cm, 9"

Wundhaken
Retractors
Separadores
Divaricatori



MIDDELDORF
19344-14 - 19344-26



KOCHER
19332-19 - 19332-21
19 cm, 7 1/2"



MIDDELDORF
19345-01 45x45 mm
25,5 cm, 10"



19345-02
45x50 mm



19345-03
55x70 mm



GREEN
19348-22
22 cm, 8 3/4"

Wundhaken
Retractors
Separadores
Divaricatori



35 x 8 mm

ZENKER
19350-35
25 cm, 10"



60 x 12 mm

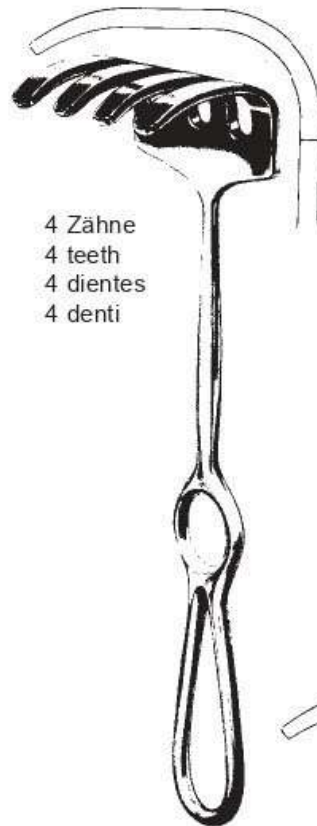
ZENKER
19350-60
26 cm, 10 1/4"



75 x 12 mm

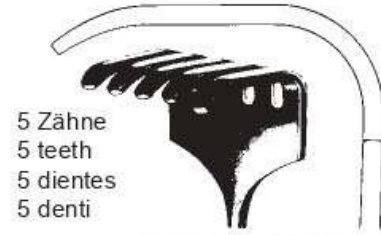
ZENKER
19350-70
27,5 cm, 10.8"

Wundhaken
Retractors
Separadores
Divaricatori



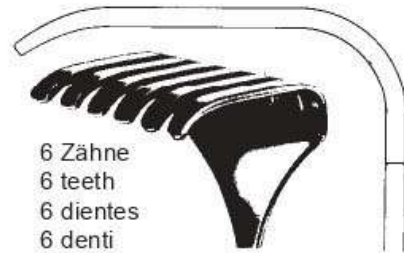
4 Zähne
4 teeth
4 dientes
4 denti

ISRAEL
19364-40 40x40 mm
25 cm, 10"



5 Zähne
5 teeth
5 dientes
5 denti

19364-50 45x50 mm



6 Zähne
6 teeth
6 dientes
6 denti

19364-60 50x60 mm



6 Zähne
6 teeth
6 dientes
6 denti

19364-70 70x70 mm

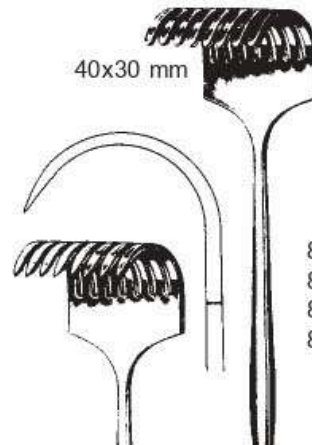


35x55 mm

4 Zähne
4 teeth
4 dientes
4 denti

OLLIER

19360-04 22,5 cm, 8.9"



40x30 mm

8 Zähne
8 teeth
8 dientes
8 denti

spitz
sharp
agudo
acuto

stumpf
blunt
romo
smusso

KOERTE

19366-08 23,5 cm, 9 1/4" 19367-08

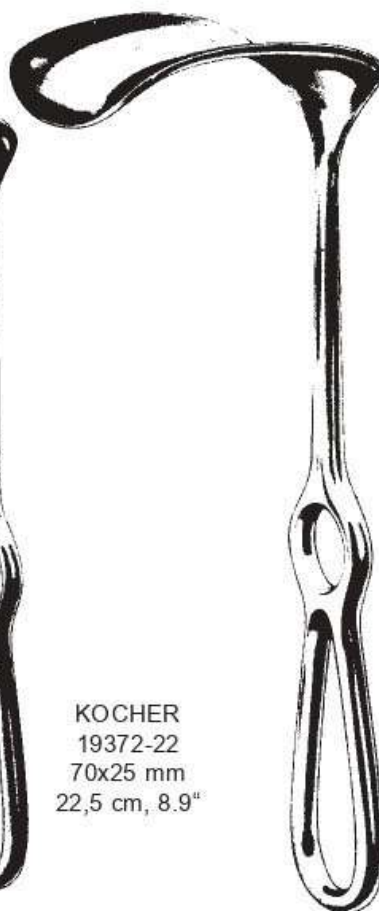
Wundhaken
Retractors
Separadores
Divaricatori



FRITSCH
19370-40 45x40 mm
19370-50 45x50 mm
19370-60 45x60 mm
19370-75 45x75 mm
19370-85 65x85 mm
24 cm, 9 1/2"



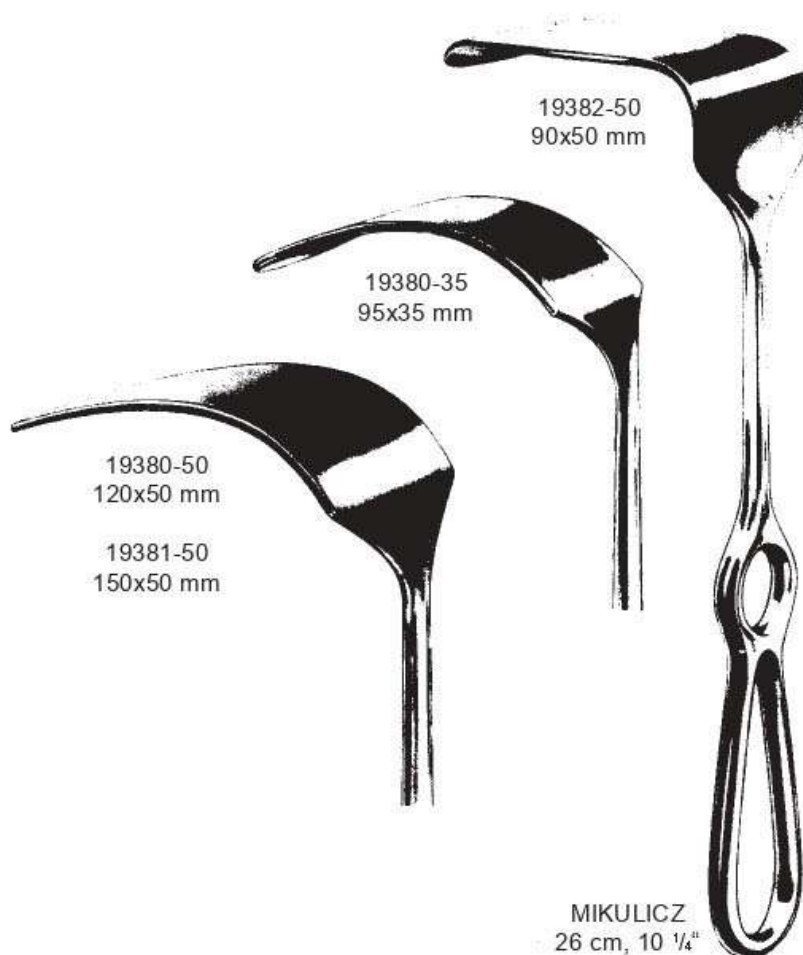
KOCHER
19372-22
70x25 mm
22,5 cm, 8.9"



KOCHER
19374-45 80x45 mm
19374-55 80x55 mm
19374-65 80x65 mm
25 cm, 10"



DOYEN
19378-25
25 cm, 10"



MIKULICZ
26 cm, 10 1/4"

Wundhaken
Retractors
Separadores
Divaricatori

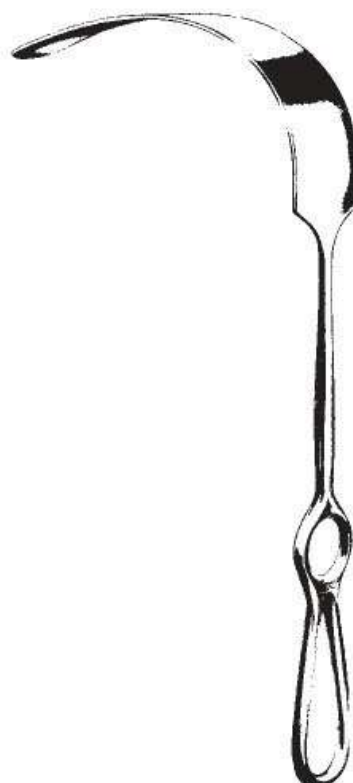


19388-40 70x40 mm
19388-50 70x50 mm
19388-65 70x65 mm

MORRIS
24,5 cm
9 3/4"



SIMON
19480-22 115x22 mm
19480-27 115x27 mm
28 cm, 11"



KELLY
19385-38 160x38 mm
19385-57 160x57 mm
27 cm, 10 1/2"



19482-82
82x28 mm

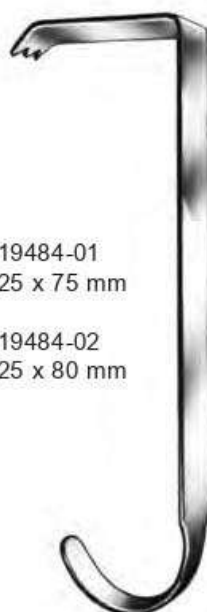


19482-73
73x28 mm



19482-45
45x25 mm

HEANEY
19482-45 - 19482-82
27 cm, 10 1/2"



19484-01
25 x 75 mm

19484-02
25 x 80 mm

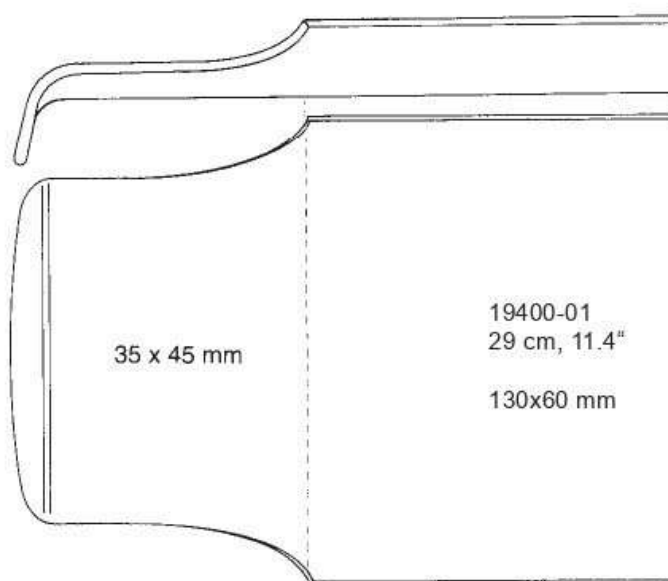
HIBBS
24 cm, 9 1/2"



125x37 mm

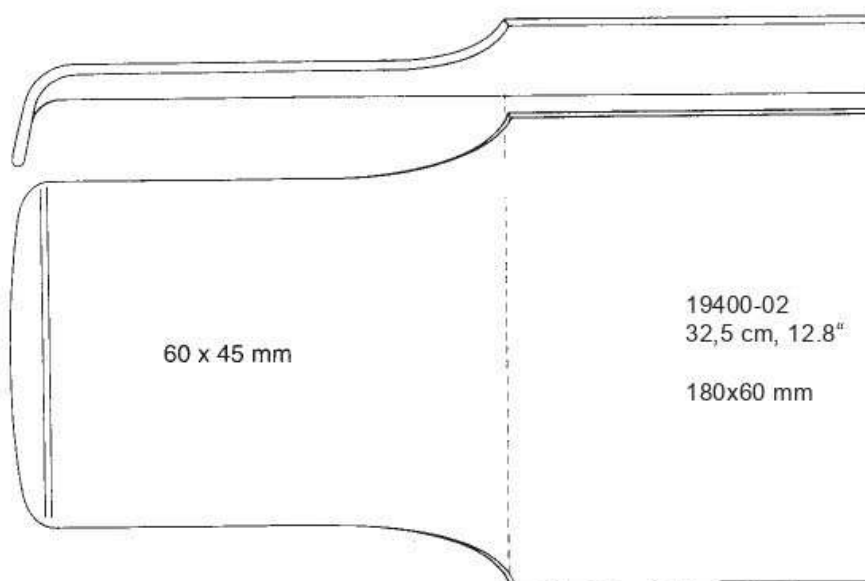
SAUERBRUCH
19492-25
25 cm, 10"

Wundhaken
Retractors
Separadores
Divaricatori

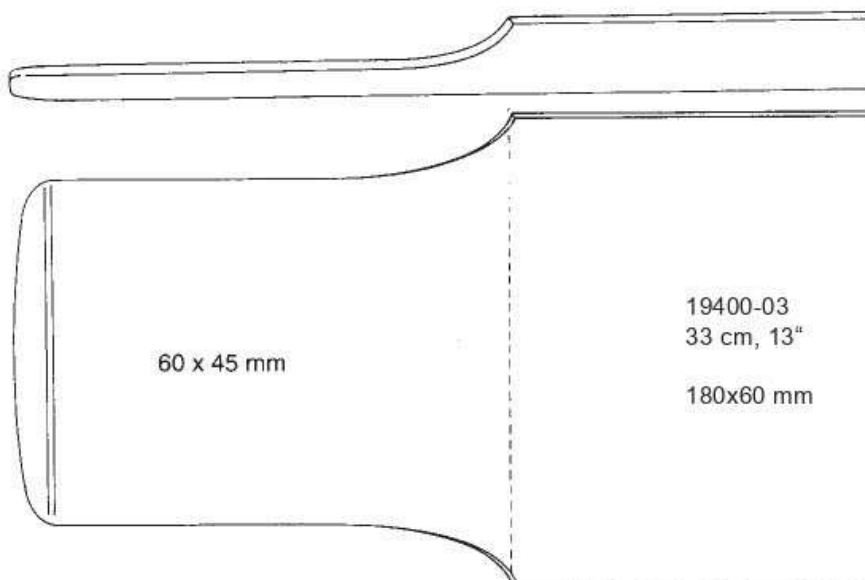


19400-01
29 cm, 11.4"
130x60 mm

Pelvis-Haken
Pelvis retractor
Retractor de pelvis
Divaricatori pelvici



19400-02
32,5 cm, 12.8"
180x60 mm

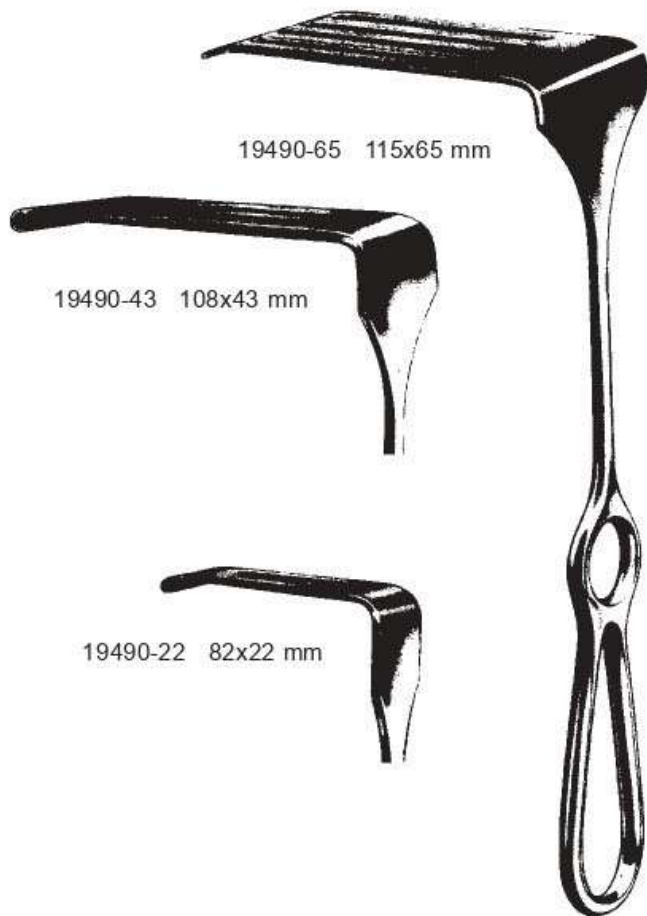


19400-03
33 cm, 13"
180x60 mm



ST. MARKS
19400-01 19400-03

Wundhaken
Retractors
Separadores
Divaricatori

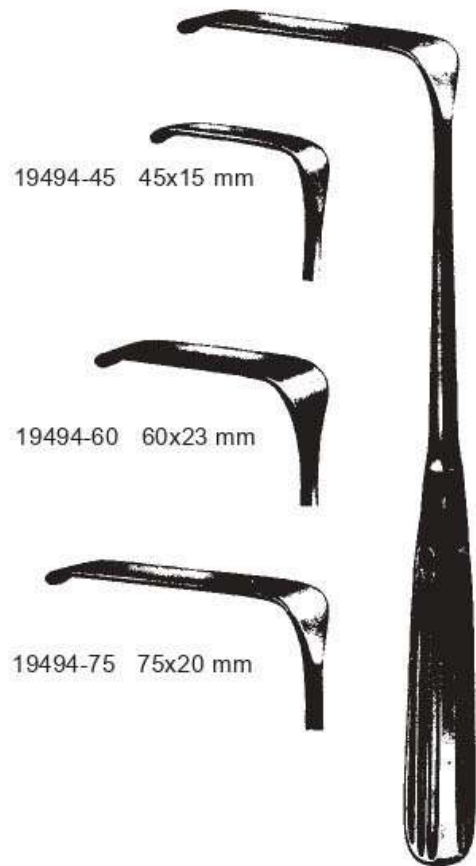


19490-65 115x65 mm

19490-43 108x43 mm

19490-22 82x22 mm

CORYLLOS (Thorax)
19490-22 - 19490-65
24 cm, 9 1/2"



19494-45 45x15 mm

19494-60 60x23 mm

19494-75 75x20 mm

SAUERBRUCH
19494-45 - 19494-75
22,5 cm, 8.9"



DAVIDSON (Scapula)
19496-50 75x50 mm



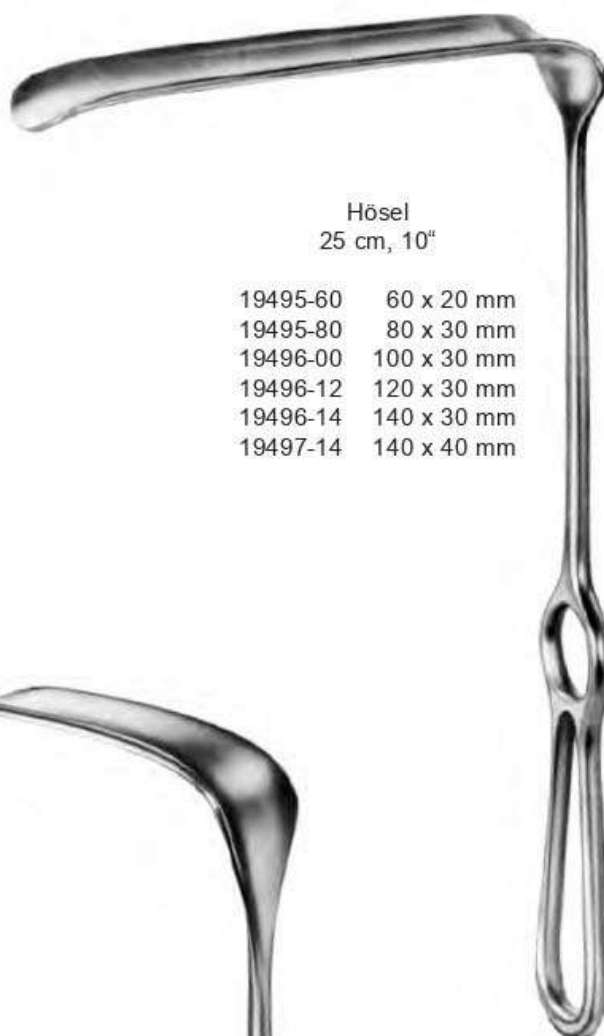
DAVIDSON (Scapula)
19496-90 75x90 mm

Wundhaken
Retractors
Separadores
Divaricatori



Brunner
25 cm, 10"

19493-80	80 x 20 mm
19494-00	100 x 25 mm
19494-12	120 x 25 mm
19494-13	130 x 30 mm
19494-14	140 x 30 mm
19494-16	160 x 30 mm
19494-18	180 x 30 mm



Hösel
25 cm, 10"

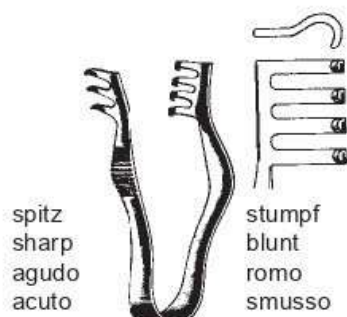
19495-60	60 x 20 mm
19495-80	80 x 30 mm
19496-00	100 x 30 mm
19496-12	120 x 30 mm
19496-14	140 x 30 mm
19497-14	140 x 40 mm



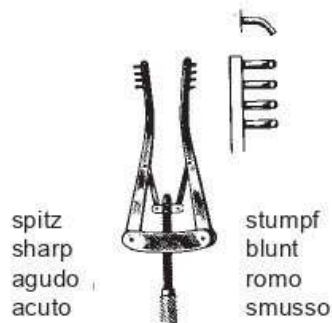
Doyen-Stille
25 cm, 10"

19498-01	97 x 29 mm
19498-02	101 x 31 mm
19498-03	127 x 52 mm

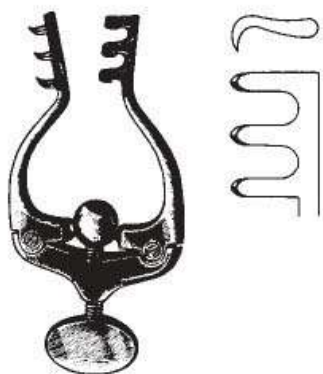
Wundsperrer
Retractors
Separadores
Divaricatori



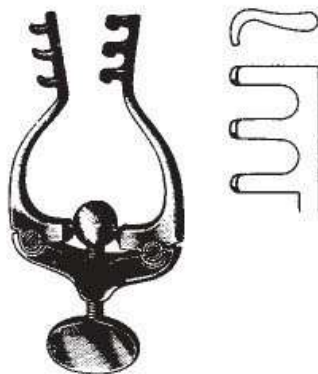
FINSEN
19610-07 7 cm, 2 3/4" 19611-07



ALM
19620-07 7 cm, 2 3/4" 19621-07
19620-10 10 cm, 4" 19621-10



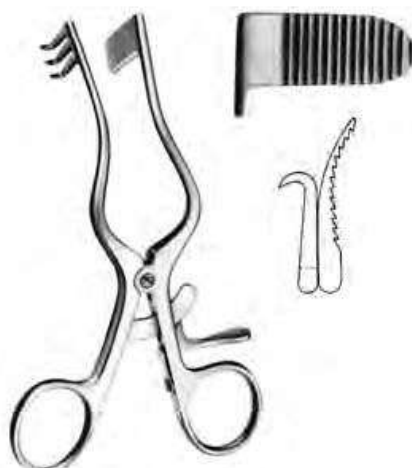
JANSEN
19630-10
10 cm, 4"



JANSEN
19631-10
10 cm, 4"



HOLZHEIMER
19634-10 19635-10
10 cm, 4"

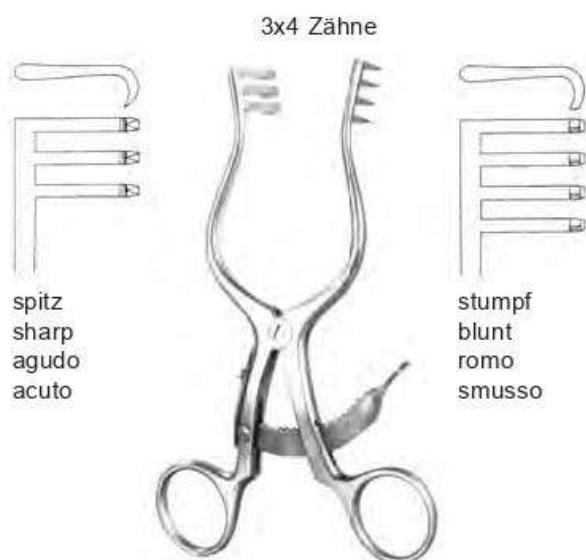


PERKINS
19636-14
13 cm, 5 1/8"

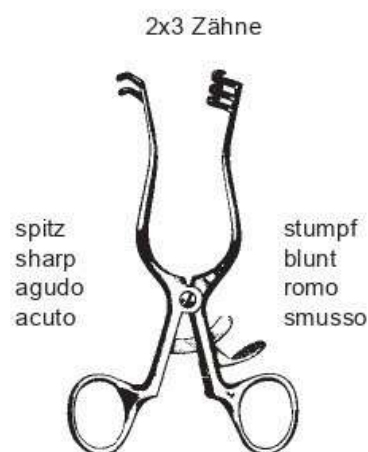


PERKINS
19637-14
13 cm, 5 1/8"

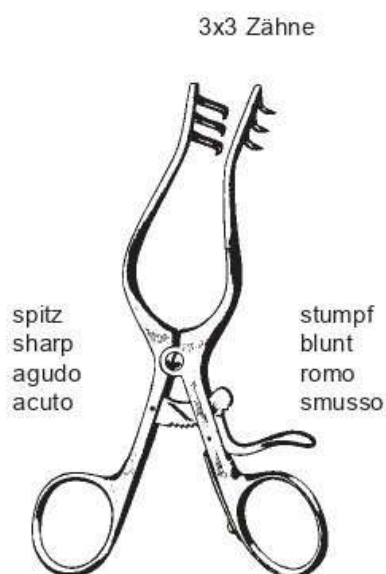
Wundsperrer
Retractors
Separadores
Divaricatori



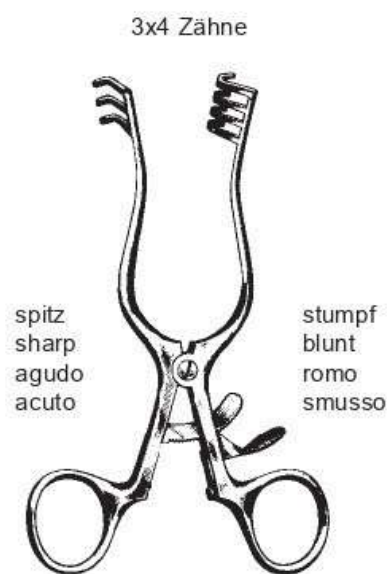
SCALP-CONTOUR
19640-14 - 19641-14
13,5 cm, 5 1/4"



WEITLANER
19650-10 19651-10
11,5 cm, 4 1/2"



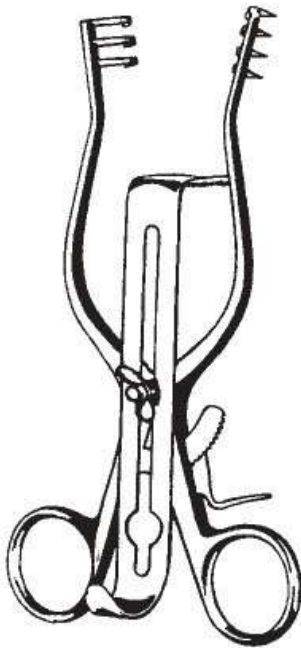
WEITLANER-WULLSTEIN
19654-13 19655-13
13 cm, 5 1/8"



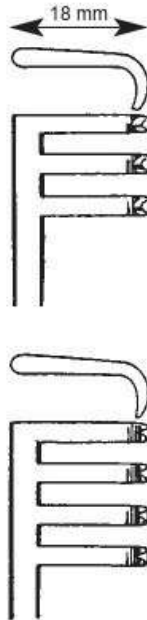
WEITLANER

19670-14	14,0 cm, 5 1/2"	19671-14
19670-16	16,5 cm, 6 1/2"	19671-16
19670-20	20,0 cm, 8"	19671-20
19670-24	24,0 cm, 9 1/2"	19671-24

Wundsperrer
Retractors
Separadores
Divaricatori



HENLEY
19675-00 - 19677-32
16,5 cm, 6 1/2"



19675-00 komplett, stumpf, 3x4 Z. und 3 Valven
19675-00 complete, blunt, 3x4 teeth and 3 blades
19675-00 completo, romo, 3x4 dientes y 3 valvas
19675-00 completo, smusso, 3x4 d. e 3 valve

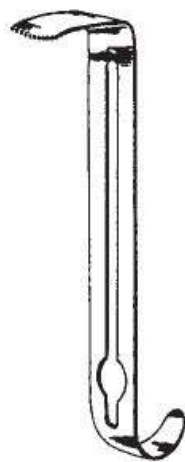
19676-00 komplett, scharf, 3x4 Z. und 3 Valven
19676-00 complete, sharp, 3x4 teeth and 3 blades
19676-00 complete, agudo, 3x4 dientes y 3 valvas
19676-00 completo con retr. acuto 3x4 d. e 3 valve

19678-05 Retraktor allein, stumpf 3x4 Zähne
19678-05 Retractor only, blunt 3x4 teeth
19678-05 Separador solo, romo, 3x4 dientes
19678-05 Retrattore solo, smusso 3x4 denti

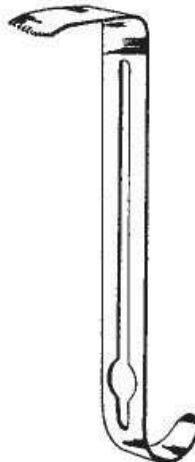
19678-06 Retraktor allein, spitz 3x4 Zähne
19678-06 Retractor only, sharp 3x4 teeth
19678-06 Separador solo, agudo, 3x4 dientes
19678-06 Retrattore solo, acuto 3x4 denti



19677-19
16x19 mm
5/8" x 3/4"



19677-25
16x25 mm
5/8" x 1"

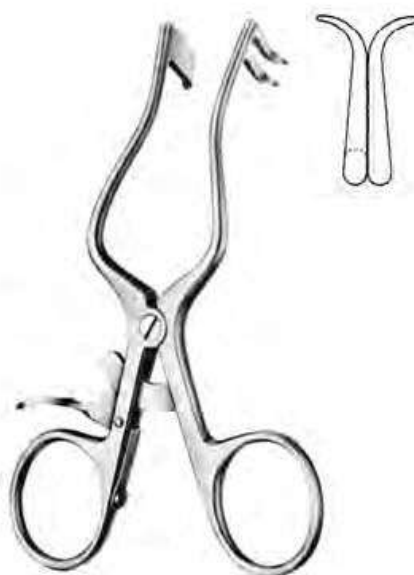


19677-32
16x32 mm
5/8" x 1 1/4"

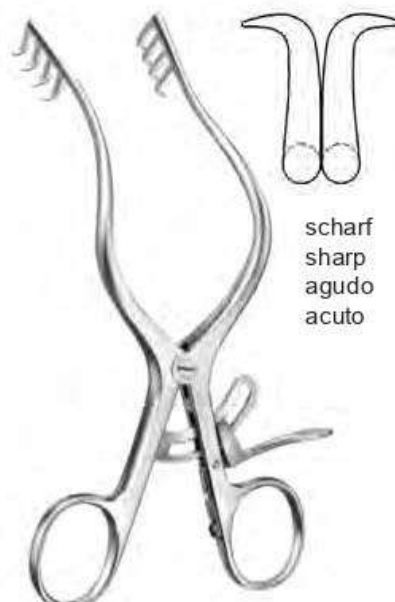
Wundsperrer
Retractors
Separadores
Divaricatori



PLESTER
19672-11 11 cm, 4 $\frac{3}{8}$ "
stumpf - blunt - romo - smusso



PLESTER
19673-11 11 cm, 4 $\frac{3}{8}$ "
stumpf - blunt - romo - smusso



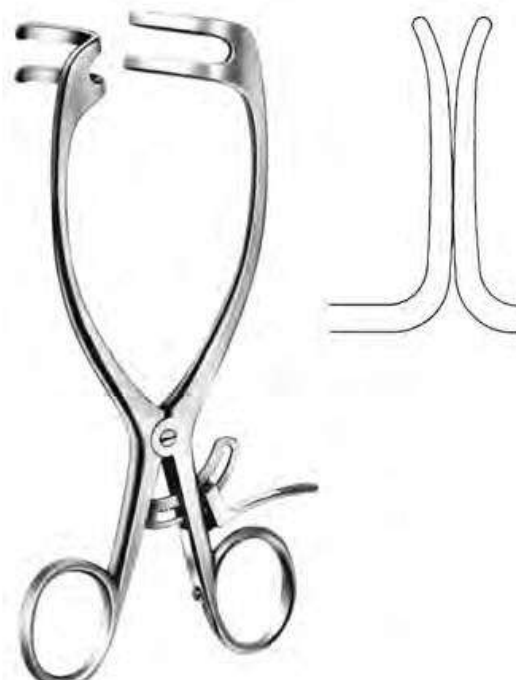
MOLLISON
19674-15 15 cm, 6"
scharf
sharp
agudo
acuto



WULLSTEIN
19675-13
13 cm, 5 $\frac{1}{8}$ "

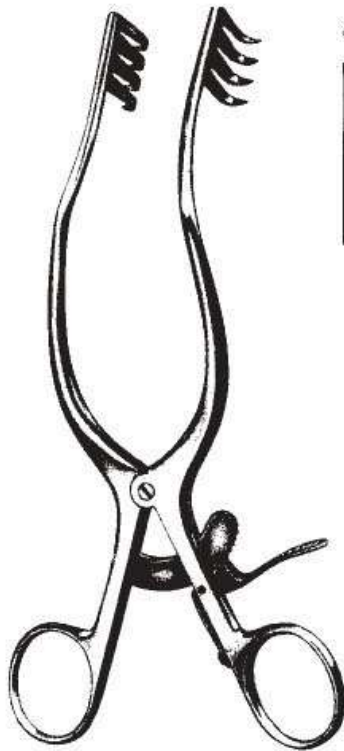


PLESTER
19677-13
13 cm, 5 $\frac{1}{8}$ "

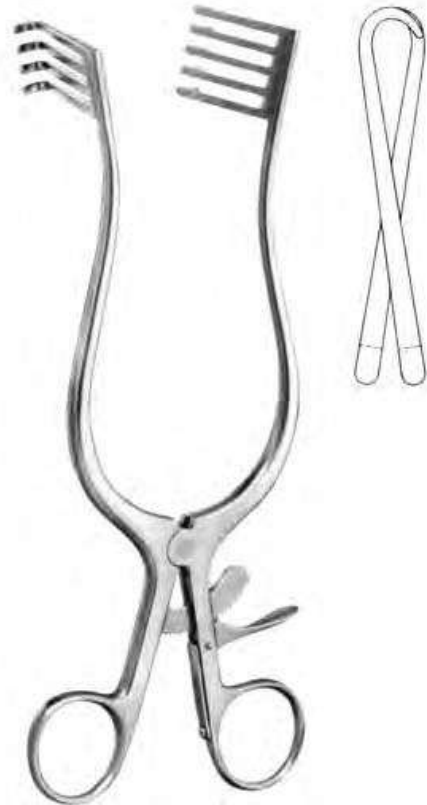
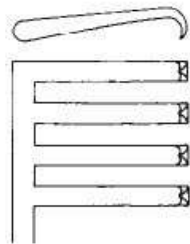


MAYO-ADAMS
19678-16
16,5 cm, 6 $\frac{1}{2}$ "

Wundsperrer
Retractors
Separadores
Divaricatori



ANDERSON ADSON
19679-20 19,5 cm, 7 ³/₄"



NORFOLK / NORWICH
19679-22 22 cm, 8 ³/₄"



spitz
sharp
agudo
acuto

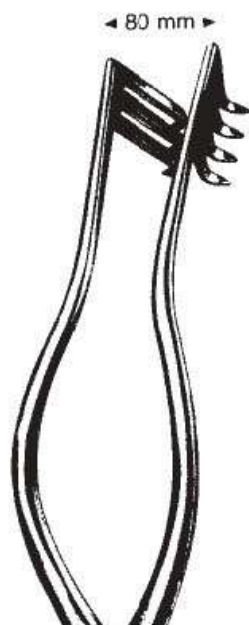
ADSON
19680-19 19 cm, 7 ¹/₂" 19681-19

stumpf
blunt
romo
smusso

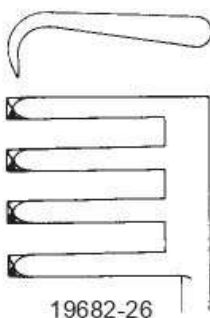


TRAVERS
19681-21 21,5 cm, 8 ¹/₂"

Wundsperrer
Retractors
Separadores
Divaricatori

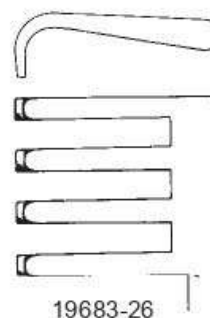


spitz
sharp
agudo
acuto

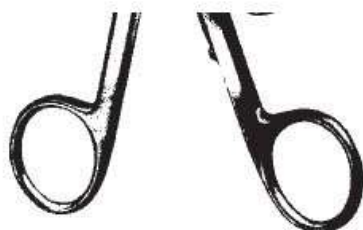


19682-26

stumpf
blunt
romo
smusso



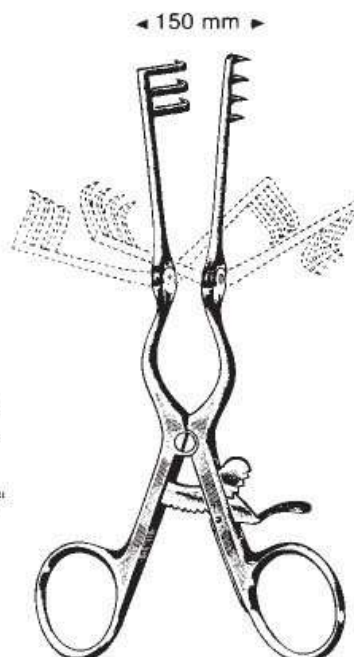
19683-26



ADSON
19682-26 - 19683-26
26,5 cm, 10 1/2"

19684-14	14 cm, 5 1/2"
19684-16	16 cm, 6 1/4"
19684-20	20 cm, 8"
19684-26	26 cm, 10 1/4"

spitz
sharp
agudo
acuto



ADSON

19685-14	14 cm, 5 1/2"
19685-16	16 cm, 6 1/4"
19685-20	20 cm, 8"
19685-26	26 cm, 10 1/4"

stumpf
blunt
romo
smusso

Wundsperrer
Retractors
Separadores
Divaricatori

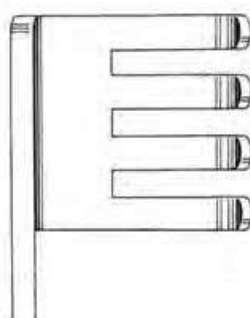


ADSON
19686-32
32 cm, 12 $\frac{3}{4}$ "

Wundsperrer
Retractors
Separadores
Divaricatori

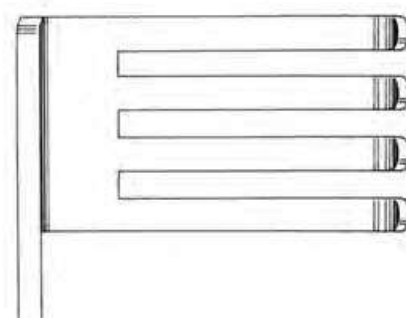


Beckman-Adson
31 cm, 12 1/4"



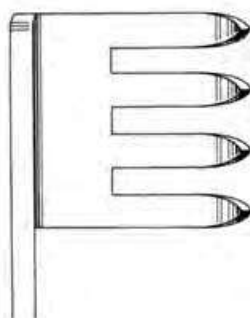
19687-01
25 x 27 mm

stumpf
blunt
romo
smusso



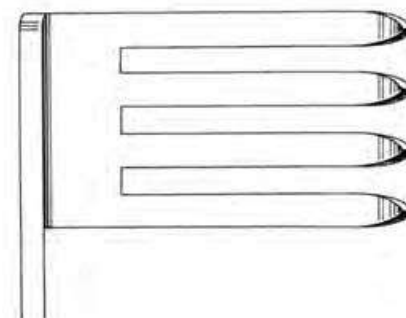
19688-01
45 x 27 mm

stumpf
blunt
romo
smusso



19687-02
25 x 27 mm

scharf
sharp
agudo
acuto



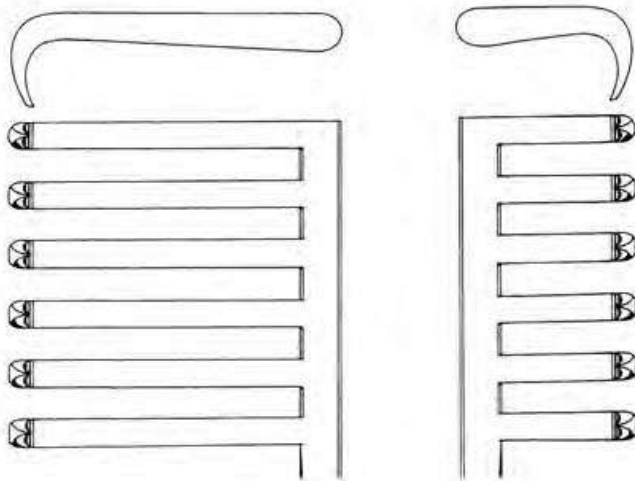
19688-02
45 x 27 mm

scharf
sharp
agudo
acuto

Wundsperrer
Retractors
Separadores
Divaricatori

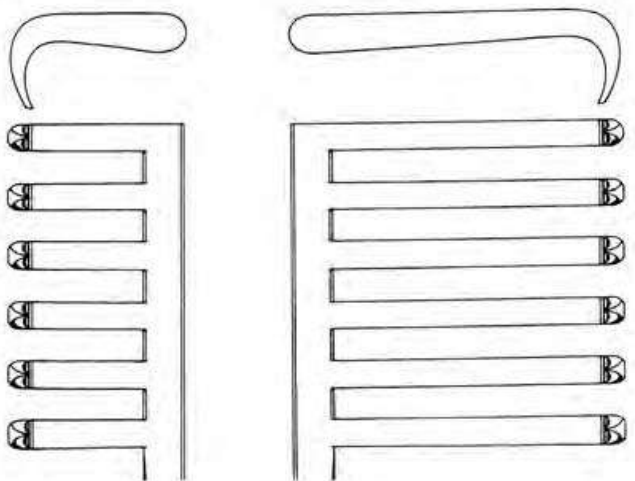


MARTIN
28,5 cm, 11 1/4"



19689-01
6x6 Zähne

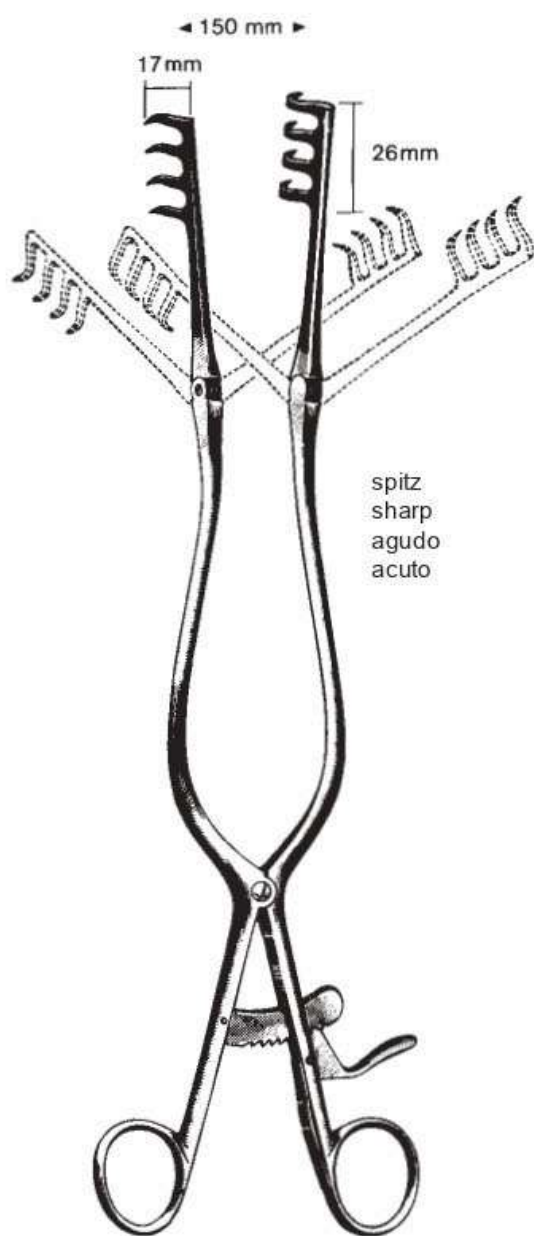
scharf, lange Zähne links
sharp, long teeth on left side
agudo, dientes largos a la izquierda
acuto, denti lunghe a sinistra



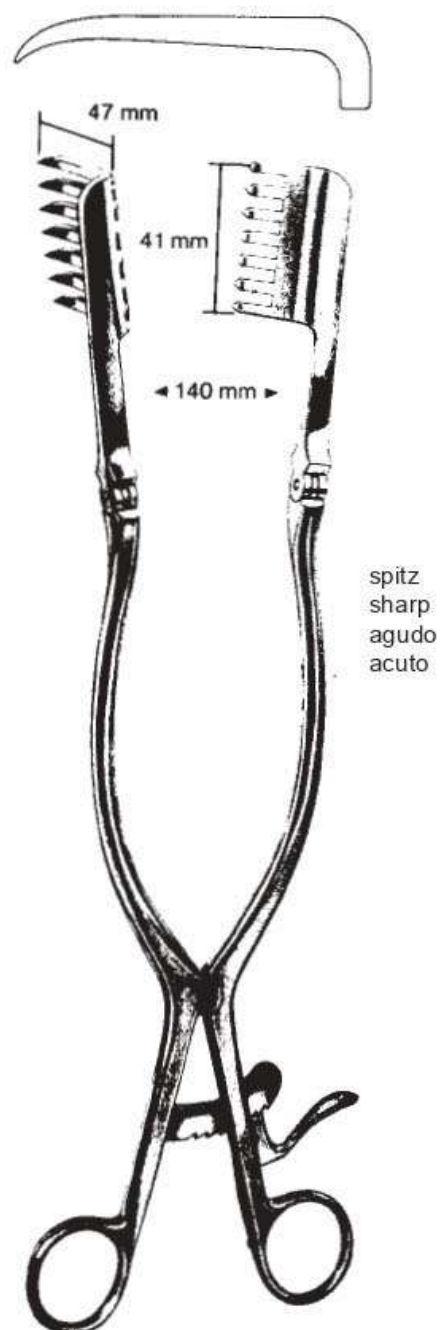
19689-02
6x6 Zähne

scharf, lange Zähne rechts
sharp, long teeth on right side
agudo, dientes largos a la derecha
acuto, denti lunghe a destra

Wundsperrer
Retractors
Separadores
Divaricatori



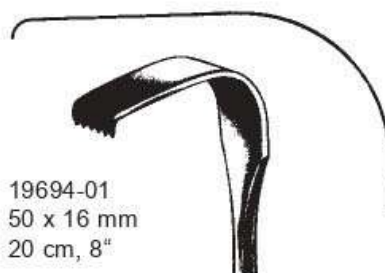
BECKMANN
19690-31
31 cm, 12 1/4"



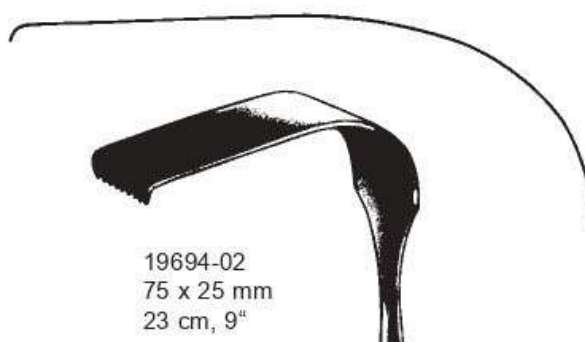
BECKMANN-EATON
19692-32
32 cm, 12 3/4"

Wundhaken
Retractors
Separadores
Divaricatori

19694-01
50 x 16 mm
20 cm, 8"



19694-02
75 x 25 mm
23 cm, 9"

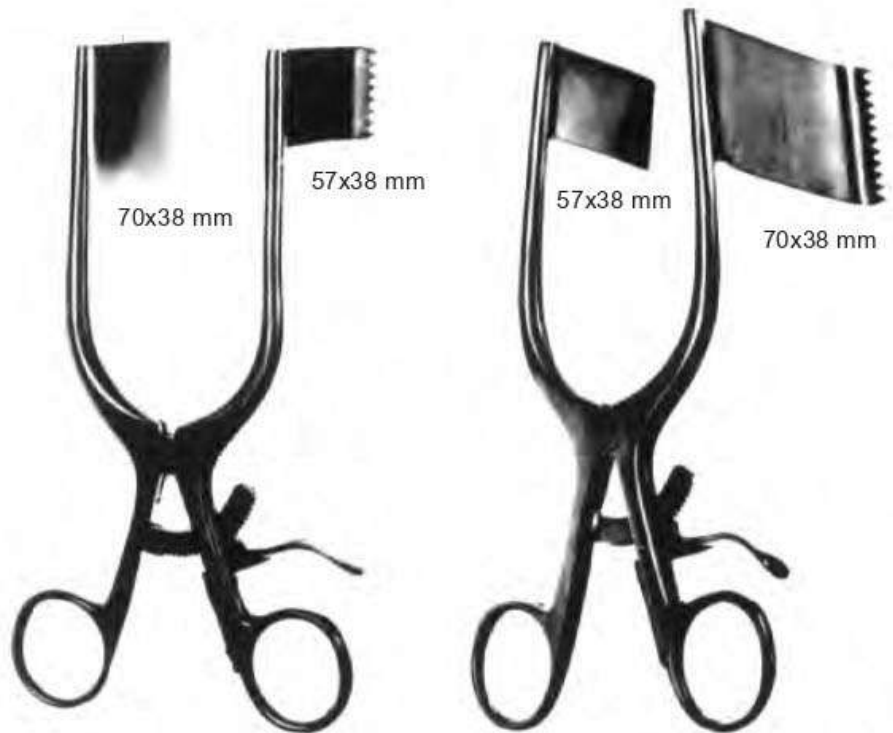


19694-03
90 x 50 mm
24 cm, 9 1/2"



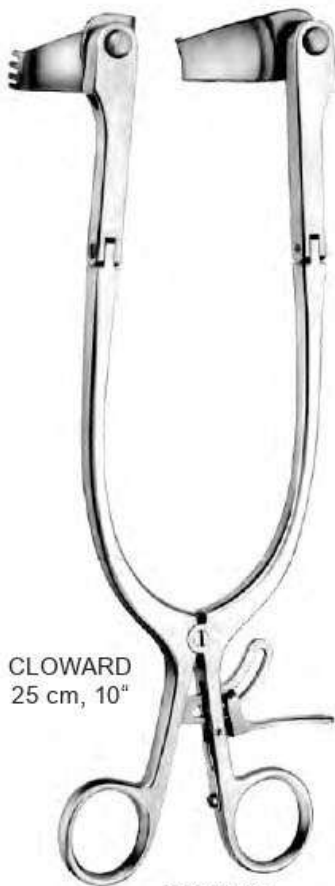
MEYERDING

Wundsperrer
Retractors
Separadores
Divaricatori



DARLING
19696-18 18 cm, 7"

DARLING
19698-18 18 cm, 7"



CLOWARD
25 cm, 10"

19710-01



CLOWARD
16 cm, 6 1/4"

19711-01



19710-40 40 mm



19710-45 45 mm



19710-50 50 mm



19710-55 55 mm



19710-60 60 mm



19711-40 40 mm



19711-45 45 mm



19711-50 50 mm



19711-55 55 mm



19711-60 60 mm

19710-00

Sperrer komplett mit 5 Valven spitz
Retractor complete with 5 blades sharp
Separador completo con 5 valvas agudas
Divaricatore completo con 5 valve acute

19711-00

Sperrer komplett mit 5 Valven spitz
Retractor complete with 5 blades sharp
Separador completo con 5 valvas agudas
Divaricatore completo con 5 valve acute

19712-00

Sperrer komplett mit 5 Valven stumpf
Retractor complete with 5 blades blunt
Separador completo con 5 valvas romas
Divaricatore completo con 5 valve smusse

19713-00

Sperrer komplett mit 5 Valven stumpf
Retractor complete with 5 blades blunt
Separador completo con 5 valvas romas
Divaricatore completo con 5 valve smusse

Laminektomie-Wundspreizer
Retractors, Cercical Spine
Separadores, columna vertebral
Divaricatori, spina cervicale



CASPAR
19720-00 compl.
(5 valven, 5 valves, 5 blades, 5 valvas, 5 valve)
19720-15
ohne Blätter, without blades, sin valvas, senza valve



CASPAR
19721-00 compl.
(5 valven, 5 valves, 5 blades, 5 valvas, 5 valve)
19721-15
ohne Blätter, without blades, sin valvas, senza valve



CASPAR
19724-00 compl. (5 valven, 5 valves, 5 blades, 5 valvas, 5 valve)
19724-11 ohne Blätter, without blades, sin valvas, senza valve



medial

CASPAR
19724-40 40x20 mm
19724-45 45x20 mm
19724-50 50x20 mm
19724-55 55x20 mm
19724-60 60x20 mm



lateral

CASPAR
19725-40 40x20 mm
19725-45 45x20 mm
19725-50 50x20 mm
19725-55 55x20 mm
19725-60 60x20 mm

Laminektomie-Wundspreizer
Retractors
Separadores
Divaricatori



19745-40 40 mm



19745-45 45 mm



19745-50 50 mm



19745-55 55 mm



19745-60 60 mm



19745-65 65 mm



19745-70 70 mm

CASPAR

19744-00 compl. incl. 7 Blätter, compl. incl. 7 blades, valvas, valva
19744-17 ohne Blätter, without blades, sin valvas, senza valve



19747-45 45 mm

19747-50 50 mm

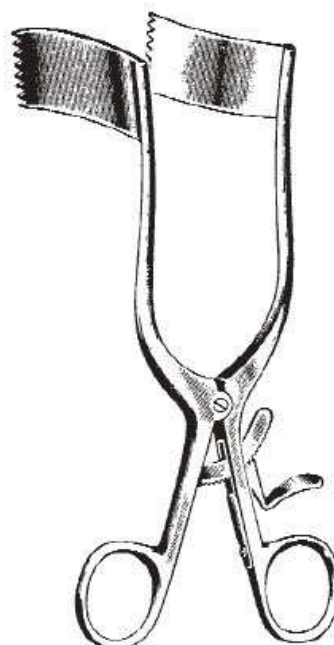
19747-55 55 mm

19747-60 60 mm

19747-65 65 mm



CASPAR
19747-45 - 19747-65



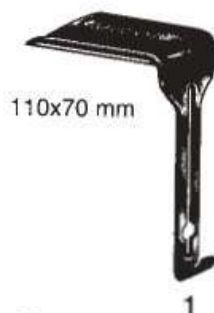
MEYERDING
17 cm, 6 3/4"

19748-01 2,5 x 3,2 cm
19748-02 2,5 x 5,4 cm
19748-03 1,9 x 6,0 cm
19748-04 2,5 x 6,0 cm

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



O'SULLIVAN - O'CONNOR
19754-00
compl.



110x70 mm

1



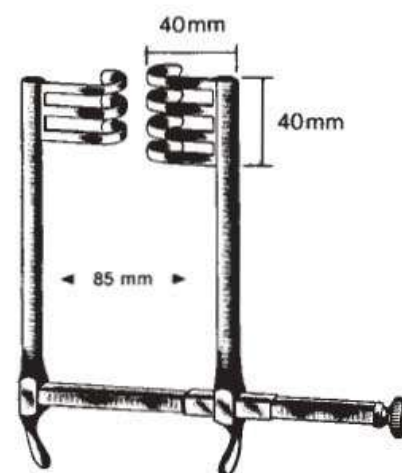
80x45 mm

2

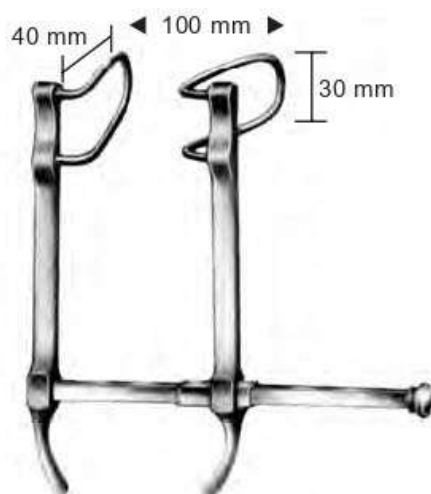


80x45 mm

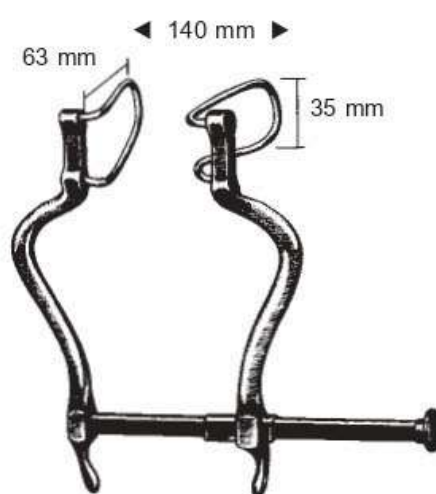
3



FRAZIER
19758-85



BABY GOSSET
19759-00

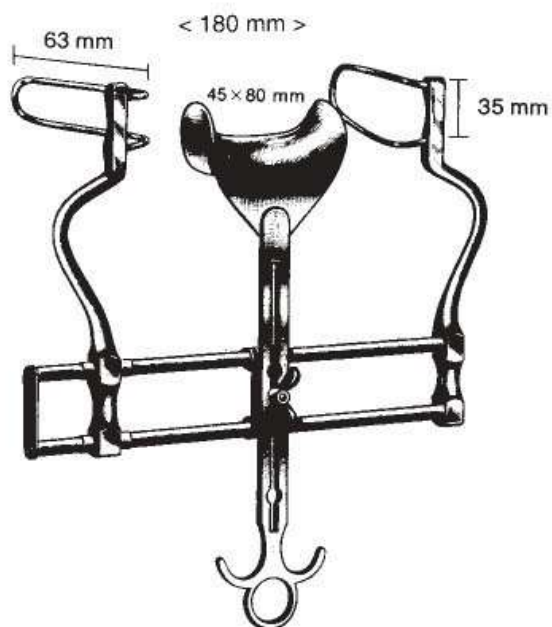


GOSSET
19760-14

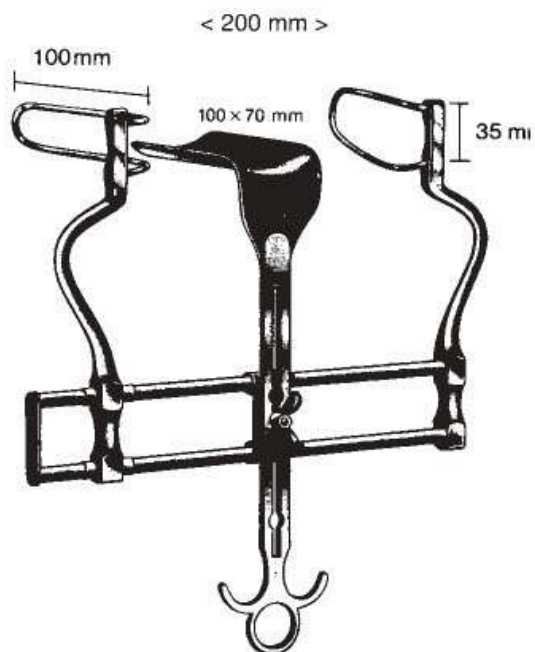


GOSSET
19762-16

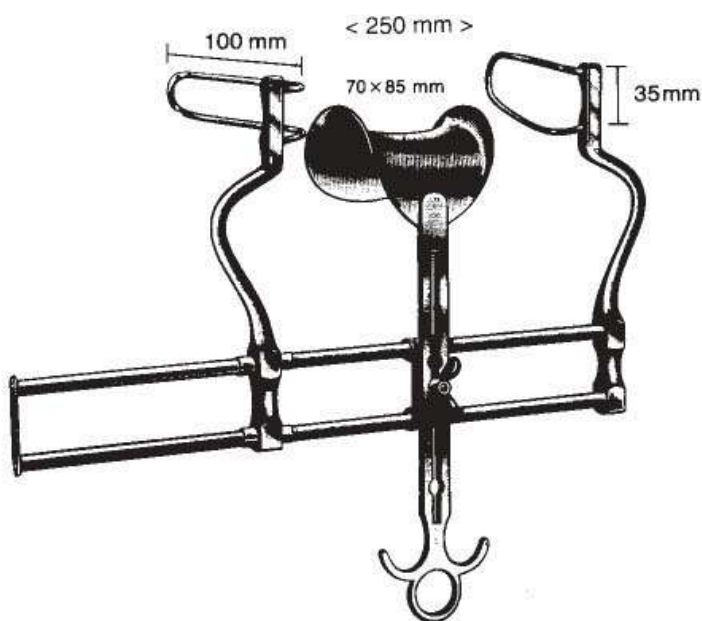
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



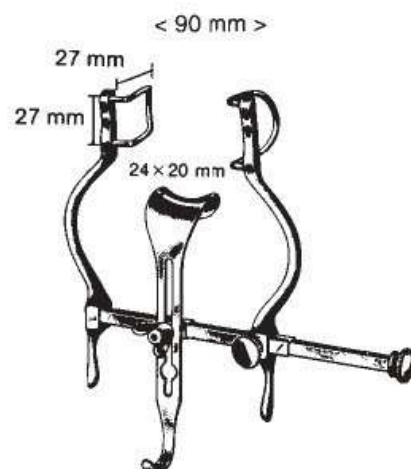
BALFOUR
19764-18
18 cm, 7"



BALFOUR
19764-20
20 cm, 8"



BALFOUR
19764-25
25 cm, 10"

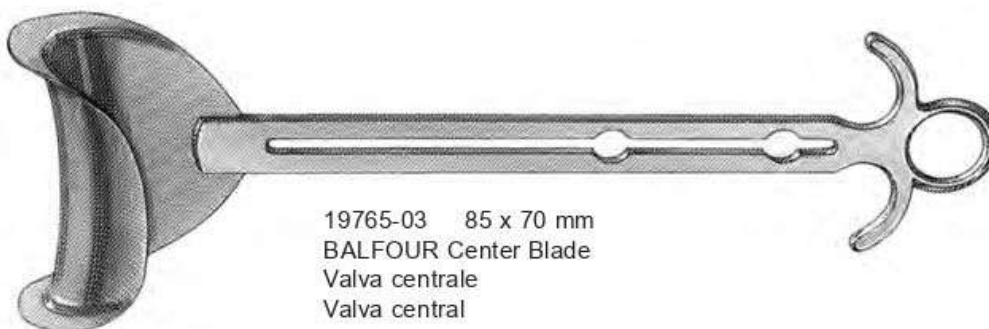


BALFOUR Baby
19766-90
9 cm, 3 1/2"

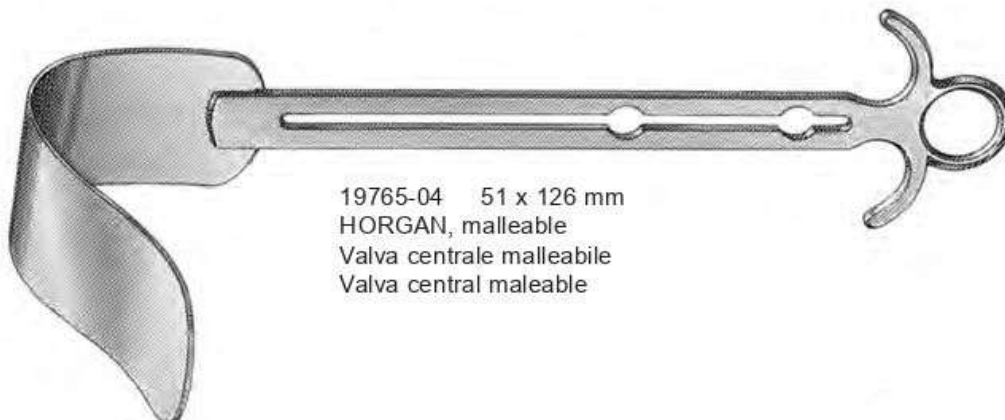
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



19765-01 80 x 45 mm
BALFOUR Center Blade Standard
Valva centrale standard
Valva central estándar



19765-03 85 x 70 mm
BALFOUR Center Blade
Valva centrale
Valva central



19765-04 51 x 126 mm
HORGAN, malleable
Valva centrale malleabile
Valva central maleable



19765-02 100 x 70 mm
BALFOUR Center Blade
Valva centrale
Valva central

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



19767-01
Drahtvalven 6 cm (2.4") tief (Paar)
Fenestrated blades 6 cm (2.4") deep (pair)
Valvas de alambre 6 cm (2.4") profundidad (par)
Valve di filo profondità 6 cm (2.4") (paio)

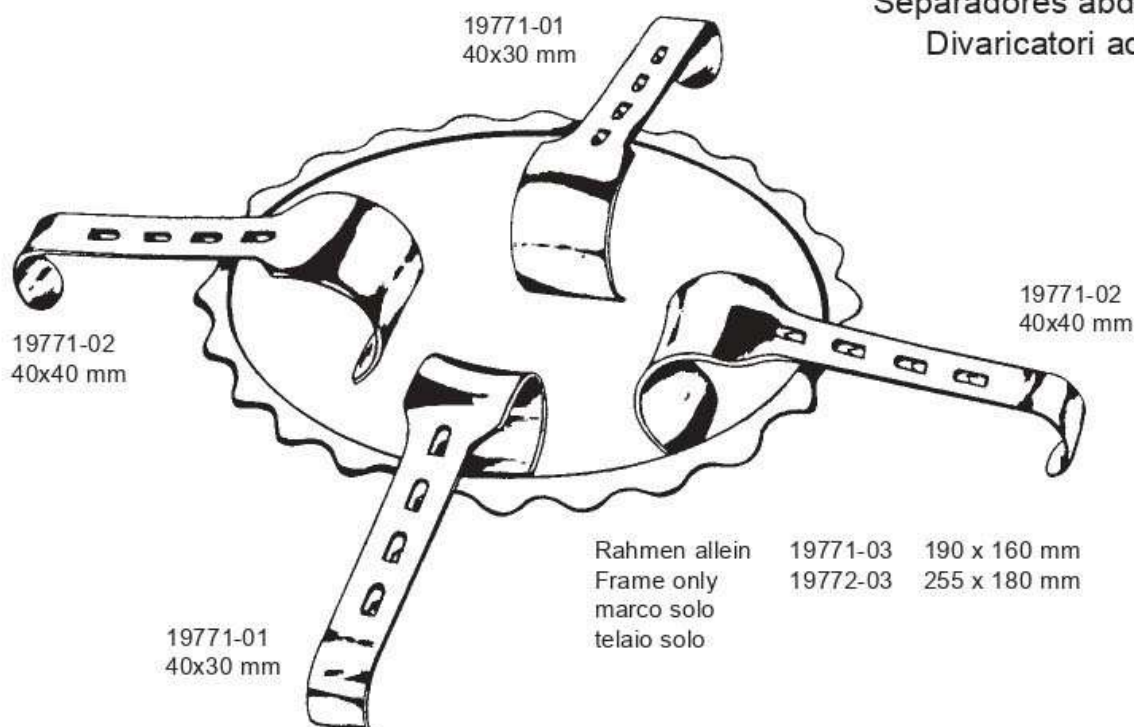


19767-02
Drahtvalven 8 cm (3 1/8") tief (Paar)
Fenestrated blades 8 cm (3 1/8") deep (pair)
Valvas de alambre 8 cm (3 1/8") profundidad (par)
Valve di filo profondità 8 cm (3 1/8") (paio)



BALFOUR-US
19767-18
komplett
complete
completo

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



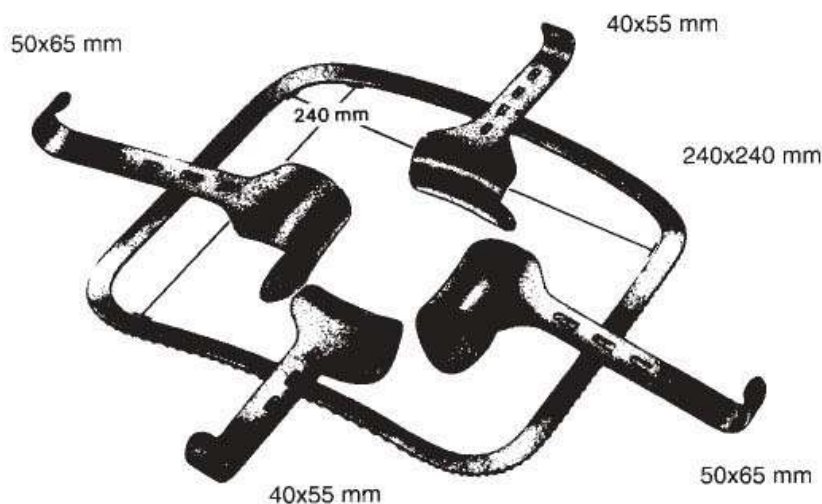
DENIS-BROWNE

19771-00 compl. Pediatric/pediatrico

190 x 160 mm

19772-00 compl. Adult/adulto

255 x 190 mm



KIRSCHNER



19781-55 (2 St./p.)
40 x 55 mm breit



19781-65 (2 St./p.)
50 x 65 mm breit

19782-00 Kirschner Bauchdeckenhalter komplett bestehend aus:
Kirschner Abdominal Retr. complete consisting of:
Kirschner separador abdominal, completo compuesto de:
Kirschner Divaricatore addominale completo, composto da:

19781-55 2 Rahmenhaken / 2 Hook-on Retr. / 2 separadores / 2 divaricatori 40 x 55 mm

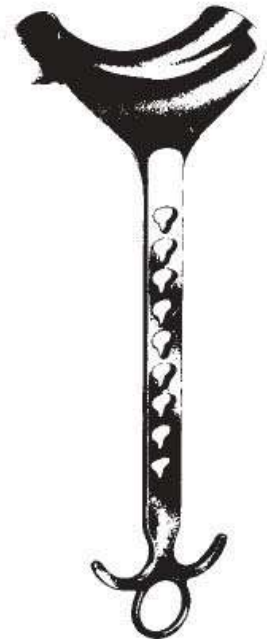
19781-65 2 Rahmenhaken / 2 Hook-on Retr. / 2 separadores / 2 divaricatori 50 x 65 mm

19783-24 Rahmen fest / frame rigid / marco rigido / telaio rigido 240 x 240 mm

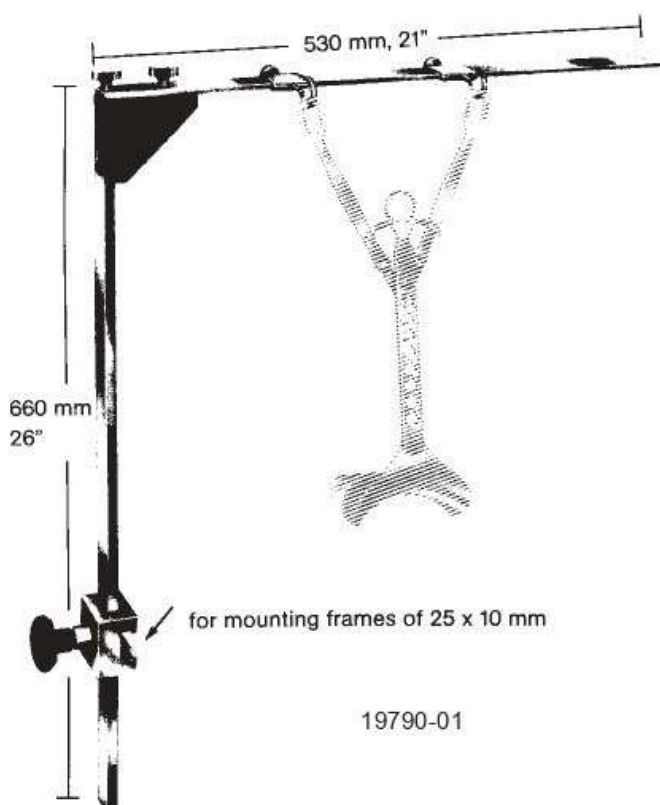
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



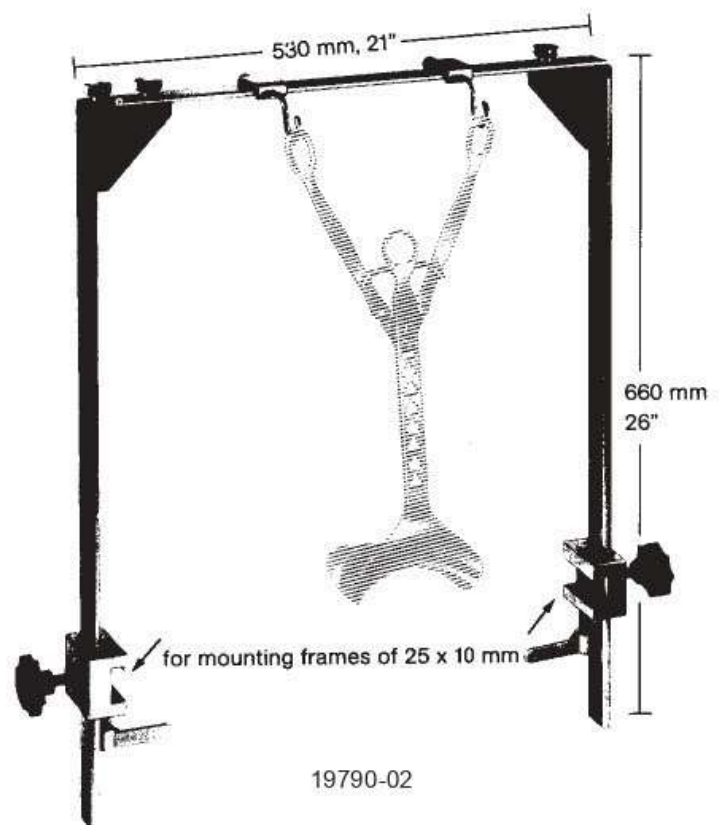
19780-01 + 19770-01

ROCHARD
19780-01

ROCHARD
31 cm, 12 1/4"
19770-01 48x90 mm
19770-02 48x105 mm
19770-03 48x120 mm
19770-04 48x135 mm
19770-05 48x155 mm

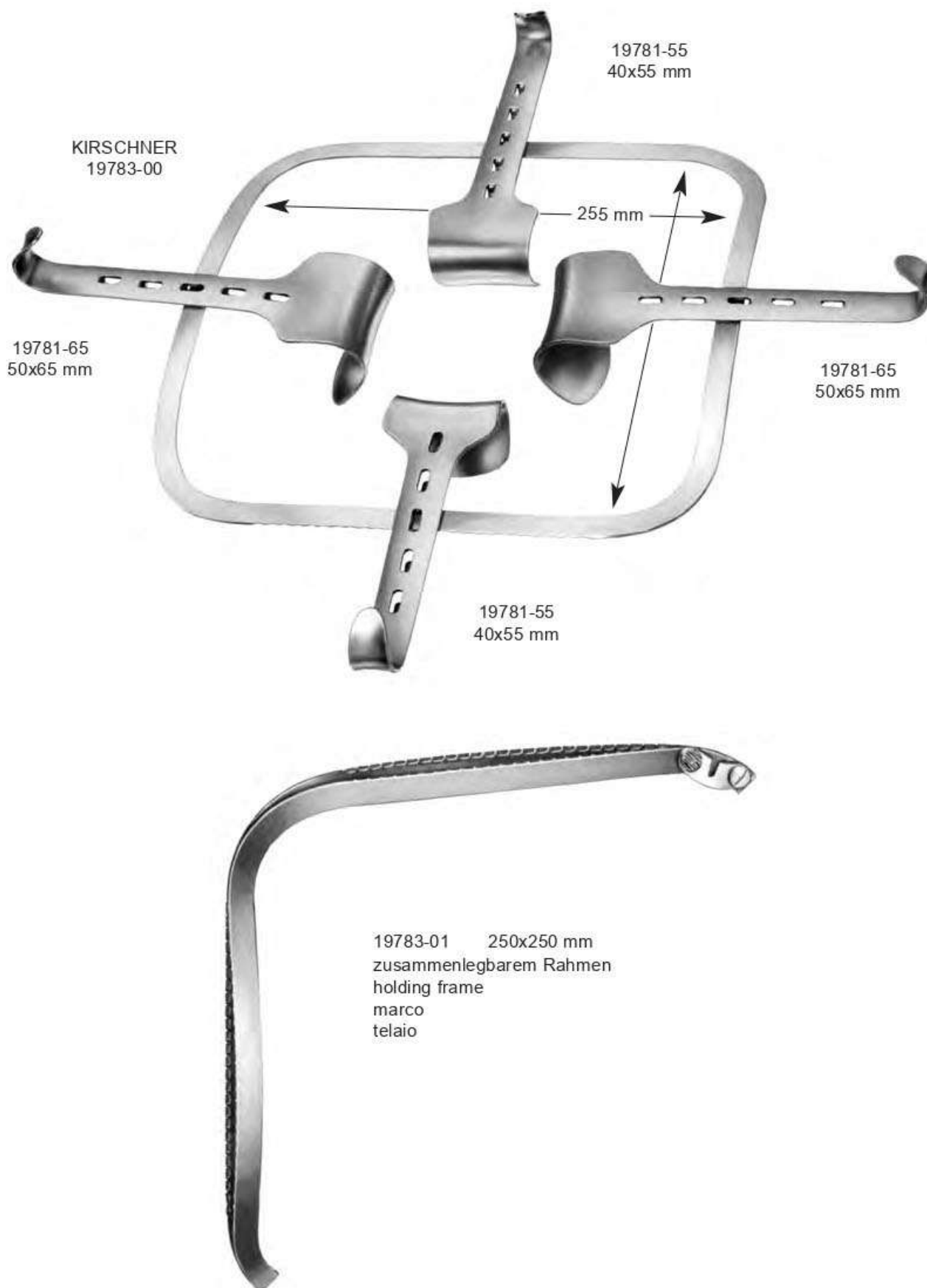


19790-01

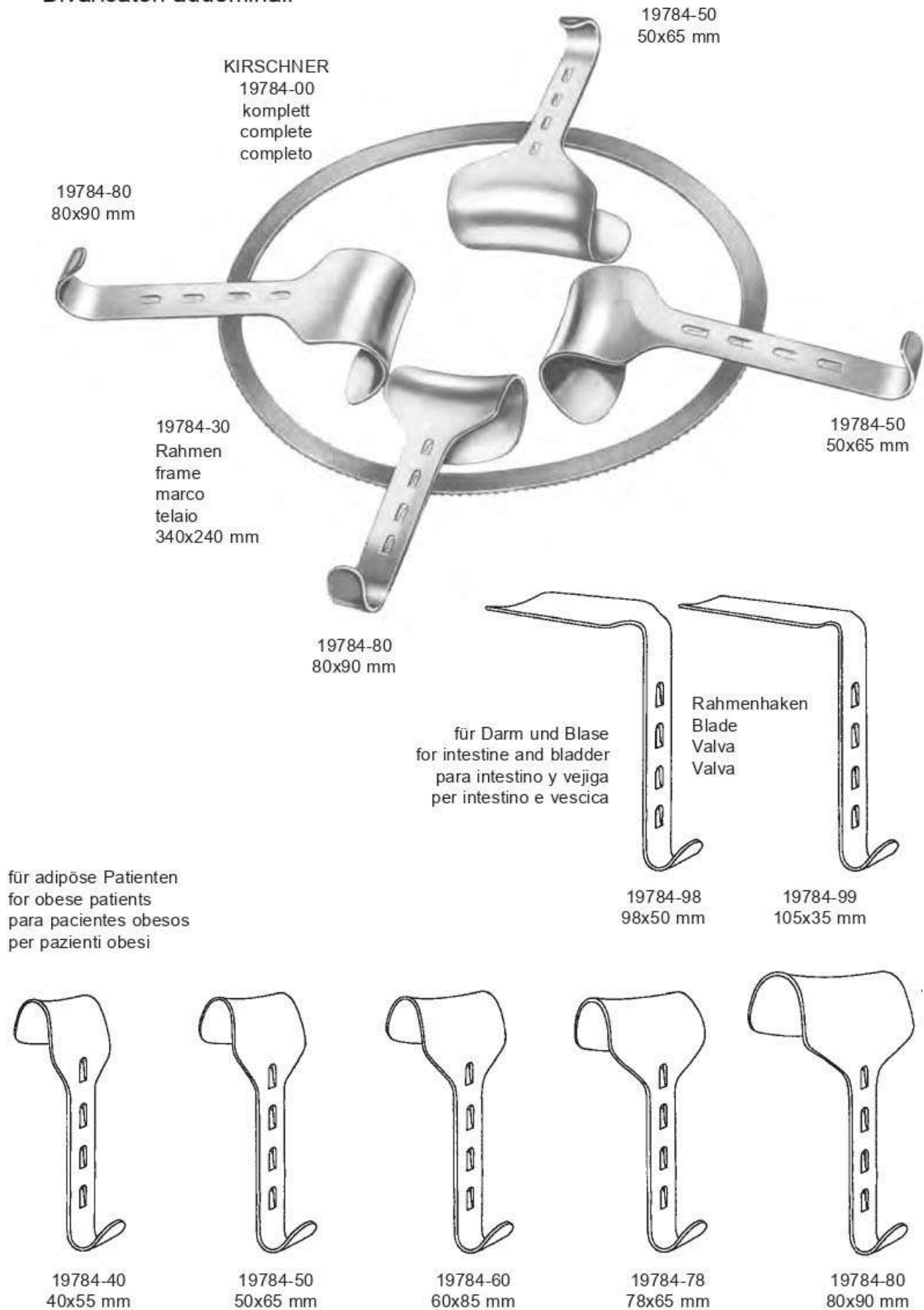


19790-02

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



Arm System
Arm System
Sistema de brazo
Sistema braccio



19795-01

Armsystem Radius 310/420 mm komplett mit Wundhakenhalter und U-Stativ Ø 16 mm, 400 mm hoch, 400 mm breit, 170 mm tief.

Arm System, radius 310/420 mm, including retractor and U-stand Ø 16 mm, 400 mm high, 400 mm wide, 170 mm deep.



19795-02

Armsystem Radius 310/420 mm komplett mit Stativ, Klemmsockel und Endoskophalter Ø 8/10 mm.

Arm System, radius 310/420 mm, including stand, clamp, endoscope holder Ø 8/10 mm.



19798-01

Einschlauchhalterung
Single tube holder



19798-02

Endoskophalterung Universal
Ø 3-10 mm
Endoscope holder Universal
Ø 3-10 mm



19798-03

Universelle
Wundhakenhalterung
Universal retractor holder



19798-04

Gelenkverlängerung
180 mm lang mit Feststellung
Extended articulation
180 mm long, lockable

Arm System
Arm System
Sistema de brazo
Sistema braccio



19799-01

Klemmsöckel aus rostfreiem Stahl, für ein höhenverstellbares Stativ Ø 16 mm, elektrisch isoliert bis 1,5 kV AC, Spannbreite 35 mm für Schienen 25/32 x 8/12 mm.

Clamp socket made of stainless steel, for height-adjustable stand Ø 16 mm, electrically insulated up to 1.5 kV AC, holding width of 35 mm for rails 25/32 x 8/12 mm.



19799-02

Klemmsöckel aus rostfreiem Stahl, für ein höhenverstellbares Stativ Ø 16 mm, elektrisch isoliert bis 1,5 kV AC, Spannbreite 35 mm für Schienen 25/32 x 8/12 mm.

Clamp socket made of stainless steel, for height-adjustable stand Ø 16 mm, electrically insulated up to 1.5 kV AC, holding width of 35 mm for rails 25/32 x 8/12 mm.



19799-03

Leichtmetall-Klemmsöckel Spannbreite 35 mm, für ein Schraubstativ mit Ø 16 mm/M10, für Schienen 25/35 x 8/10 und Rohre Ø 12 - 35 mm. Clamp socket made of light metal, holding width 35 mm, for screw stand Ø 16 mm/M10, for rails 25/35 x 8/10 and tubes Ø 12 - 35 mm.



19799-04

Leichtmetall-Klemmsöckel Spannbreite 50 mm, für ein höhenverstellbares Stativ Ø 16 mm, für Schienen 25/35 x 8/10 und Rohre Ø 12 - 35 mm. Clamp socket made of light metal, holding width 50 mm, for height-adjustable stand Ø 16 mm, for rails 25/35 x 8/10 and tubes Ø 12 - 35 mm.



19799-05

Klemmsöckel aus rostfreiem Stahl, für ein höhenverstellbares Stativ Ø 16 mm, elektrisch isoliert bis 4,5 kV AC, Spannbreite 50 mm für Schienen 25/32 x 8/12 mm.

Clamp socket made of stainless steel, for height-adjustable stand Ø 16 mm, electrically insulated up to 4.5 kV AC, holding width of 50 mm for rails 25/32 x 8/12 mm.



19799-06

Leichtmetall-Klemmsöckel Spannbreite 50 mm, für ein Schraubstativ mit Ø 16 mm/M10, für Schienen 25/35 x 8/10 und Rohre Ø 12 - 35 mm. Clamp socket made of light metal, holding width 50 mm, for screw stand Ø 16 mm/M10, for rails 25/35 x 8/10 and tubes Ø 12 - 35 mm.

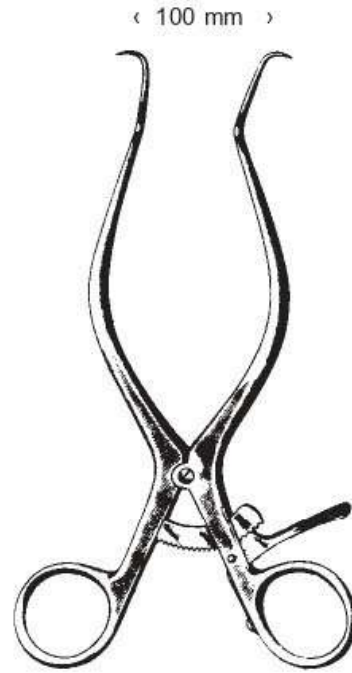
Bauchdeckenhalter, Wundsperrer
 Abdominal Retractors, Retractors
 Separadores abdominales, Separadores
 Divaricatori addominali, Divaricatori



DOYEN

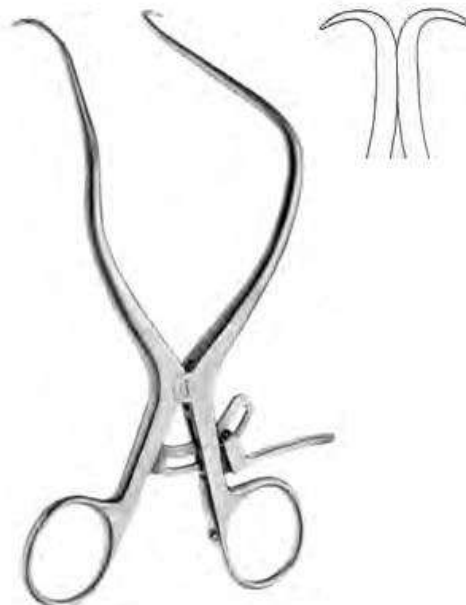
28 cm, 11"

19800-01	48x 90 mm
19800-02	48x105 mm
19800-03	48x120 mm
19800-04	48x135 mm



GELPI

19802-09	9 cm, 3 1/2"
19802-11	11 cm, 4 3/8"
19802-14	14 cm, 5 1/2"
19802-16	16 cm, 6 1/4"
19802-18	18 cm, 7"

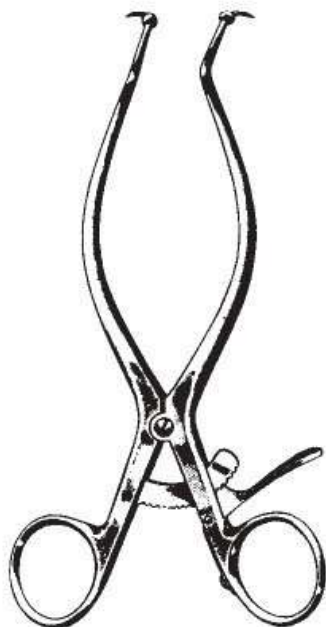


DE BAKEY

19803-14

14,5 cm, 5 3/4"

Wundsperrer
Retractors
Separadores
Divaricatori



GELPI
19804-18
18 cm, 7"

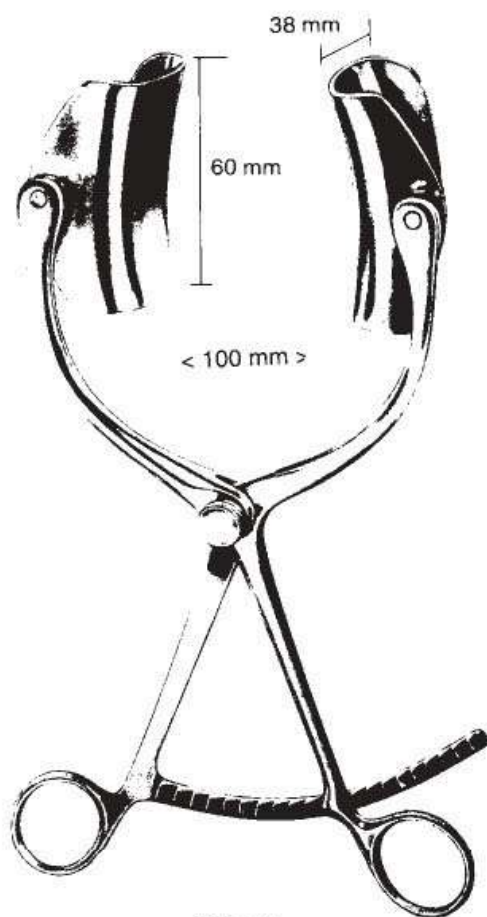


JACKSON BURROWS
19805-18
18,5 cm, 7 1/4"

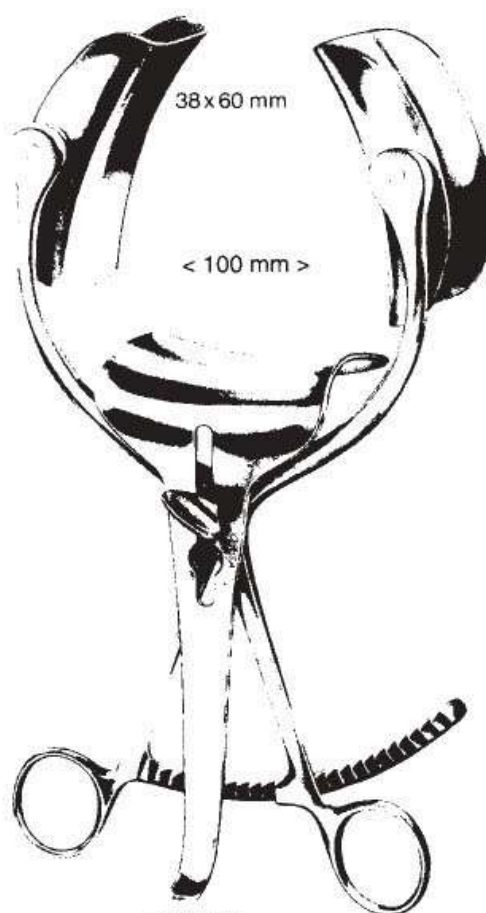


RIGBY
19806-18
18 cm, 7"

Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali

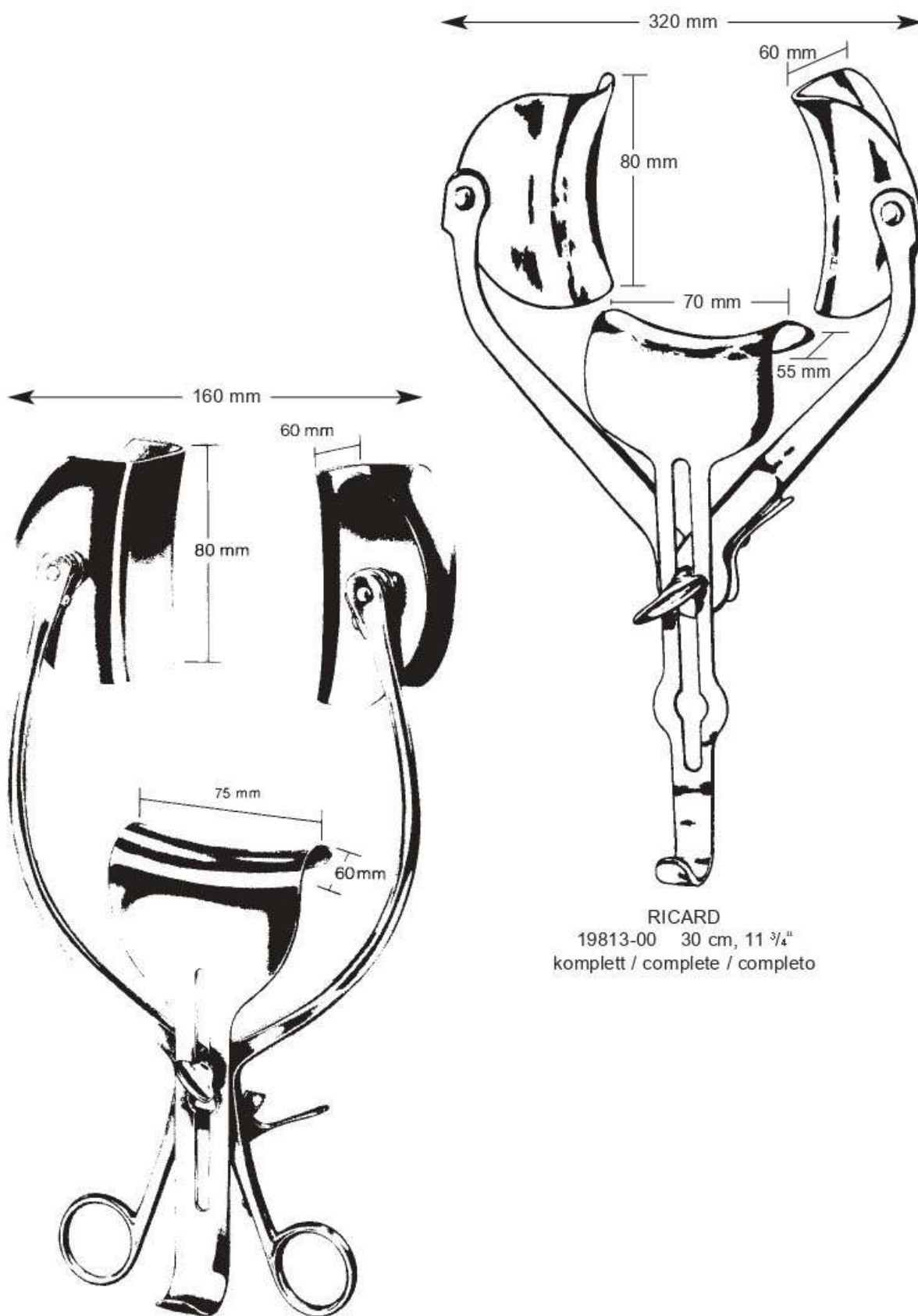


COLLIN
19810-22



COLLIN
19812-60

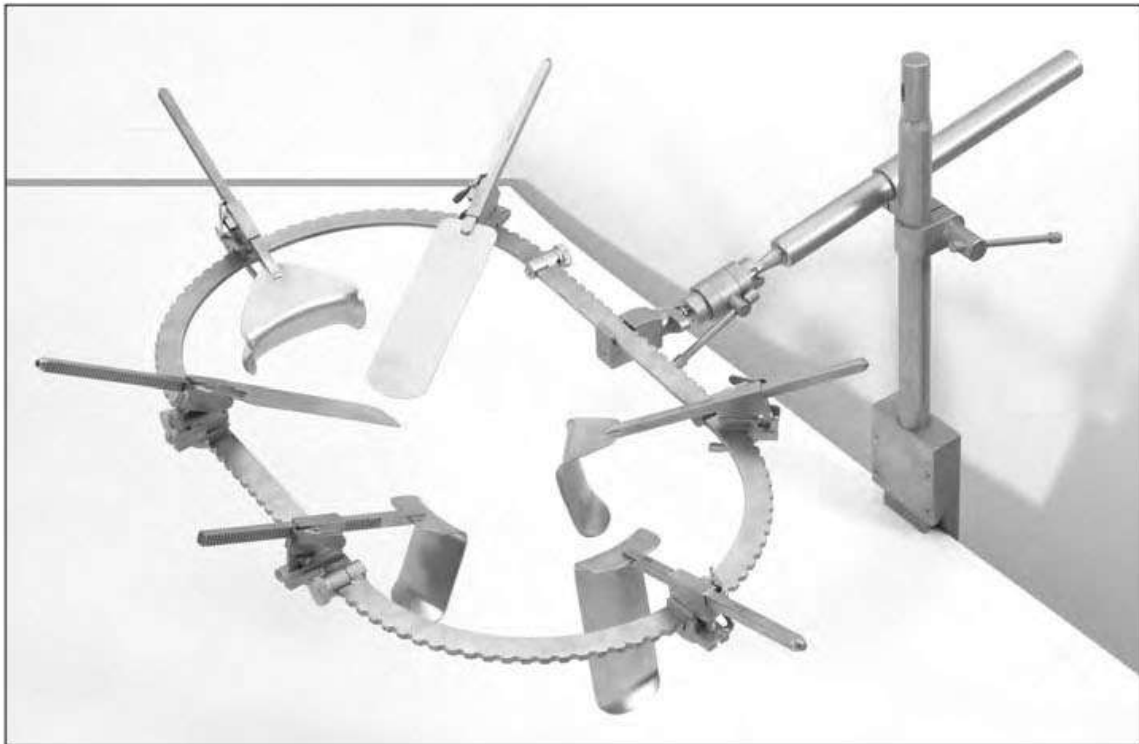
Bauchdeckenhalter
Abdominal Retractors
Separadores abdominales
Divaricatori addominali



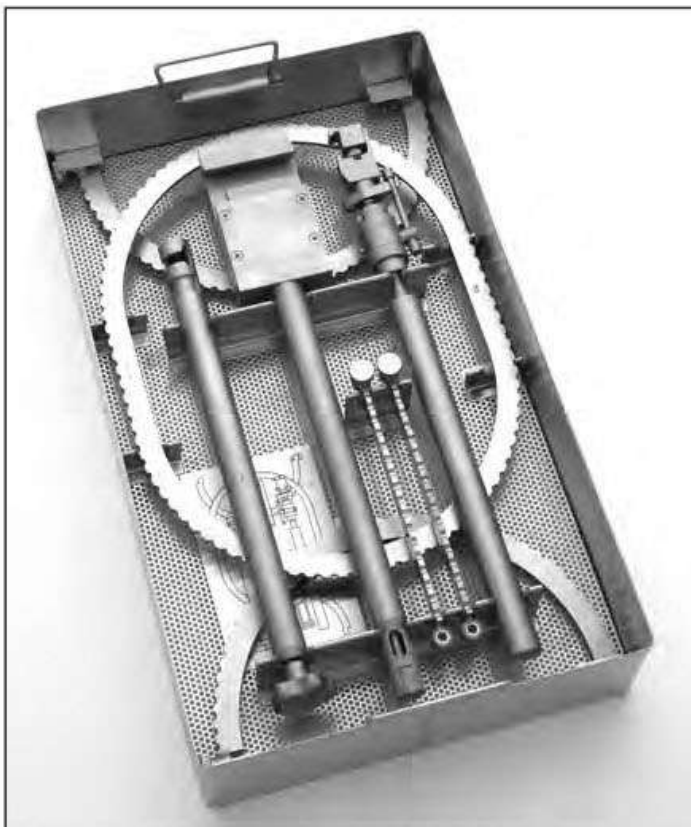
COLLIN Loktite
19816-00 31 cm, 12 1/4"
komplett / complete / completo

RICARD
19813-00 30 cm, 11 3/4"
komplett / complete / completo

Back holder Abdominal Retractor Operation Table Set



Complete Fixed Abdominal Retractor Set
Set completo divaricatore addominale con sistema di montaggio modulare



The many components of the **Back holder Abdominal Retractor Operation Table Set**

can all be neatly arranged into autoclave sized containers with diagrams that direct instrument handlers on proper placement of each component.

*A major convenience in care and maintenance
of the Retractor Set*

Sterilization Container & Baskets

Description

Product No

Table Fixation & Ring Case
Blade & Accessories Case

19820-90
19820-91

Back holder Abdominal Retractor Operation Table Set

Description	Product No	Composto da	
Complete Abdominal Retractor Set	19820-99	Accoppiatore	19821-01
<i>Includes</i>		Barra orizzontale	19821-02
Table Post	19821-01	Morsetto di accoppiamento	19821-04
Horizontal Bar	19821-02	Anello ovale	19820-02
1" Post Coupling	19821-04	No. 2 retrattori malleabili, 51x152 mm	19825-06
Oval Ring	19820-02	No. 2 Valve Kelly, dim. 51x76 mm	19822-23
2" X 6" Malleable Retractor (2 ea)	19825-06	Valva Kelly	19822-24
2" X 3" Kelly Retractor (2 ea)	19822-23	Valva Balfour	19823-33
2" X 4" Kelly Retractor	19822-24	Morsetto trasportabile con trasporto ad intervallo progressivo di 2 mm	19820-10
Balfour Retractor	19833-33	Morsetto articolato multidisciplinare con funzione movimento assiale orizzontale e verticale	19820-20
Ratchet Mechanism (2 ea)	19820-10	Anello rotondo circolare, dimensione 226 mm	19820-01
Tilt Ratchet Mechanism (6 ea)	19820-20	Anello ovale 266x367 mm	19820-02
Segmented Ring	19820-03	Anello a segmento 266x495 mm	19820-03
1 1/2" X 6" Malleable Retractor	19824-06	Retrattore malleabile 38x152 mm	19824-06
3" x 6" Malleable Retractor	19826-06	Retrattore malleabile 76x152 mm	19826-06
2" X 5" Kelly Retractor	19822-25	Valva Kelly, 51x127 mm	19822-25
2" X 6" Kelly Retractor	19822-26	Valva Kelly, 51x152 mm	19822-26
Horizontal Flex Bar	19821-03	Barra flessibile orizzontale	19821-03
Harrington Retractor	19831-25	Retrattore Harrington 63x143 mm	19831-25
Gelpi Retractor	19834-01	Retrattore con punta Gelpi	19834-01
<i>Accessories</i>		<i>Accessori:</i>	
Table Fixation & Ring Case	19820-90	Container vuoto in acciaio inox dotato con griglia interna	
Blades & Accessories Case	19820-91	Descrizione	
		Container in acciaio inox dotato di griglia interna per Accessori di fissazione, anelli e barre	19820-90
		Container in acciaio inox dotato di griglia interna per morsetti e divaricatori	19820-91



Malleable Retractors with Protective Edge



Description	Product No
1½" x 6" 38 x 152 mm	19824-06
2" x 6" 51 x 152 mm	19825-06
3" x 6" 76 x 152 mm	19826-06

Specialty Retractors

Description	Product No
Balfour Retractor 2⅝" x 3" 67 x 76 mm	19833-33
Gelpi Point Retractor	19834-01



Harrington Retractors

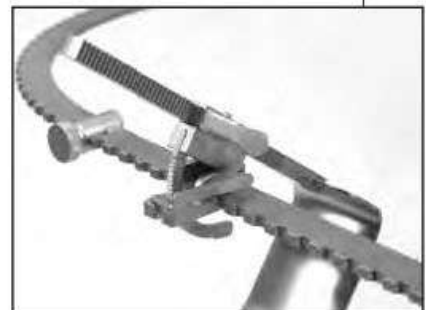
Description	Product No
Blade 2.5" x 5⅜" 63 x 143 mm	19831-25



Description	Product No
Blade 2" x 1½" 51 x 38 mm	19822-21
Blade 2" x 2" 51 x 51 mm	19822-22
Blade 2" x 2½" 51 x 64 mm	19822-22L
Blade 2" x 3" 51 x 76 mm	19822-23
Blade 2" x 4" 51 x 102 mm	19822-24
Blade 2" x 5" 51 x 127 mm	19822-25
Blade 2" x 6" 51 x 152 mm	19822-26



Description	Product No
Blade 1" x 1½" 25 x 38 mm	19822-01
Blade 1" x 2½" 25 x 63 mm	19822-02



Tilt Ratchet Mechanism allows extensions or retractions along the horizontal axis and allows vertical movement of retractor blade with a second ratchet

Product No 19820-20

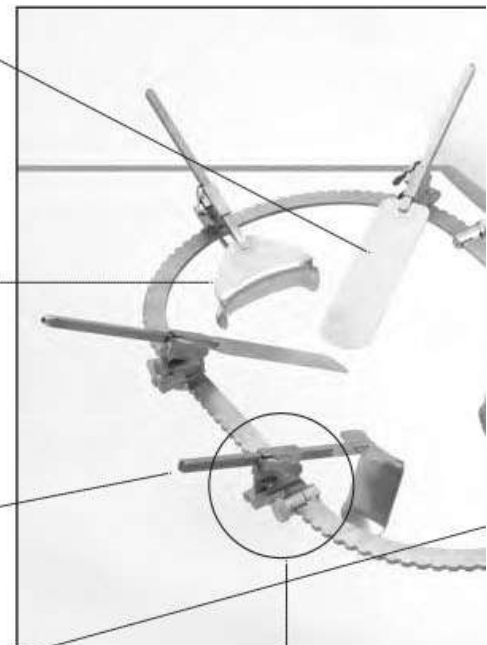
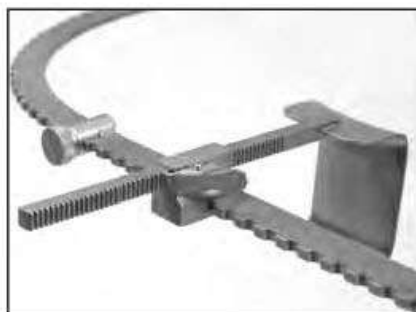
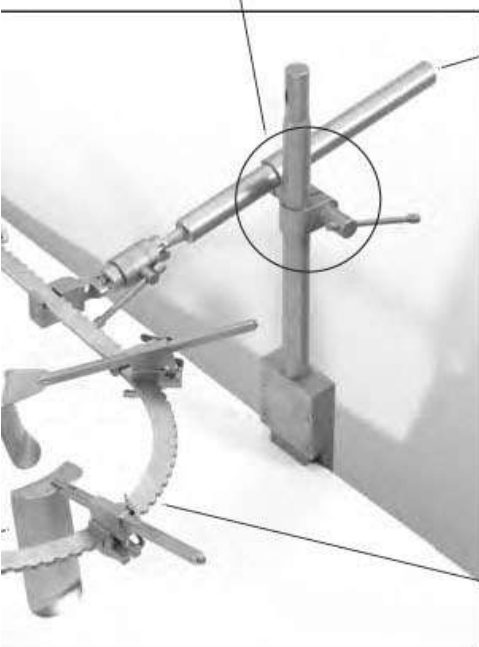


Table Mounting Components

Description	Product No
1" Post Coupler	19821-04



Fixed Ratchet Mechanism allows extension or retraction along the horizontal axis at 2mm intervals

Product No 19820-10



Table Mounting Components

Table Post	19821-01
Horizontal Bar	19821-02
Horizontal Flex Bar	19821-03



Retractor Rings

Description	Product No
Round Ring 10.5 inch / 266 mm	19820-01
Oval Ring 10.5 x 14.5 inch / 266 x 367 mm	19820-02
Segmented Ring 10.5 x 19.5 inch / 266 x 495 mm (Consists of one 10.5 inch Round Ring and two 8 inch straight segments)	19820-03

Laminektomiespreizer
 Laminectomy Retractors
 Separadores para laminectomia
 Divaricatori per laminectomia



19910-00
 SCOVILLE-HAVERFIELD
 Rahmen allein
 Frame only
 Marco solo
 Telaio solo



19911-00
 SCOVILLE
 Rahmen allein
 Frame only
 Marco solo
 Telaio solo



SCOVILLE
 50 mm, 2"
 19912-50



SCOVILLE
 70 mm, 2 3/4"
 19912-70



SCOVILLE
 19914-41 41 x 38 mm
 19914-67 67 x 44 mm



TAYLOR
 19915-48 48 x 50 mm
 19915-64 64 x 50 mm
 19916-64 64 x 64 mm
 19916-80 80 x 57 mm



SCOVILLE
 50 mm, 2"
 19913-50



SCOVILLE
 70 mm, 2 3/4"
 19913-70



SCOVILLE
 19917-64 64 x 25 mm
 19918-64 64 x 50 mm
 19918-88 88 x 25 mm

Wundhaken für plastische Chirurgie
Retractors for plastic surgery
Separadores para cirugía plástica
Divaricatore per chirurgia plastica



mit Kaltlicht + Absaugung
with cold light + aspiration
con luz fria + aspiracion
con luce fredda + aspirazione



TEBBETTS

19980-01	80 mm x 16 mm
19980-02	100 mm x 25 mm
19980-03	120 mm x 25 mm
19980-04	120 mm x 30 mm
19980-05	150 mm x 25 mm
19980-06	150 mm x 30 mm

FERRIERA

19960-01	80 mm x 16 mm
19960-02	100 mm x 25 mm
19960-03	120 mm x 25 mm
19960-04	120 mm x 30 mm
19960-05	150 mm x 25 mm
19960-06	150 mm x 30 mm

Wundhaken für plastische Chirurgie
 Retractors for plastic surgery
 Separadores para cirugía plástica
 Divaricatore per chirurgia plastica



19970-01
 37 x 70 mm
 22 x 54 mm

BREAST
 31 cm, 12 1/4"



CORONAL BLOW LIFT
 19980-18
 18 cm, 7"



YANCOSKIE
 19990-18
 18 cm, 7"



FREEMAN
 19995-38 18 cm, 7"
 38 mm, 1 1/2" wide
 19995-22 18 cm, 7"
 22 mm, 7/8" wide



ANDERSON
 19998-03 12 cm, 4 3/4" 3 prong
 3 rebbi
 19998-05 12 cm, 4 3/4" 5 prong
 5 rebbi

Sonden
Probes, Directors
Sondas, estiletes
Sonde, specilli



2 mm ø

11,5 cm, 4 1/2"	21102-11
13,0 cm, 5 1/8"	21102-13
14,5 cm, 5 3/4"	21102-14
16,0 cm, 6 1/4"	21102-16
18,0 cm, 7"	21102-18
20,0 cm, 8"	21102-20
25,0 cm, 10"	21102-25



1 mm ø

21104-11
21104-13
21104-14
21104-16
21104-18
21104-20
21104-25



2 mm ø

21106-11
21106-13
21106-14
21106-16
21106-18
21106-20
21106-25

21108-14
14,5 cm, 5 3/4"BRODIE
21109-18
18 cm
7"

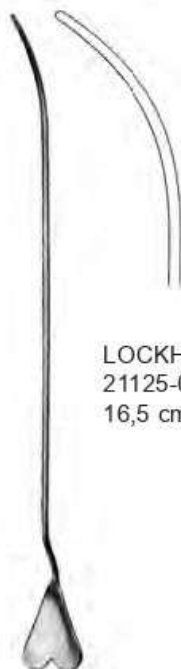
13,0 cm, 5 1/8"	21110-13
14,5 cm, 5 3/4"	21110-14
16,0 cm, 6 1/4"	21110-16
18,0 cm, 7"	21110-18
20,0 cm, 8"	21110-20

DOYEN
21111-14
14 cm
5 1/2"21112-14
14,5 cm
5 3/4"STACKE
21115-10
10,5 cm
4.1"NELATON
21120-16
16 cm
6 1/4"FISH
21121-14
14 cm, 5 1/2"
21121-18
18 cm, 7"WATSON-CHEYNE
21122-13
13 cm, 5 1/8"
21122-18
18 cm, 7"

Fistelsonden
Fistula Probes
Sondas para fistula
Sonde per fistole



LOCKHART-MUMMERY
21125-01
16,5 cm, 6 1/2"



LOCKHART-MUMMERY
21125-02
16,5 cm, 6 1/2"

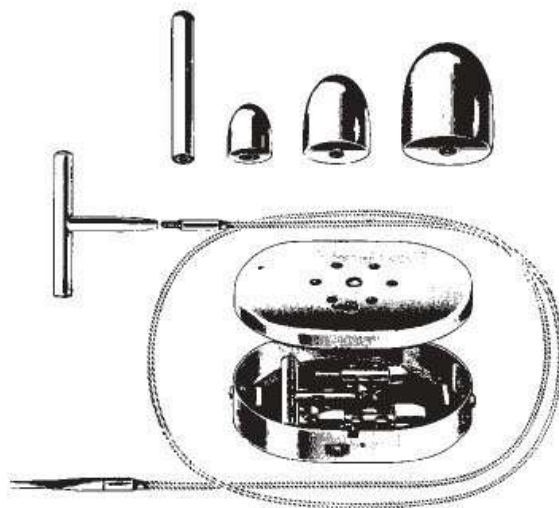


LOCKHART-MUMMERY
21125-03
16,5 cm, 6 1/2"



LOCKHART-MUMMERY
21125-04
16,5 cm, 6 1/2"

Krampfader-Besteck in Metalletui
 Varicose vein probe set in metal case
 Juego para várices en estuche de metal
 Astuccio per varici in scatola di metallo

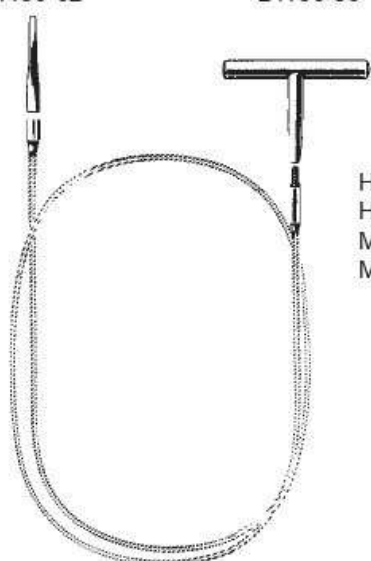


NABATOFF
 21150-00
 135x100x25 mm
 compl.

Ersatzteile
 Spare parts
 Piezas de repuesto
 Pezzi di ricambio

21150-02

21150-80



21150-90

Zugseil
 cable flexible
 cable de traccion flex.
 Corda di trazione fless.

Handgriff
 Handle only
 Mango suelto
 Manico solo



21150-03
 3 mm ø



21150-06
 6 mm ø



21150-09
 9 mm ø



21150-12
 12 mm ø



21150-15
 15 mm ø

Sondenspitzen
 Probe Tip
 Puntas sueltas
 Punta

Varizeninstrumente
 Varix Instruments
 Instrumentos para varices
 Strumenti per varici



VARADY
 21154-01
 180 mm, 7"



VARADY
 21154-02
 180 mm, 7"



VARADY
 21154-03
 180 mm, 7"



VARADY
 21154-04
 175 mm, 6.9"



VARADY
 21154-05
 170 mm, 6 3/4"

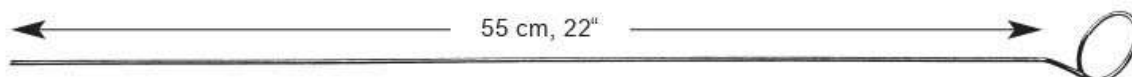


VARADY
 21154-06
 170 mm, 6 3/4"

21162-12
 12 cm, 4 3/4"
 Griff
 Handle
 Mango
 Manico



21160-04
 —
 21160-14



21160-04
 4 mm ø



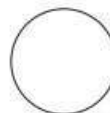
21160-06
 6 mm ø



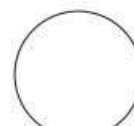
21160-07
 7 mm ø



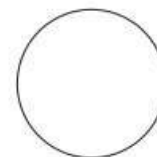
21160-08
 8 mm ø



21160-10
 10 mm ø



21160-12
 12 mm ø



21160-14
 14 mm ø

Watteträger, Spatel
Cotton Applicators, Spatulas
Porta-algodones, Espátulas
Portacotone, Spatole



FARRELL

4 3/4"	21270-12	12,0 cm
5 1/2"	21270-14	14,0 cm
6 1/2"	21270-16	16,5 cm
7"	21270-18	18,0 cm
9"	21270-23	23,0 cm



FARRELL

4 3/4"	21272-12	12,0 cm
5 1/2"	21272-14	14,0 cm
6 1/2"	21272-16	16,5 cm
7"	21272-18	18,0 cm
9"	21272-23	23,0 cm



1,5

REDA

4 3/4"	21290-12	12,0 cm
5 1/2"	21290-14	14,0 cm
6 1/4"	21290-16	16,0 cm
7"	21290-18	18,0 cm



1,5

REDA

4 3/4"	21292-12	12,0 cm
5 1/2"	21292-14	14,0 cm
6 1/4"	21292-16	16,0 cm
7"	21292-18	18,0 cm

Spatel
Plaster spatula
Espátula
Spatole



21190-14
14,5 cm, 5 3/4"



UCKERMANN
21310-15
15 cm, 6"

ø 3 mm



JOBSON-HORNE
21320-12 12 cm, 4 3/4"
21320-18 18 cm, 7"

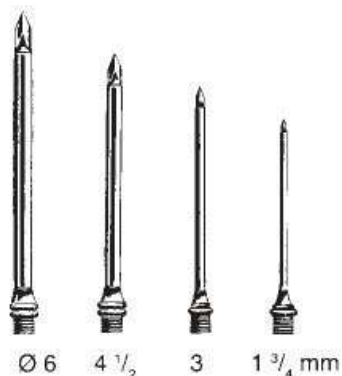


TOBOLD
21331-25
25 cm, 10"



21340-45
45 cm, 17 3/4"

Trokare
Trocars
Trócares
Trequarti



Ø 6 4 1/2 3 1 3/4 mm



UNIVERSAL
23104-00
compl.



STANDARD (Nelson)

23110-30	3,0 mm Ø
23110-35	3,5 mm Ø
23110-40	4,0 mm Ø
23110-45	4,5 mm Ø
23110-50	5,0 mm Ø
23110-55	5,5 mm Ø
23110-60	6,0 mm Ø



PIERCE

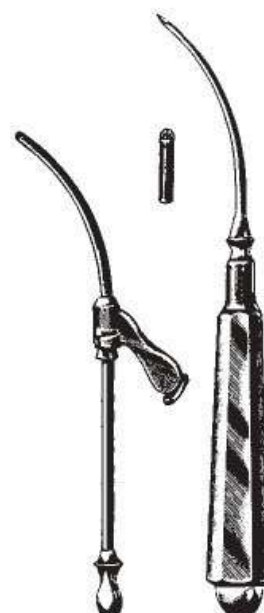
23123-30	3,0 mm Ø
23123-40	4,0 mm Ø
23123-50	5,0 mm Ø



DOUGLAS
23125-11 3 mm Ø

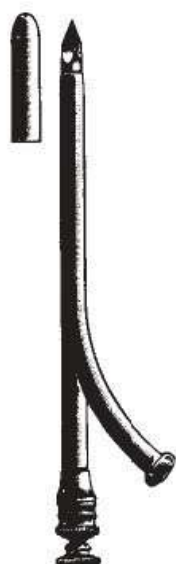


LICHTWITZ
23128-19 1,75 mm Ø



COAKLEY
23140-02 2,25 mm Ø

Trokare
Trocars
Trócares
Trequarti



Charr./	F.G.	OCHSNER
	10	23150-10
	12	23150-12
	14	23150-14
	16	23150-16
	18	23150-18
	20	23150-20



Charr./	F.G.	NELSON	Ø
	25	23170-25	7,5 mm
	30	23170-30	9,0 mm
	33	23170-33	10,5 mm
	35	23170-35	12,0 mm



SINOSKOPIE-TROKAR
universal
8,5 cm, 3.4"

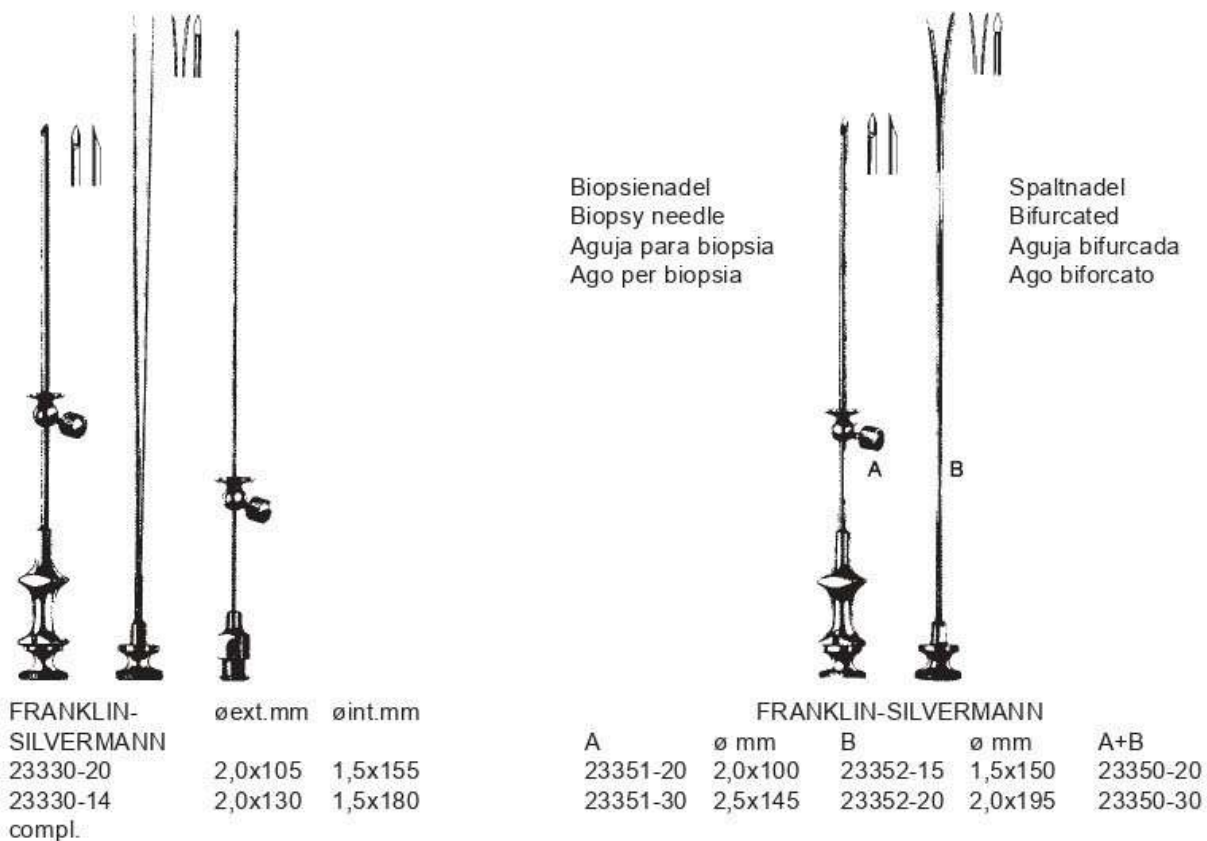
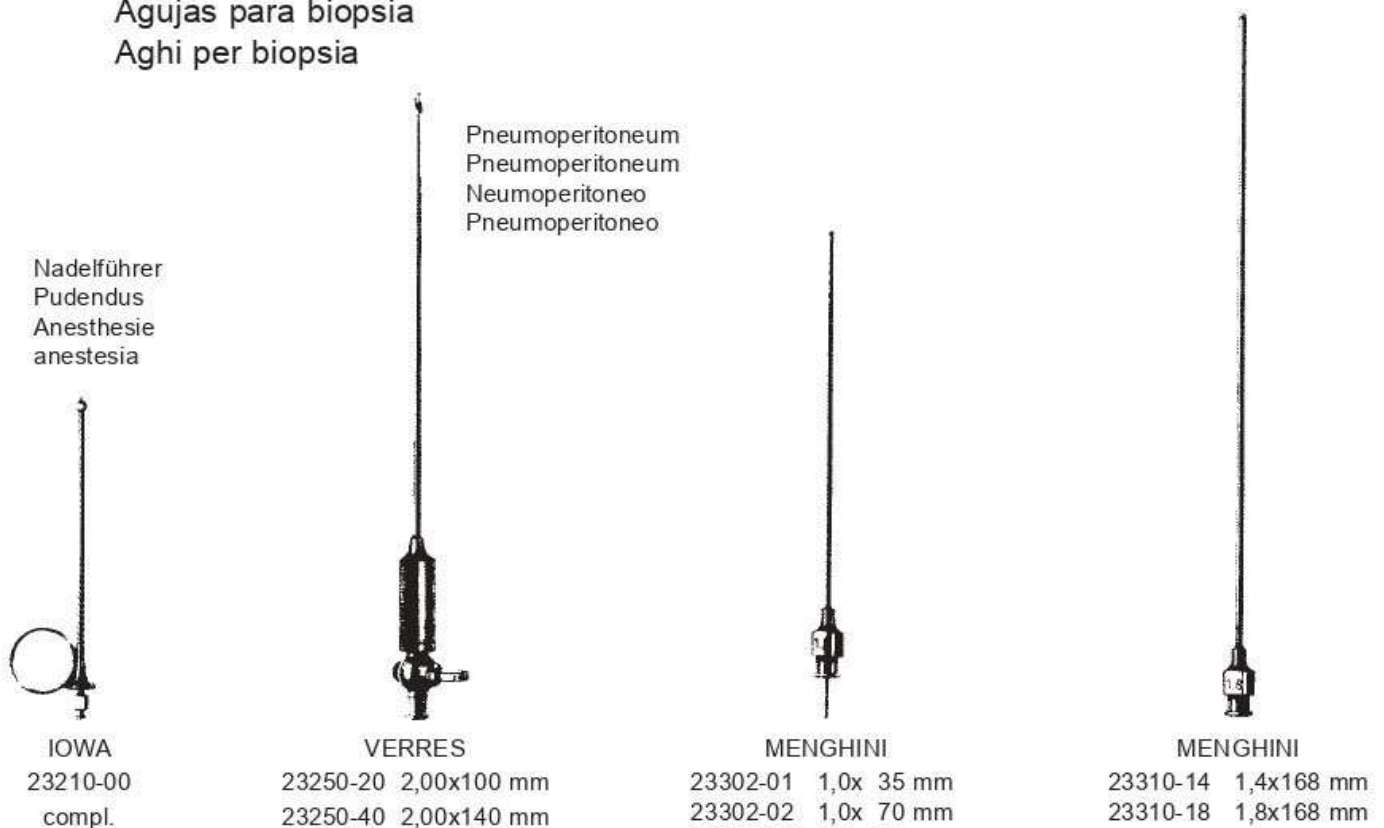
23180-27 f. Optik mit Ø 2,7 mm
23180-40 f. Optik mit Ø 4,0 mm



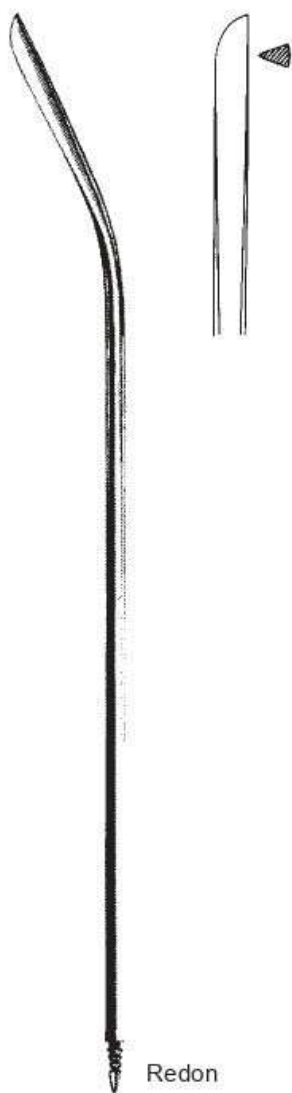
SINOSKOPIE-TROKAR
abgeschrägt/oblique beak
8,5 cm, 3.4"

23181-40 f. Optik mit Ø 4,0 mm

Biopsiekanülen
Biopsy Needles
Agujas para biopsia
Aghi per biopsia



Führungsnadeln
Guide needles
Aguja de Guía
Ago guida



23195-08 - 23195-18

Führungsnadel, gerade
Guide Needle, straight
Aguja de guía, recta
Ago guida, retta

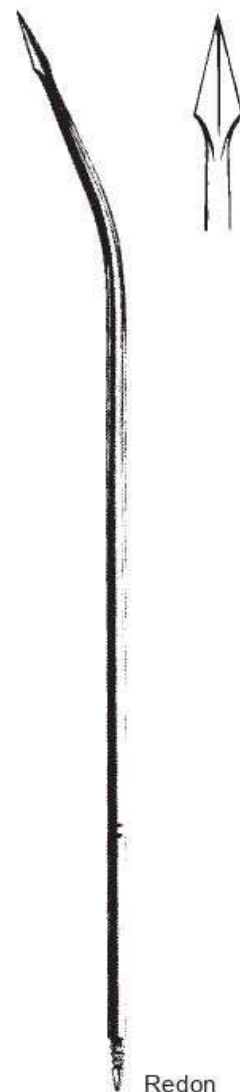
Charr./Fr.
8 23195-08
10 23195-10
12 23195-12
14 23195-14
16 23195-16
18 23195-18



23197-08 - 23197-18

Führungsnadel, gebogen
Guide Needle, curved
Aguja de guía, curva
Ago guida, curva

Charr./Fr.
8 23197-08
10 23197-10
12 23197-12
14 23197-14
16 23197-16
18 23197-18



23198-08 - 23198-18

Führungsnadel, Lanzettspitze
Guide Needle, with lancet tip
Aguja de guía, con punta lanceolar
Ago guida, con punta lanceolata

Charr./Fr.
8 23198-08
10 23198-10
12 23198-12
14 23198-14
16 23198-16
18 23198-18

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi



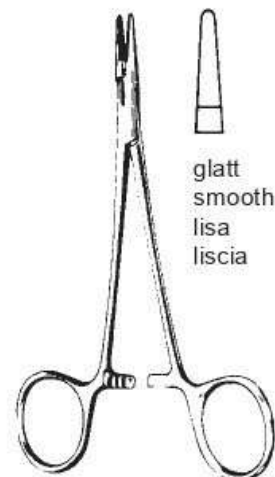
DERF
25110-12
12 cm, 4 $\frac{3}{4}$ "
25114-12 TC
12 cm, 4 $\frac{3}{4}$ "



DERF
25120-12
12,5 cm, 5"



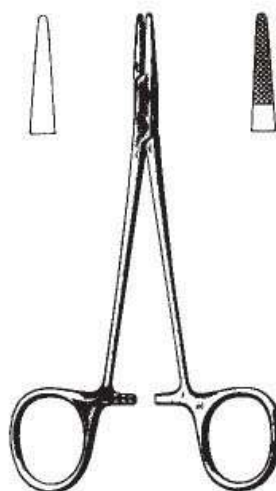
COLLIER
25122-12
12,5 cm, 5"



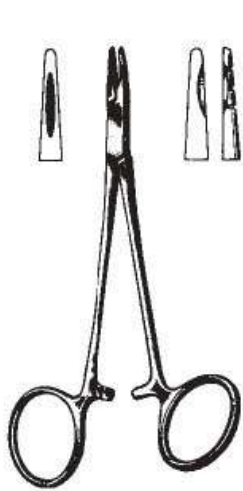
glatt
smooth
lisa
liscia

WEBSTER
25128-13
13 cm, 5 $\frac{1}{8}$ "
25129-13 TC
13 cm, 5 $\frac{1}{8}$ "

BABY-WEBSTER
25136-11
11 cm, 4 $\frac{3}{8}$ "
25137-11 TC
11 cm, 4 $\frac{3}{8}$ "



HALSEY
25130-13 25140-13
25134-13 TC 25144-13 TC
13 cm, 5 $\frac{1}{8}$ "



NEIVERT
25146-13
13 cm, 5 $\frac{1}{8}$ "



NEIVERT
25148-13 TC
13 cm, 5 $\frac{1}{8}$ "



BAUMGARTNER
25150-12 25154-12 TC
12,5 cm, 5"
25150-14 25154-14 TC
14,0 cm, 5 $\frac{1}{2}$ "

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi



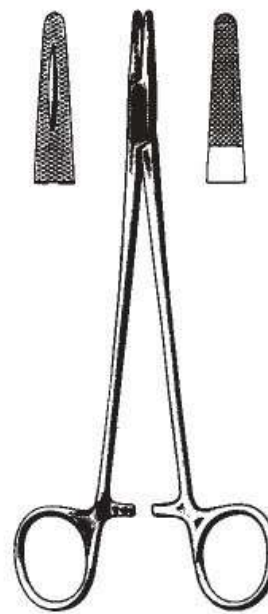
CRILE-WOOD

25160-15	15 cm, 6"	25164-15 TC
25160-18	18 cm, 7"	25164-18 TC
25160-20	20 cm, 8"	25164-20 TC
25160-23	23 cm, 9"	25164-23 TC



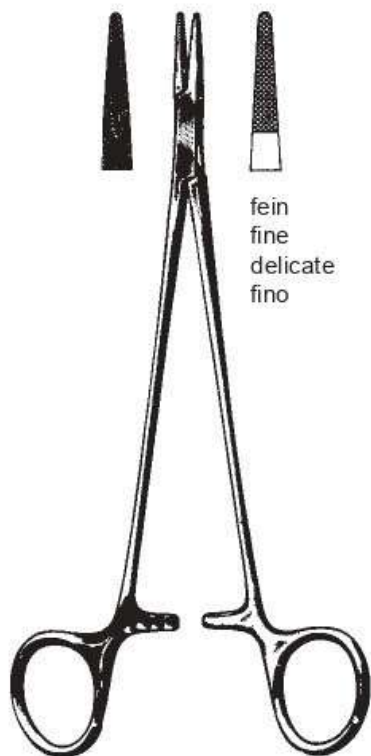
CRILE-MURRAY

25170-15	25174-15 TC
	15 cm, 6"



MAYO-HEGAR

25180-12	12 cm, 4 3/4"	25184-12 TC
25180-14	14 cm, 5 1/2"	25184-14 TC
25180-16	16 cm, 6 1/4"	25184-16 TC
25180-18	18 cm, 7"	25184-18 TC
25180-20	20 cm, 8"	25184-20 TC
25180-24	24 cm, 9 1/2"	25184-24 TC
25180-26	26 cm, 10 1/4"	25184-26 TC
25180-30	30 cm, 11 3/4"	25184-30 TC



fein
fine
delicate
fino

MAYO-HEGAR

25190-16	16 cm, 6 1/4"	25194-16 TC
25190-18	18 cm, 7"	25194-18 TC
25190-20	20 cm, 8"	25194-20 TC



BROWN

25196-13	13 cm, 5 1/8"
25196-18	18 cm, 7"

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DE BAKKEY

25214-16 TC	16 cm, 6 1/4"
25214-18 TC	18 cm, 7"
25214-20 TC	20 cm, 8"
25214-23 TC	23 cm, 9"
25214-26 TC	26 cm, 10 1/4"
25214-31 TC	31 cm, 12 1/4"

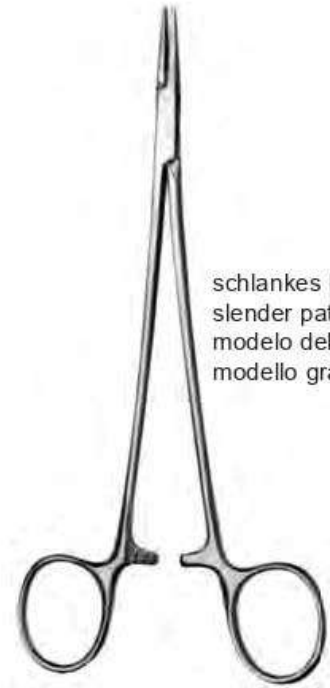


RYDER 1 mm

25224-13 TC	13 cm, 5 1/8"
25224-15 TC	15 cm, 6"
25224-18 TC	18 cm, 7"
25224-20 TC	20 cm, 8"
25224-23 TC	23 cm, 9"
25224-26 TC	26 cm, 10 1/4"

RYDER 2 mm

25225-13 TC	
25225-15 TC	
25225-18 TC	
25225-20 TC	
25225-23 TC	
25225-26 TC	



schlankes Modell
slender pattern
modelo delgado
modello gracile

MICROVASCULAR

25230-18 TC	18 cm, 7"
25230-20 TC	20 cm, 8"
25230-23 TC	23 cm, 9"



HEANEY

25241-21	21 cm, 8 1/4"
25241-26	26 cm, 10 1/4"
25245-21 TC	21 cm, 8 1/4"
25245-26 TC	26 cm, 10 1/4"



MASSON

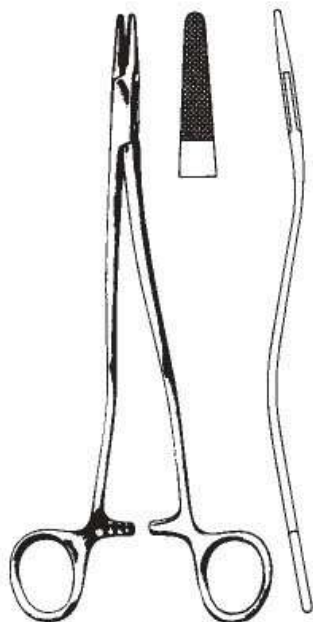
25250-27	27 cm, 10 1/2"
25254-27 TC	27 cm, 10 1/2"



WANGENSTEEN

25260-27	27 cm, 10 1/2"
25264-27 TC	27 cm, 10 1/2"

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BOZEMANN

25285-20 TC 20 cm, 8"
25285-24 TC 24 cm, 9 1/2"
25285-26 TC 26 cm, 10 1/4"



METZENBAUM

25290-18
18 cm, 7"



ADSON

25292-18
18 cm, 7"



JOHNSON

25293-27
27 cm, 10 1/2"



FINOCHIETTO

25311-20 20 cm, 8" 25315-20 TC
25311-27 27 cm, 10 1/2" 25315-27 TC



SAROT

25324-18 TC 18 cm, 7"
25324-26 TC 26 cm, 10 1/4"

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi



STRATTE

25330-21 21 cm, 8 1/4"

25330-23 23 cm, 9"

25334-23 TC



BABY-OLSEN-HEGAR

25405-12 25406-12

25408-12 TC 25407-12 TC

11,5 cm, 4 1/2"



OLSEN-HEGAR

25410-14 14 cm, 5 1/2"

25410-17 17 cm, 6 3/4"

18 cm, 7"

25414-14 TC

25414-17 TC

25414-18 TC



MATHIEU-OLSEN

25415-14 TC 14 cm, 5 1/2"

25415-17 TC 17 cm, 6 3/4"

25415-20 TC 20 cm, 8"



GILLIES

25430-11 11 cm, 4 3/8"

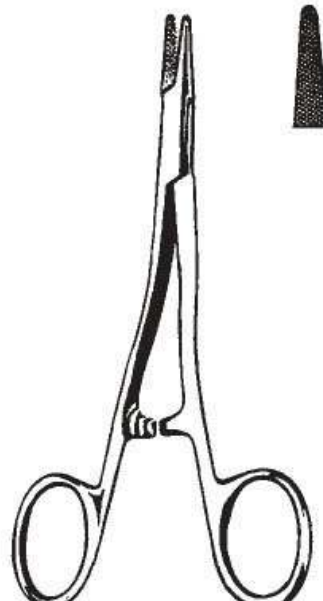
25430-13 13 cm, 5 1/8"

25430-16 16 cm, 6 1/4"

25434-11 TC

25434-13 TC

25434-16 TC

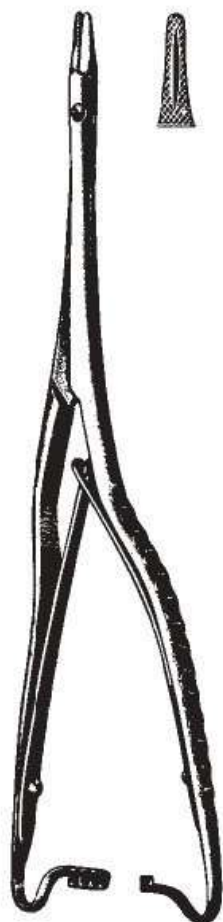


KILNER

25436-13 13 cm, 5 1/8"

25438-13 TC 13 cm, 5 1/8"

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi



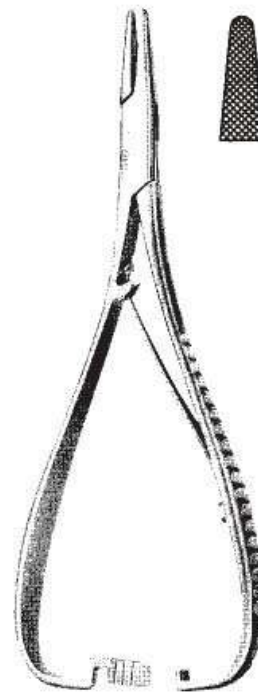
HOESEL

25446-25 25 cm, 10"
25447-25 TC 25 cm, 10"



CRILE

25438-15 15 cm, 6"



MATHIEU

25450-14 14 cm, 5 1/2" 25452-14 TC
25450-17 17 cm, 6 3/4" 25452-17 TC
25450-20 20 cm, 8" 25452-20 TC
25450-24 24 cm, 9 1/2" 25452-24 TC



LANGENBECK

25460-18 TC 18 cm, 7"
25460-20 TC 20 cm, 8"
25460-23 TC 23 cm, 9"



HOESEL

25465-20 TC 20 cm, 8"
25465-25 TC 25 cm, 10"



LICHTENBERG

25466-17 17 cm, 6 3/4" 25467-17 TC
25466-20 20 cm, 8" 25467-20 TC

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi

Oftalmologie
Ophthalmology
Oftalmología
Oftalmologia



STEVENS
25610-11
11 cm, 4 $\frac{3}{8}$ "



STEVENS
25612-13 13 cm, 5 $\frac{1}{8}$ "
25612-15 15 cm, 6"



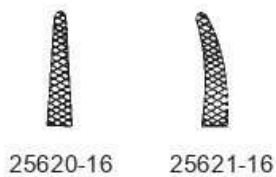
BOYNTON
25614-12
12 cm, 4 $\frac{3}{4}$ "



BOYNTON
25615-12 TC
12 cm, 4 $\frac{3}{4}$ "



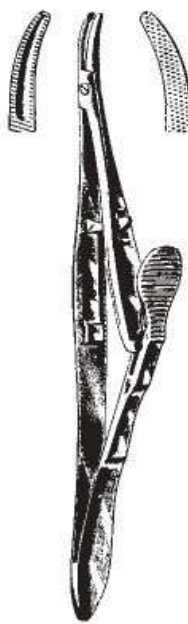
ARRUGA
25620-16 - 25624-16
16 cm, 6 $\frac{1}{4}$ "



25620-16 25621-16



25624-16 TC 25625-16 TC



KALT-ARRUGA
25627-14
14 cm, 5 $\frac{1}{2}$ "



KALT
25628-14
14 cm, 5 $\frac{1}{2}$ "

Nadelhalter
Needle Holders
Porta-agujas
Port'aghi



JACOBSEN
25667-18 18 cm, 7"
25668-18 TC 18 cm, 7"
25667-21 21 cm, 8 1/4"
25668-21 TC 21 cm, 8 1/4"



CASTROVIEJO
14 cm, 5 1/2"



25670-14
glatt
smooth
lisa
liscia



25672-14
gerieft
serrated
estriada
zigrinato



25676-14 TC



25671-14
glatt
smooth
lisa
liscia



25673-14
gerieft
serrated
estriada
zigrinato



25677-14 TC



25678-09



25679-09



CASTROVIEJO-MICRO
9 cm, 3 1/2"



CASTROVIEJO
25680-13 13 cm, 5 1/8"
25684-13 TC 13 cm, 5 1/8"

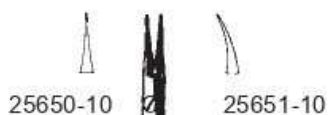
Mikro-Nadelhalter
 Micro-Needle Holders
 Micro-Porta-agujas
 Micro-Port'aghi



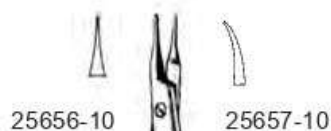
CASTROVIEJO-STANDARD
 25678-14 14 cm, 5 1/2"



CASTROVIEJO-STANDARD
 25679-14 14 cm, 5 1/2"



BARRAQUER
 10 cm, 4"



BARRAQUER-TROUTMAN
 10 cm, 4"

Mikro-Nadelhalter
Micro-Needle Holders
Micro-Porta-agujas
Micro-Port'aghi



BARRAQUER
13 cm, 5 1/8"



BARRAQUER
14 cm, 5 1/2"



BARRAQUER
18 cm, 7"



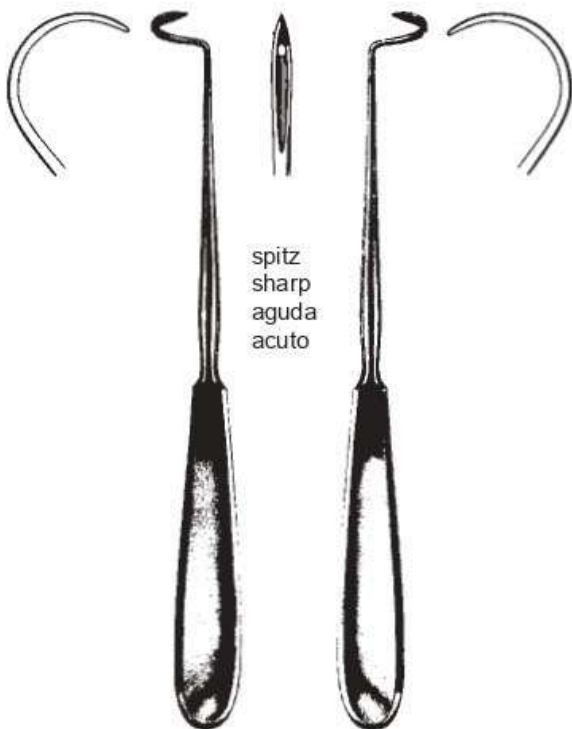
BARRAQUER
18 cm, 7"

Unterbindungsnadeln
Ligature Needles
Agujas para ligaduras
Aghi per legature

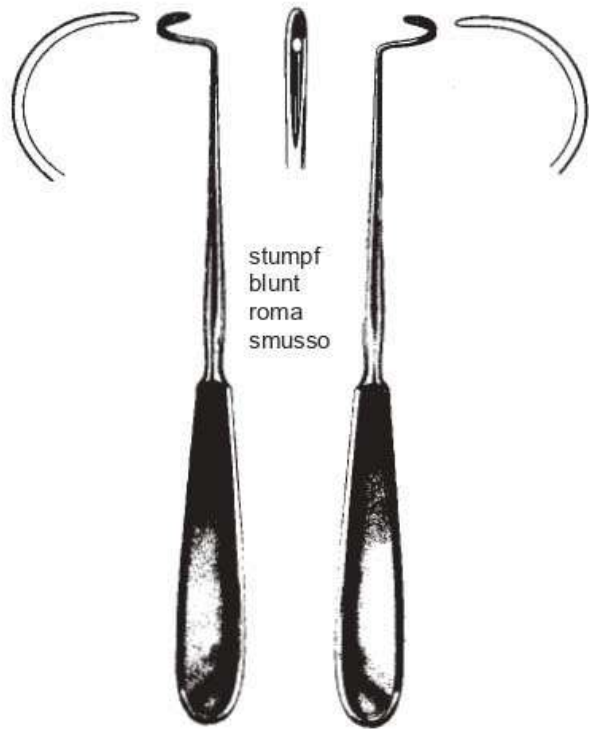


biegsam
malleable
maleable
malleabile

27109-20



spitz
sharp
aguda
acuto



stumpf
blunt
roma
smusso

L	DESCHAMPS	R
27110-21	21 cm, 8 1/4"	27111-21
27110-24	24 cm, 9 1/2"	27111-24
27110-27	27 cm, 10 1/2"	27111-27

L	DESCHAMPS	R
27120-21	21 cm, 8 1/4"	27121-21
27120-24	24 cm, 9 1/2"	27121-24
27120-27	27 cm, 10 1/2"	27121-27