

Retraktoren

- Doppelringschlüssel Retraktoren**
- Bauchdeckenhalter**
- Selbst Wundspreizer**

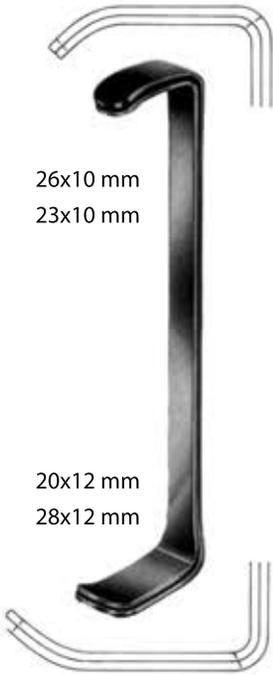
Retractors

- Double Ended Retractors**
- Abdominal Retractors**
- Self Retaining Retractors**

Ecarteurs

- Doubles enrouleurs terminés**
- Rétracteurs abdominale**
- Auto Ecarteurs de soutènement**

SE

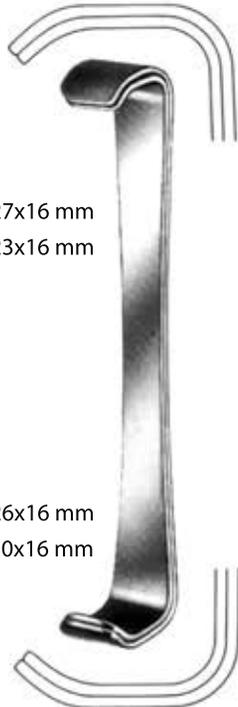


26x10 mm
23x10 mm

20x12 mm
28x12 mm

Farabeuf
13 cm/5.2"
SE-1002-12

Set

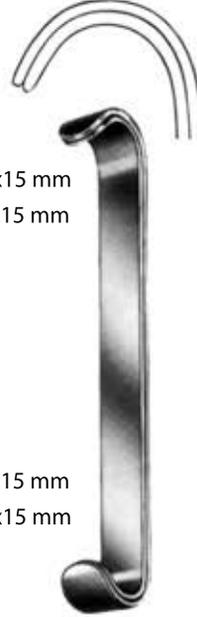


27x16 mm
23x16 mm

26x16 mm
30x16 mm

Farabeuf
15 cm/6"
SE-1002-15

Set



22x15 mm
19x15 mm

19x15 mm
22x15 mm

Parker
13,5 cm/5.4"
SE-1100-18

Set



27x25 mm
24x25 mm

26x25 mm
29x25 mm

Parker
18 cm/7.2"
SE-1101-18

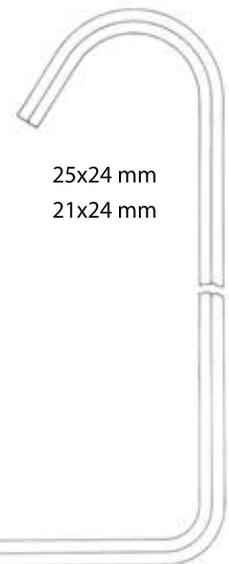
Set



Lane
13x19 mm SE-1220-19
25x32 mm SE-1220-32
23 cm/9.2"

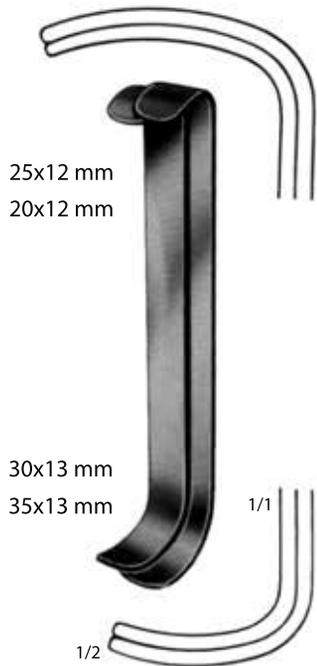


Parker-Mott
16 cm/6.4" Satz-Set
SE-1100-13

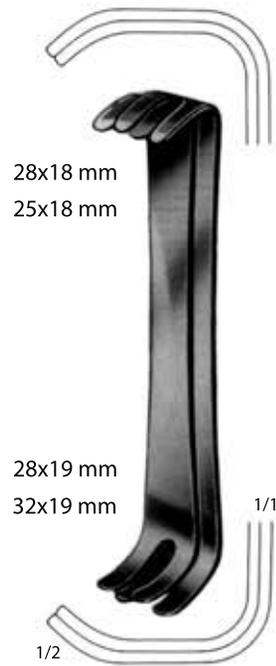


25x24 mm
21x24 mm

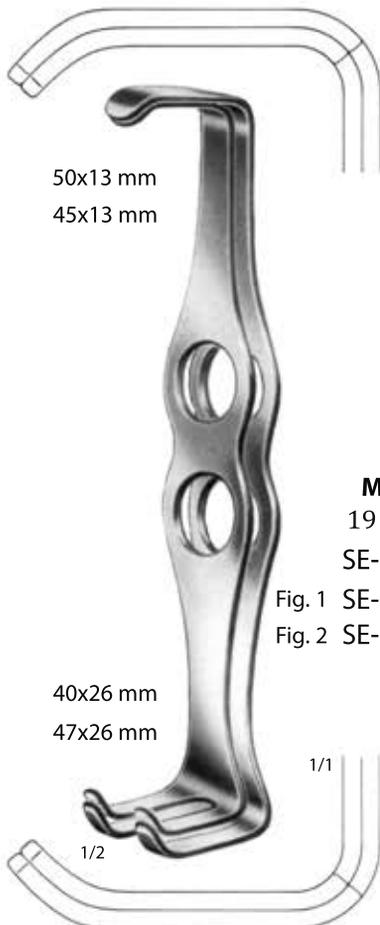
68x24 mm
74x24 mm



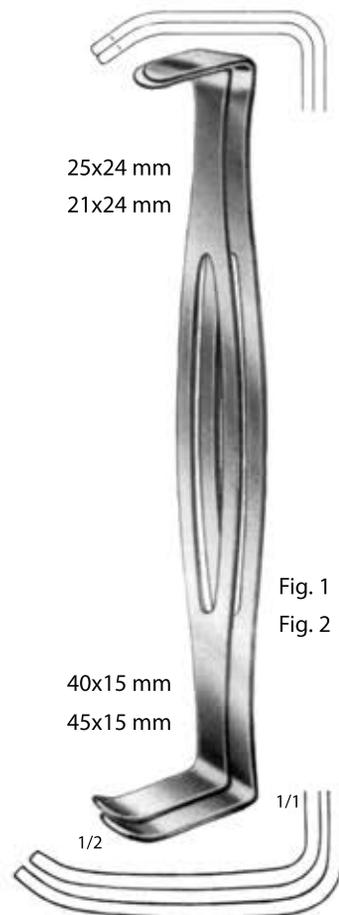
Collin
16,5 cm/6.6"
SE-1120-16
Set



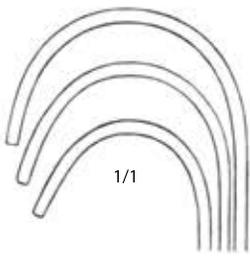
Mayo-Collins
15 cm/6"
SE-1102-15
Set

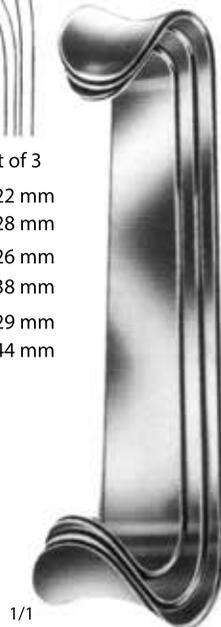


Mathieu
19 cm/7.6"
SE-1304-20
Fig. 1 SE-1304-01
Fig. 2 SE-1304-02
Set

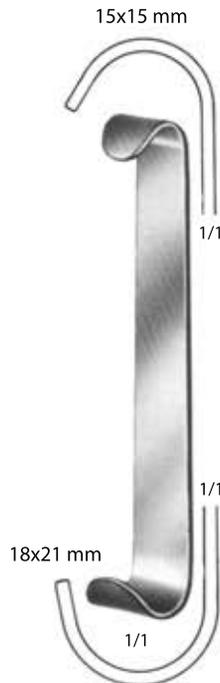


**Parker-Langenbeck
(US Army)**
21 cm/8.4"
SE-1301-21
Fig. 1 SE-1301-01
Fig. 2 SE-1301-02
Set

- 
- # 3
2
1
- 1/1
- SE-1200-00 Set of 3
SE-1200-14 # 1 20x22 mm
25x28 mm
SE-1200-15 # 2 23x26 mm
29x38 mm
SE-1200-17 # 3 29x29 mm
34x44 mm



Roux
16,5 cm/6.6"



Baby-Roux
13 cm/5.2"
SE-1202-13



Roux
18,5 cm/7.4"
SE-1200-18



Mini-Roux
15 cm/6"
SE-1204-15



Roux-Magnus
15 cm/6"
SE-1201-01



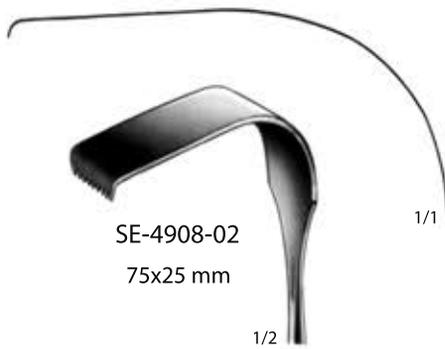
Roux-Magnus
16 cm/6.4"
SE-1201-02



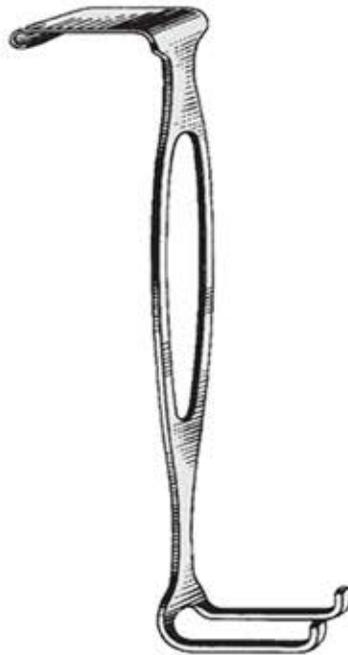
Roux-Magnus
17 cm/6.8"
SE-1201-03



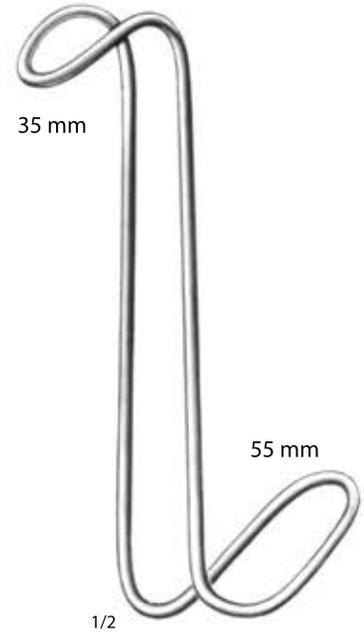
SE-4908-01
50x16 mm



SE-4908-02
75x25 mm



Czerny
SE-1306-22
32x22 mm



Collin-Hartmann
16 cm/6.4" SE-1307-16
14 cm/5.6" SE-1307-14



SE-4908-03
90x50 mm

Meyerding
22,5 cm/9"



Richardson Eastman
Set SE-1400-00
Fig. 1 SE-1400-01 26.0 cm
Fig. 2 SE-1400-02 28.0 cm



Goelet
19 cm/7.6"
SE-1305-19

12x4 mm



20x6 mm

1/2

Crile

SE-1207-11 11 cm/4.4"
SE-1207-13 15.5 cm/6.2"
6X13/10X21

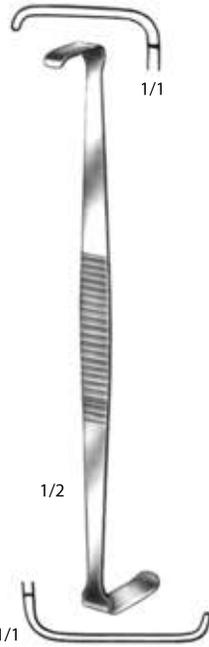


1/2

1/1

Luer

11 cm/4.4"
SE-1208-11



1/1

1/2

1/1

House

15 cm/6"
SE-1209-15N

20X20 mm

20 mm



20X16 mm

SE-1312-20
20 cm/8"



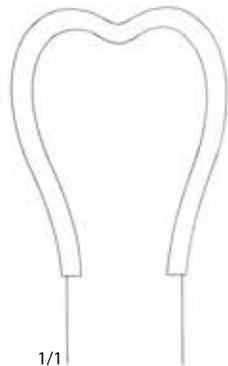
Heaney

28 cm/11.2"
45X28 mm SE-4802-45
73X28 mm SE-4802-73
82X28 mm SE-4802-82



Deaver Grip

25X310 mm SE-1809-25
38X310 mm SE-1809-38
50X310 mm SE-1809-50
75X310 mm SE-1809-75
100X310 mm SE-1810-00



1/1

Fig 1. 25X230 mm
Fig 2. 40X320 mm
Fig 3. 62X320 mm

Harrington

32 cm/12.8"
Fig 1. SE-1901-25
Fig 2. SE-1901-40
Fig 3. SE-1901-62 1/2



Vagotomy retractor



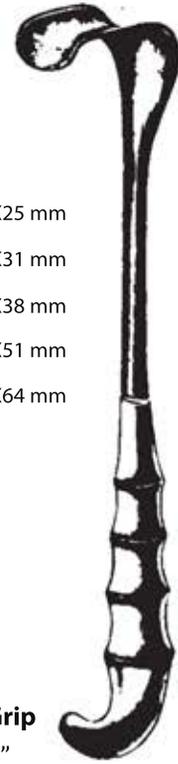
Weinberg

24 cm/9.6"
90X100 mm
SE-1908-00



- SE-1500-01 28X20 mm
- SE-1500-02 30X28 mm
- SE-1500-03 38X37 mm
- SE-1500-04 52X22 mm

Richardson
24 cm/9.6"



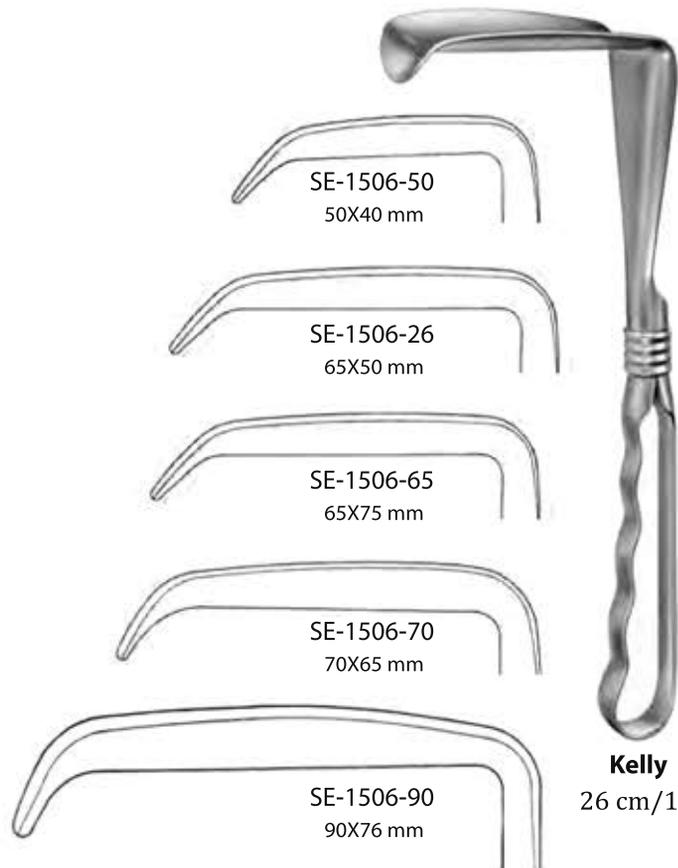
- SE-1502-25 20X25 mm
- SE-1502-31 25X31 mm
- SE-1502-38 38X38 mm
- SE-1502-51 19X51 mm
- SE-1502-64 41X64 mm

Richardson Grip
24 cm/9.6"



Kelly Grip
26 cm/10.4"

- SE-1508-51 38X51 mm
- SE-1508-64 51X64 mm
- SE-1508-76 64X76 mm
- SE-1508-82 70X82 mm



SE-1506-50
50X40 mm

SE-1506-26
65X50 mm

SE-1506-65
65X75 mm

SE-1506-70
70X65 mm

SE-1506-90
90X76 mm

Kelly
26 cm/10.4"



Ribbon

SE-1700-13 = 330x13 mm
SE-1700-19 = 330x20 mm
SE-1700-25 = 330x25 mm
SE-1700-30 = 330x30 mm
SE-1700-32 = 330x32 mm
SE-1700-40 = 330x40 mm
SE-1700-50 = 330x50 mm
SE-1700-75 = 330x75 mm
33 cm/13.2"

malleable



Haberer

SE-1704-25 28 cm/11.2" 25/30 mm
SE-1704-37 30 cm/12" 37/45 mm
SE-1704-50 30 cm/12" 40/50 mm

malleable



Tuffier

20 cm/8"
SE-1704-17

malleable



Ribbon (Davis)

SE-1608-06 = 200x6 mm
SE-1608-07 = 200x8 mm
SE-1608-09 = 200x10 mm
SE-1608-12 = 200x12 mm
SE-1608-17 = 200x17 mm
SE-1608-20 = 200x20 mm
SE-1608-24 = 200x25 mm
SE-1608-25 = 250x25 mm

malleable



1/2
Deaver
Fig. 000
18 cm/7.2"
SE-1800-19

1/2
Deaver
00
21,5 cm/8.6"
SE-1801-22

1/2
Deaver
0
23 cm/9.2"
SE-1801-25

1/2
Deaver
1
30 cm/12"
SE-1803-25

1/2
Deaver
2
33 cm/13.2"
SE-1805-25

1/2
Deaver
2 1/2
36 cm/14.4"
SE-1807-25



38mm

Deaver
Fig. 3
30 cm/12"
SE-1807-38



50 mm

Deaver
4
30 cm/12"
SE-1807-50

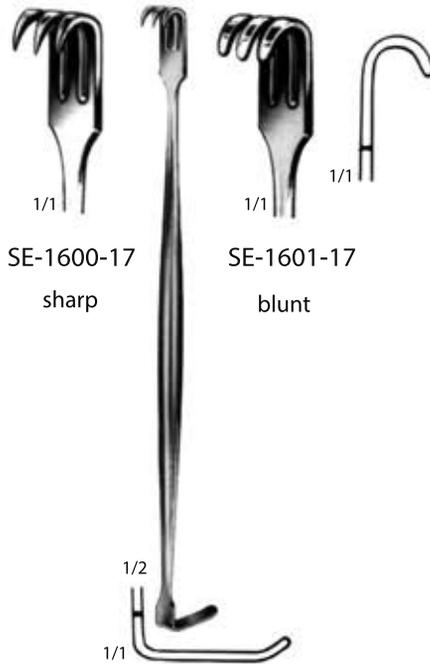


75 mm

Deaver
5
30 cm/12"
SE-1807-75



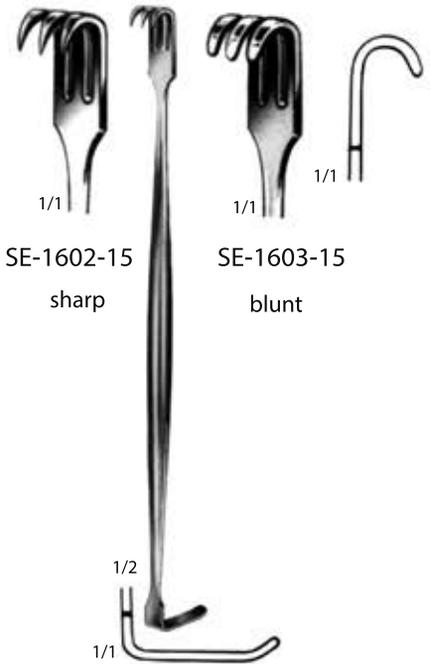
Ragnell-Davis
14 cm/5.6"
SE-1598-14



SE-1600-17
sharp

SE-1601-17
blunt

Senn-Miller
17 cm/6.8"

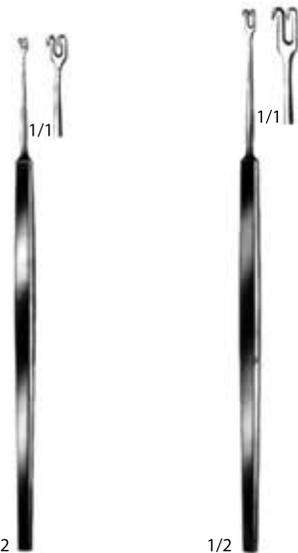


SE-1602-15
sharp

SE-1603-15
blunt

Baby Senn-Miller
15 cm/6"

Fixation Hooks, double



Guthrie
12 cm/4.8"
SE-2102-01

Guthrie
13 cm/5.2"
SE-2102-02

Iris Hooks



Graefe (Tyrell)
12 cm/4.8"



SE-2100-12
sharp



SE-2101-12
blunt



Bergmann
14 cm/5.6"
SE-5220-14

Abdominal Spatula



Chevret

30 cm/12"

40 mm SE-1604-40
60 mm SE-1604-60
80 mm SE-1604-80

Dural Hooks



Frazier

13 cm/5.2" SE-2104-13
18 cm/7.2" SE-2104-18

sharp



Frazier

13 cm/5.2" SE-2105-13
18 cm/7.2" SE-2105-18

blunt



Tonnis

15 cm/6"
SE-2109-15

Mucous Hooks



Kleinert-Kutz

16 cm/6.4"

1/1
SE-2105-03N



SE-2105-05N

SE-2105-07N



Joseph

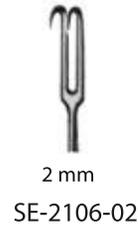
15 cm/6"
SE-2106-01

1/1



Joseph

16 cm/6.4"



2 mm
SE-2106-02



5 mm
SE-2106-05



1/1
7 mm
SE-2106-07



10 mm
SE-2106-10



flexible



16 cm/6.4"

16 cm/6.4"

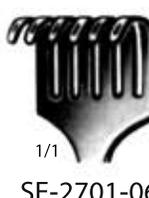
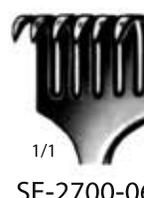


sharp

blunt

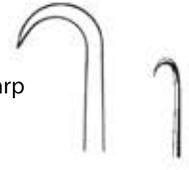
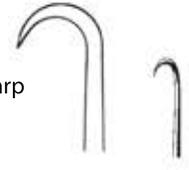
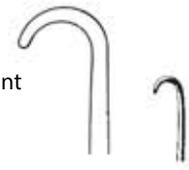
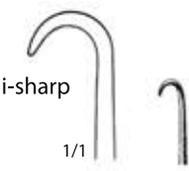
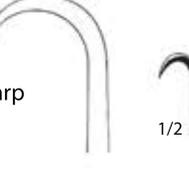
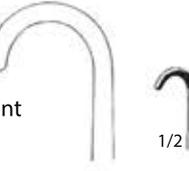
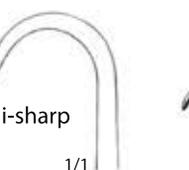


1/2
Volkmann
11,5 cm/4.6"



1/2
17 cm/6.8"

1/2
Klapp
17,5 cm/7"

 <p>1/2</p>	sharp		9x8 mm	9x13 mm	9x19 mm	9x29 mm	9x40 mm
			1/2 SE-2800-02	1/2 SE-2800-03	SE-2800-04	SE-2800-06	SE-2800-08
			SE-2800-01				
	blunt		1/2 SE-2801-02	1/2 SE-2801-03	SE-2801-04	SE-2801-06	SE-2801-08
		SE-2801-01					
	semi-sharp		1/2 SE-2803-02	1/2 SE-2803-03	SE-2803-04	SE-2803-06	SE-2803-08
		SE-2803-01					
Volkmann 21,5 cm/8.6"							
 <p>1/2</p>	sharp		15x10 mm	15x15 mm	15x20 mm	15x30 mm	15x40 mm
			1/2 SE-2810-02	1/2 SE-2810-03	SE-2810-04	SE-2810-06	SE-2810-08
			SE-2810-01				
	blunt		1/2 SE-2811-02	1/2 SE-2811-03	SE-2811-04	SE-2811-06	SE-2811-08
		SE-2811-01					
	semi-sharp		1/2 SE-2813-02	1/2 SE-2813-03	SE-2813-04	SE-2813-06	SE-2813-08
		SE-2813-01					
Kocher 21,5 cm/8.6"							



Meyerding
18 cm/7.2"



SE-3002-01
18X7 mm



SE-3002-04
7X4 mm



SE-3002-02
16X5 mm



SE-3002-05
10X3 mm



SE-3002-03
7X4 mm



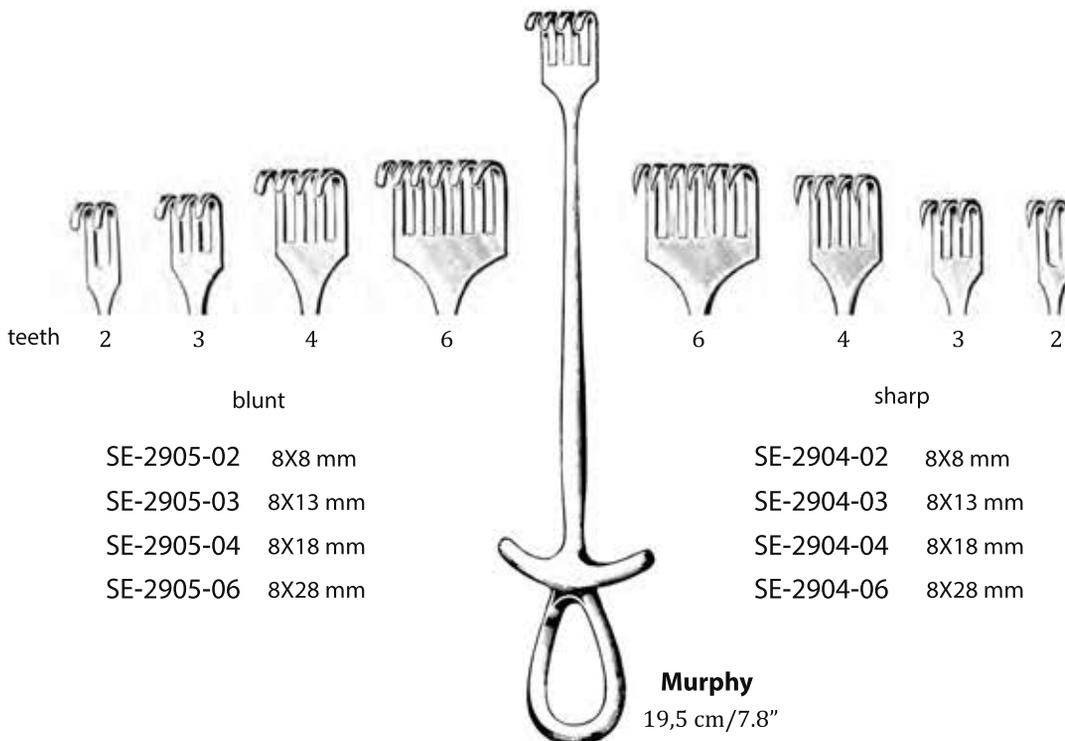
SE-3002-06
10X4 mm



Volkman
22 cm/8.8"
SE-2828-01



Volkman
22 cm/8.8"
SE-2829-01



teeth

2

3

4

6

6

4

3

2

blunt

- SE-2905-02 8X8 mm
- SE-2905-03 8X13 mm
- SE-2905-04 8X18 mm
- SE-2905-06 8X28 mm

sharp

- SE-2904-02 8X8 mm
- SE-2904-03 8X13 mm
- SE-2904-04 8X18 mm
- SE-2904-06 8X28 mm

Murphy
19,5 cm/7.8"



1/2

Israel
25 cm/10"



40x40 mm

SE-3604-40



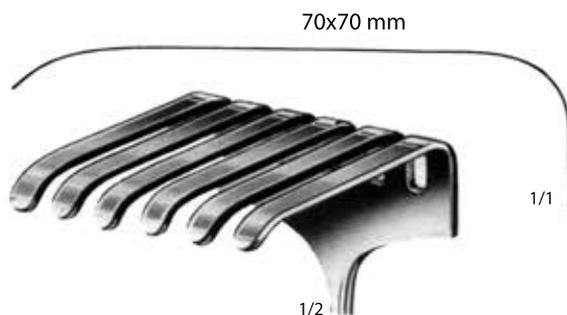
45x50 mm

SE-3604-50



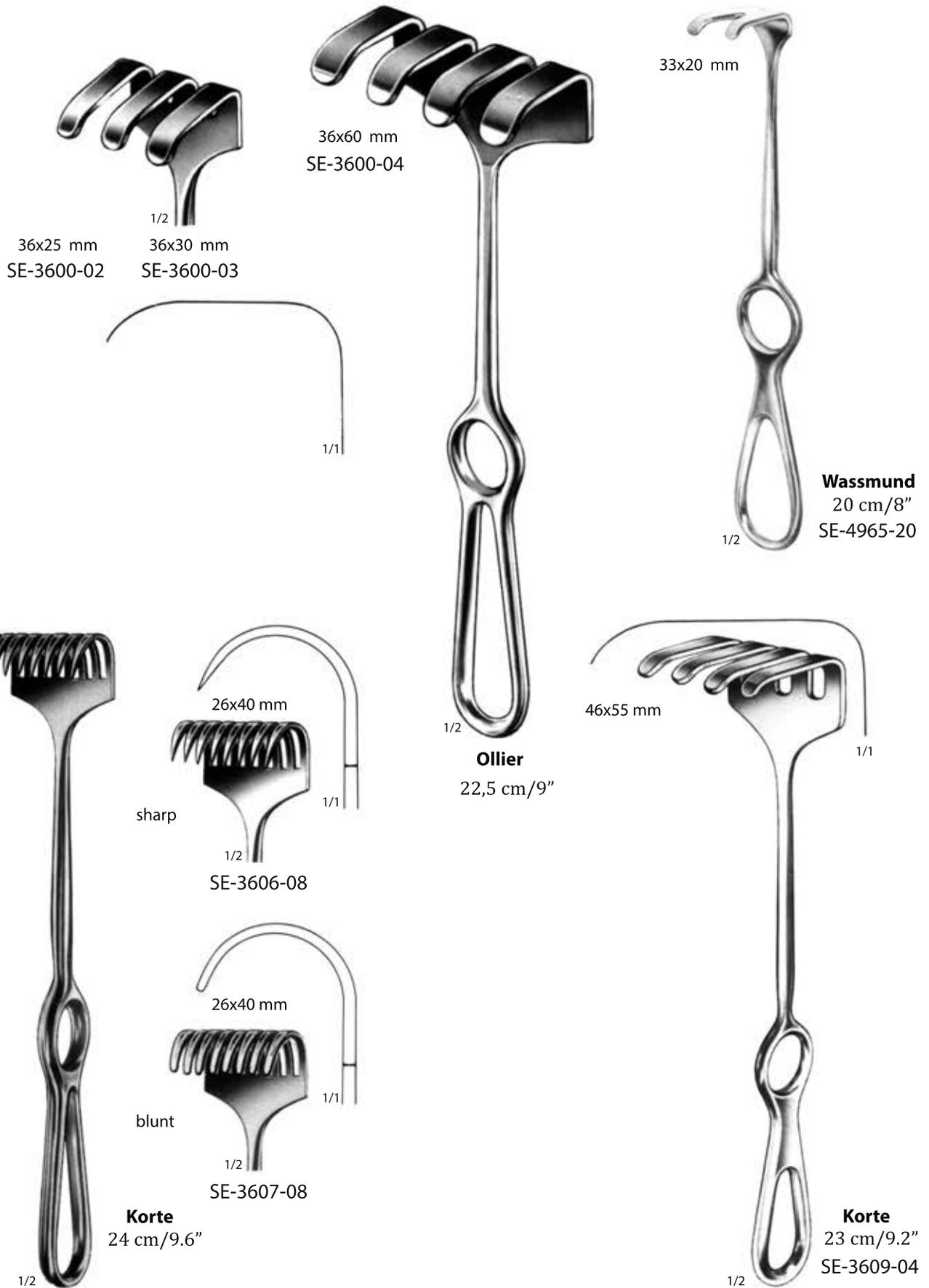
50x60 mm

SE-3604-60

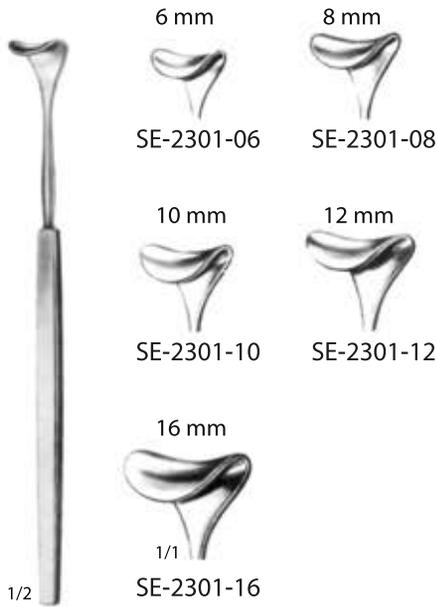


70x70 mm

SE-3604-70



Lid Retractors



Desmarres
13 cm/5.2"

Decompression Hook



Cushing
20 cm/8"
SE-2314-20

Saddle retractor

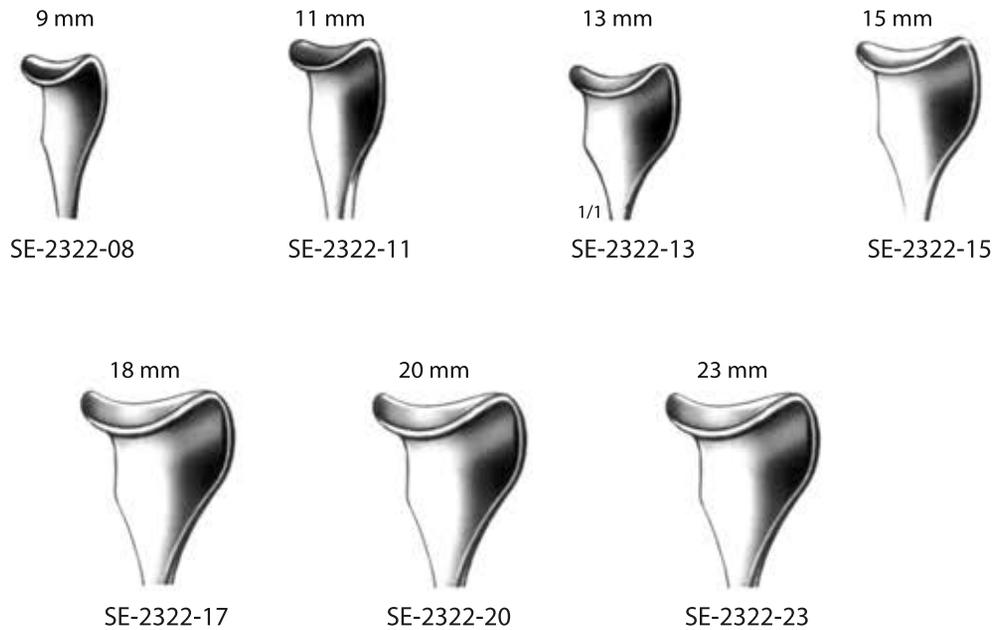


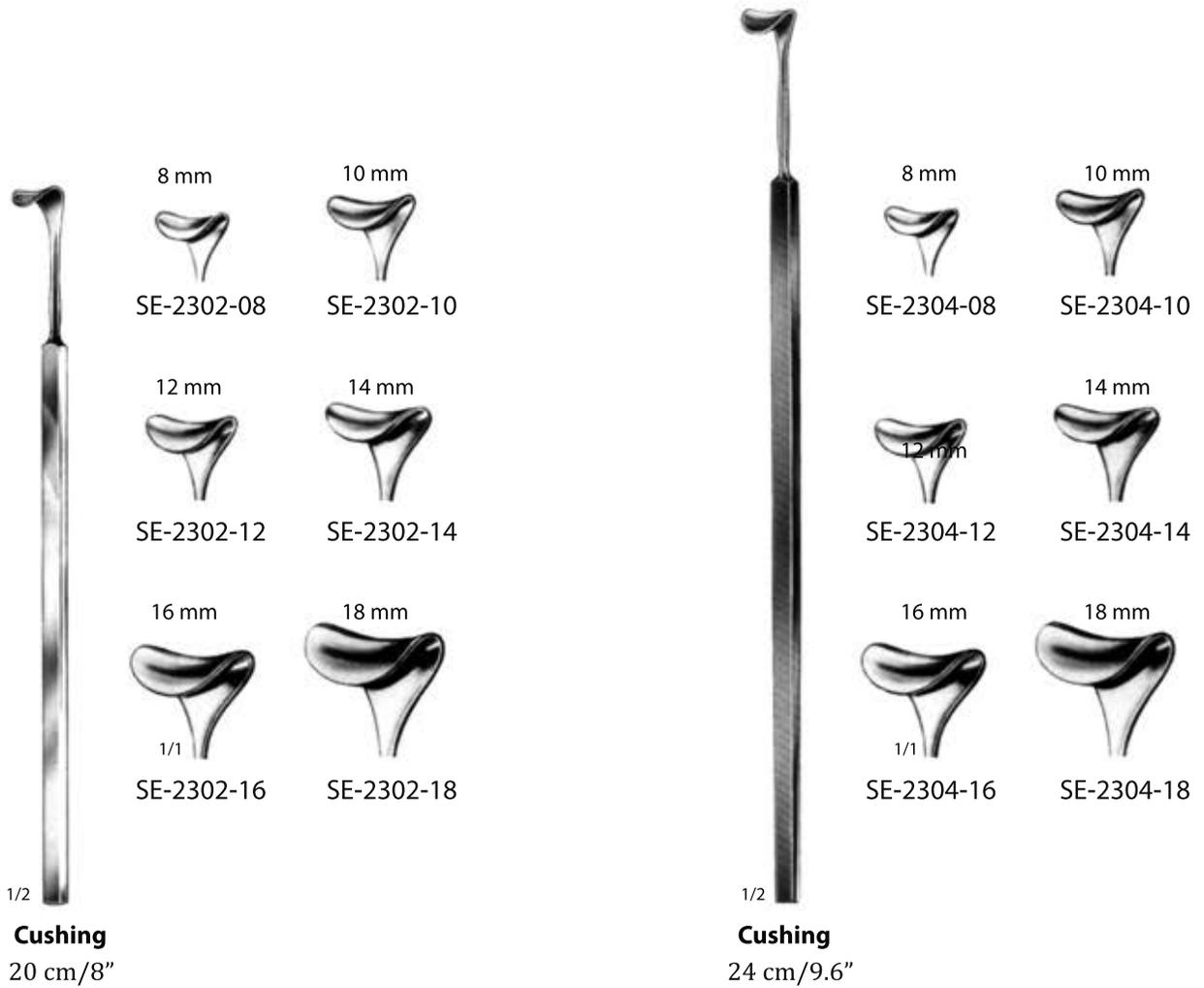
Cushing
21.5 cm/8.6"
SE-2316-21

malleable

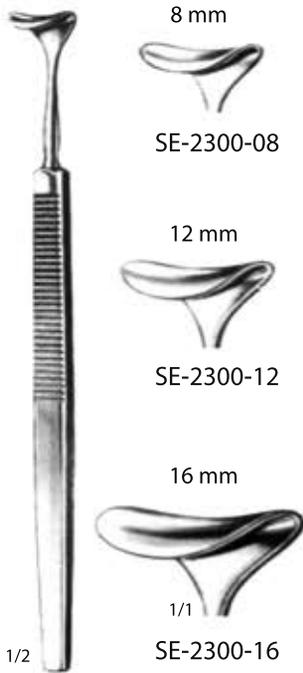


Gil-Vernet
28 cm/11.2"

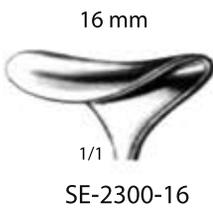




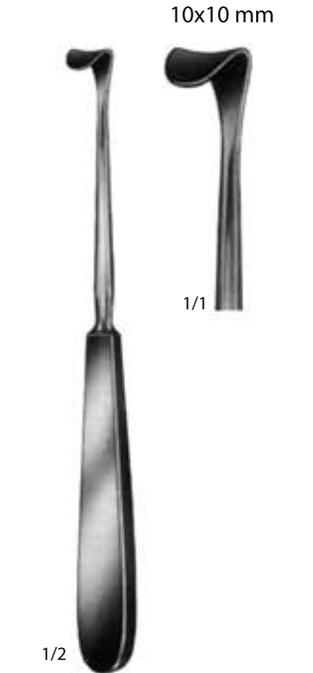
Wound-and Vein Retractors



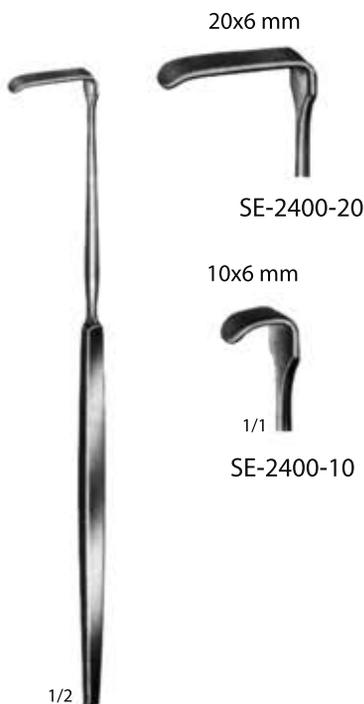
Desmarres
16 cm/6.4"



Konig
17 cm/6.8"



Cushing-Kocher
18 cm/7.2"
SE-3401-18



Senn-Green
16 cm/6.4"



Strandell-Stille
19 cm/7.6"
SE-2415-01



Strandell-Stille
19 cm/7.6"
SE-2415-02



Langenbeck-Green
16 cm/6.4"



SE-2406-16
16X6 mm



SE-2406-24
24X6 mm



Mini-Langenbeck
16 cm/6.4"

10X6 mm



SE-2407-10

20X6 mm



SE-2407-20

17X5 mm



1/1
SE-2407-17

22X8 mm



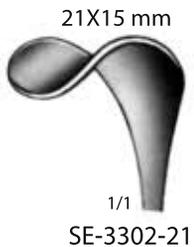
SE-2407-22



19X12 mm

1/1

SE-3302-19



21X15 mm

1/1

SE-3302-21



1/2

Kocher
19 cm/7.6"



1/1

1/2

Kocher
22 cm/8.8"

40X10 mm SE-3400-10
40X15 mm SE-3400-15
40X20 mm SE-3400-20



1/2

Middeldorpf

14X17 mm



1/2

SE-3404-14
21.5 cm/8.6"

20X22 mm



1/2

SE-3404-20
22 cm/8.8"

26X30 mm



1/2

SE-3404-26
23.5 cm/9.4"



1/2

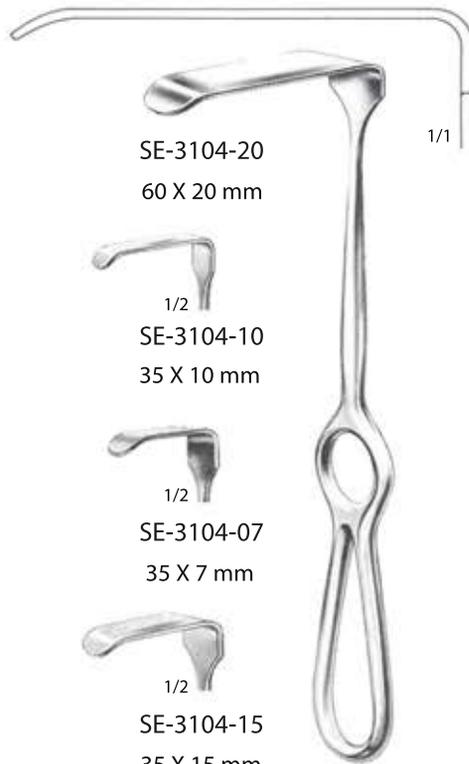
Green
22 cm/8.8"
SE-3408-22



Lehey
19 cm/7.6"
SE-3004-19



Little
20 cm/8"
SE-3006-20



SE-3104-20
60 X 20 mm



SE-3104-10
35 X 10 mm



SE-3104-07
35 X 7 mm



SE-3104-15
35 X 15 mm

Langenbeck
21 cm/8.4"



Langenbeck
21 cm/8.4"
SE-3107-21



Langenbeck
SE-3105-22 21 cm/8.4" SE-3105-21
55 X 20 mm 60 X 20 mm



SE-3906-40
40 X 12 mm



SE-3906-55
55 X 14 mm



Dockhorn
20 cm/8"



SE-3907-55
55 X 14 mm

SE-3906-67 67 X 17 mm
Caspar
20 cm/8"



1/2

Langenbeck
22 cm/8.8"
SE-3100-##



◀ SE-3100-01 # 1
SE-3102-01 ▶



◀ SE-3100-02 # 2
SE-3102-02 ▶



◀ SE-3100-03 # 3
SE-3102-03 ▶



◀ SE-3100-04 # 4
SE-3102-04 ▶



◀ SE-3100-05 # 5
SE-3102-05 ▶



SE-3102-06 # 6 ▶



SE-3102-07 # 7 ▶



1/2

Langenbeck
21 cm/8.4"
SE-3102-##



SE-3402-01
25x6 mm



SE-3402-02
35x8 mm



1/1 SE-3402-03
35x11 mm



SE-3402-04
35x15 mm



SE-3402-05
40x11 mm



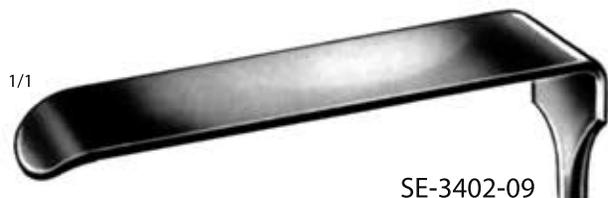
SE-3402-06
55x11 mm



SE-3402-07
70x14 mm



SE-3402-08
80x12 mm



1/1 SE-3402-09
80x16 mm



1/2

Kocher-Langenbeck

21,5 cm/8.6"



1/2
Kocher
23 cm/9.2"

40X18 mm
SE-3108-40 1/1

57X25 mm
SE-3108-57 1/1

60X20 mm
SE-3108-60 1/1

60X25 mm
SE-3108-61 1/1

75X30 mm
SE-3108-75 1/1

75X40 mm
SE-3108-78 1/1



Morris

SE-3900-38 50X38 mm
SE-3900-51 50X50 mm
SE-3900-64 50X63 mm



Morris

SE-3902-01 50x32X37 mm
SE-3902-02 50x44X50 mm
SE-3902-03 50x57X63 mm

Thorax Retractors



1/2

cm	inch	mm	Zenker
25	10	35X8	SE-4912-35
26	10.4	60X12	SE-4912-60
27,5	11	75X12	SE-4912-75
29	11.6	120X12	SE-4912-20



1/2



1/1



1/1



1/1



1/1



1/1



1/1

SE-3706-07
220X40 mm

SE-4921-22 120x52 mm

SE-4921-21 105x30 mm

SE-4921-20 90x28 mm



Doyen-Stille
22 cm/8.8"

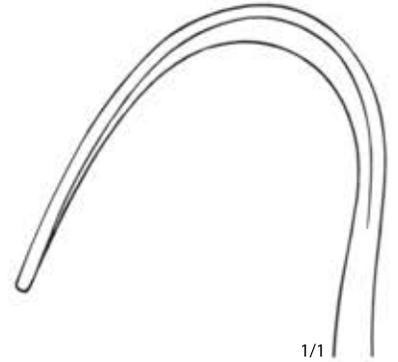


Middeldorp
25,5 cm/10.2"

SE-4933-45
45x45 mm

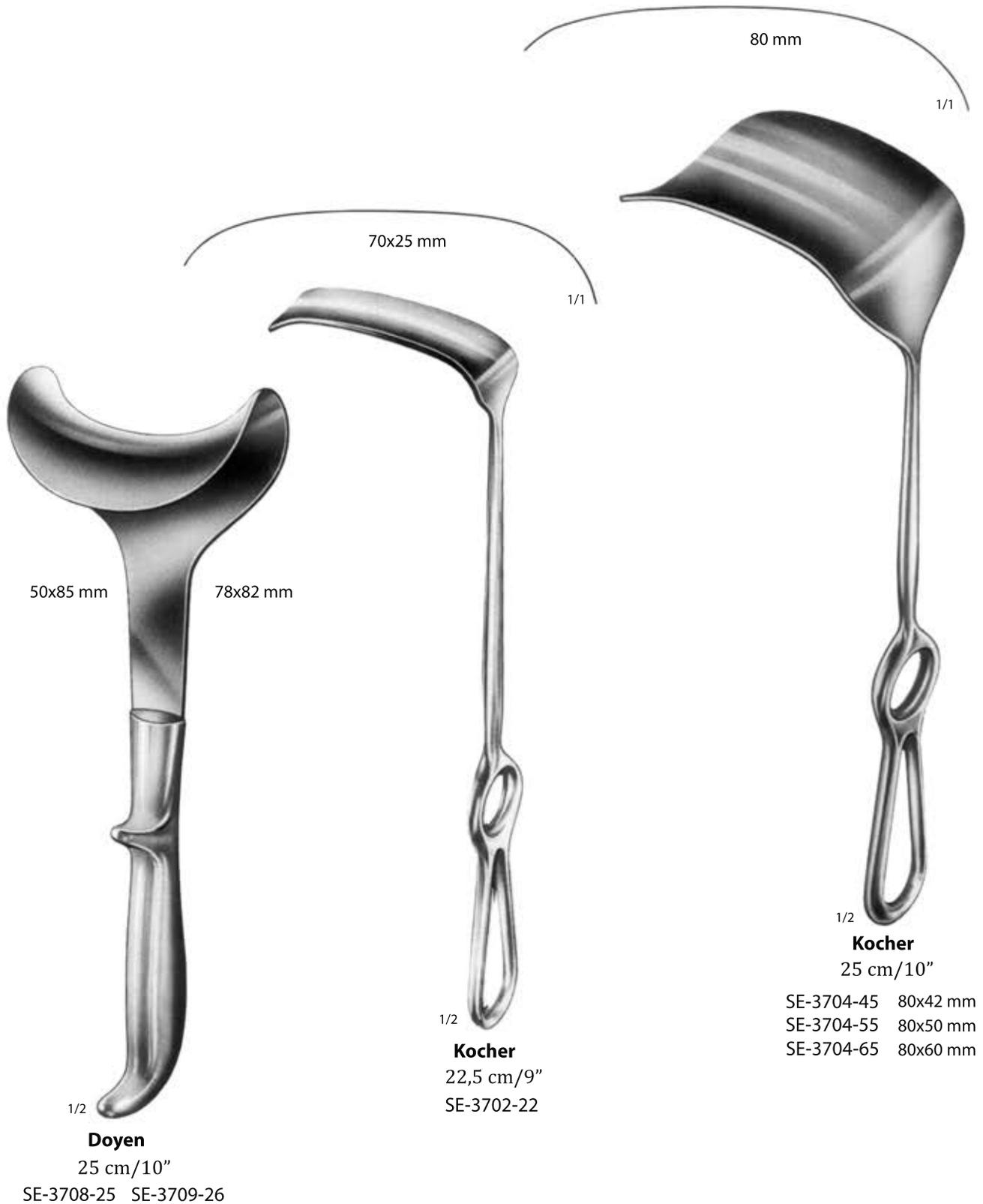
SE-4933-50
45x50 mm

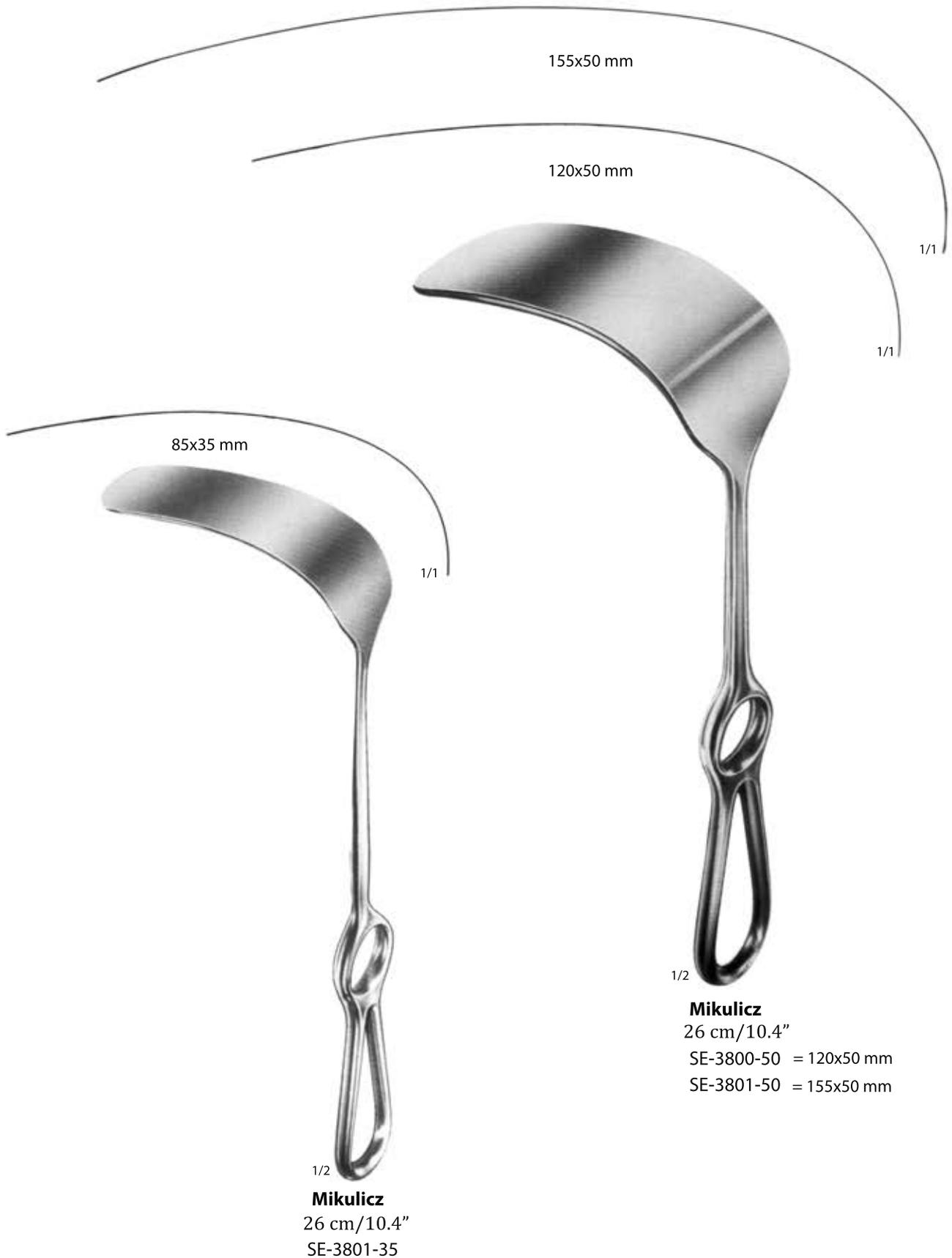
SE-4933-70
55x70 mm

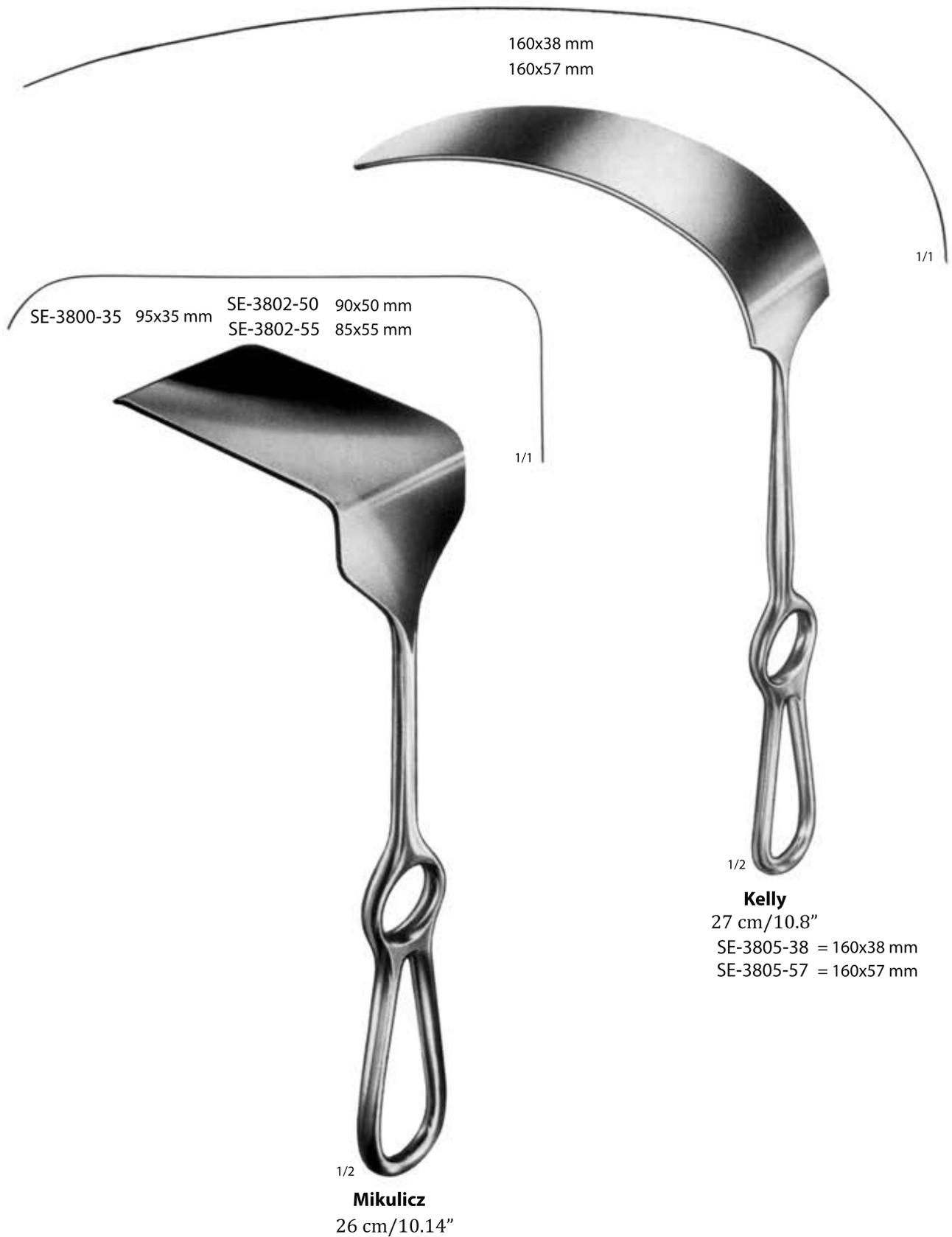


Fritsch 1/2
24 cm/9.6"

- SE-3700-40 Fig. 1 = 45x40 mm
- SE-3700-50 Fig. 2 = 45x50 mm
- SE-3700-60 Fig. 3 = 45x60 mm
- SE-3700-75 Fig. 4 = 45x75 mm
- SE-3700-85 Fig. 5 = 65x85 mm









1/2

Martin

26 cm/10.4"

SE-4798-26 = 105x27 mm



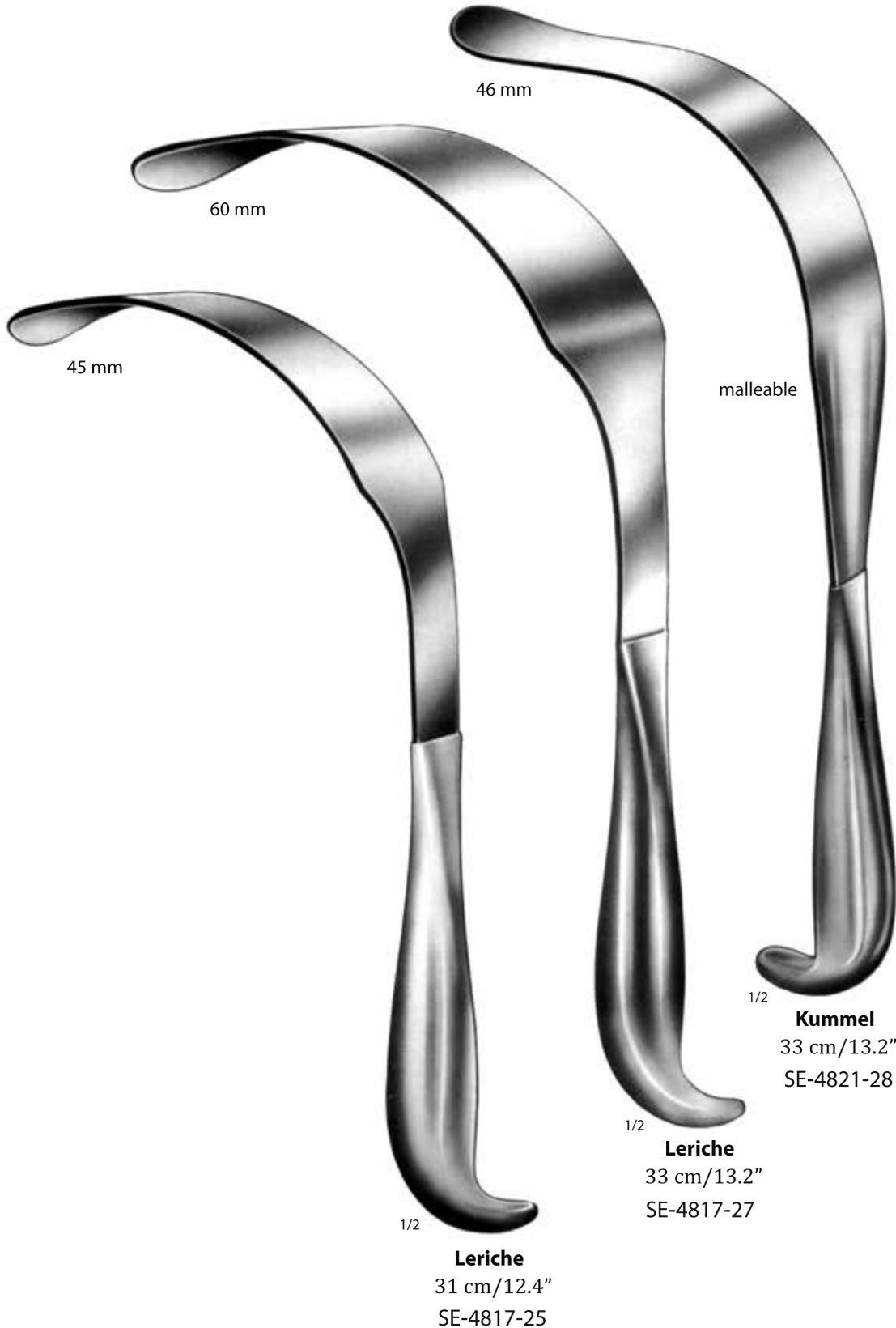
1/2

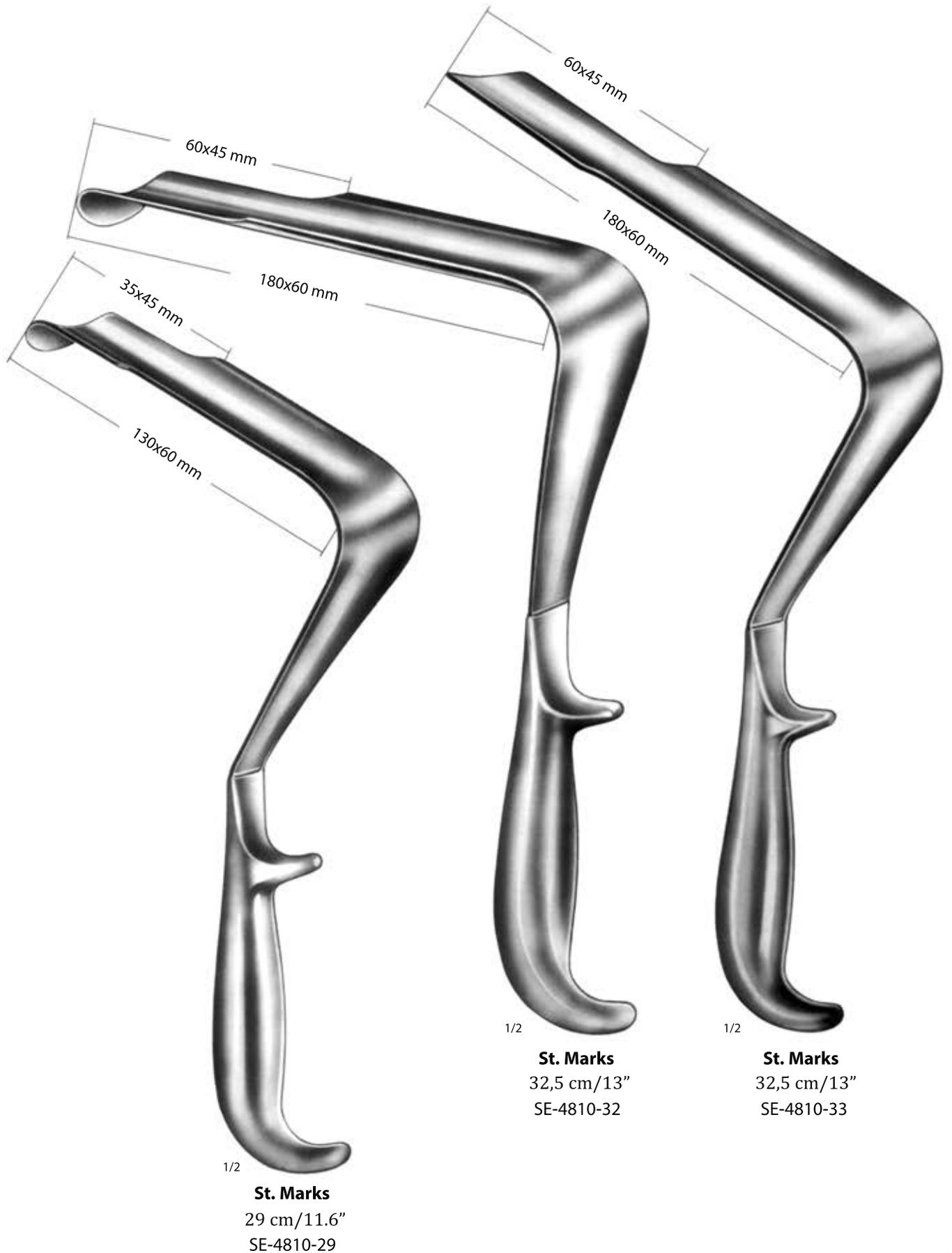
Simon

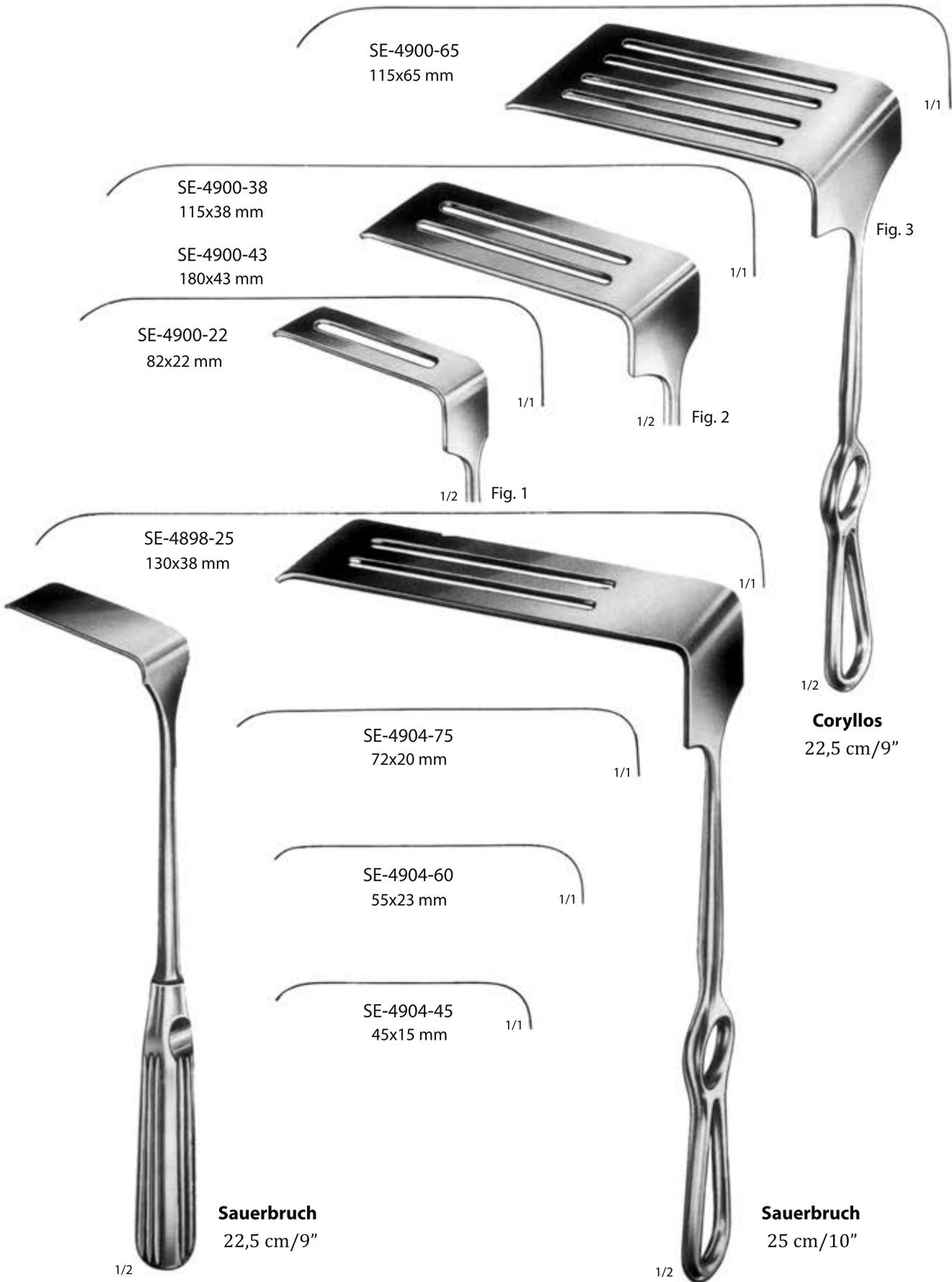
28 cm/11.2"

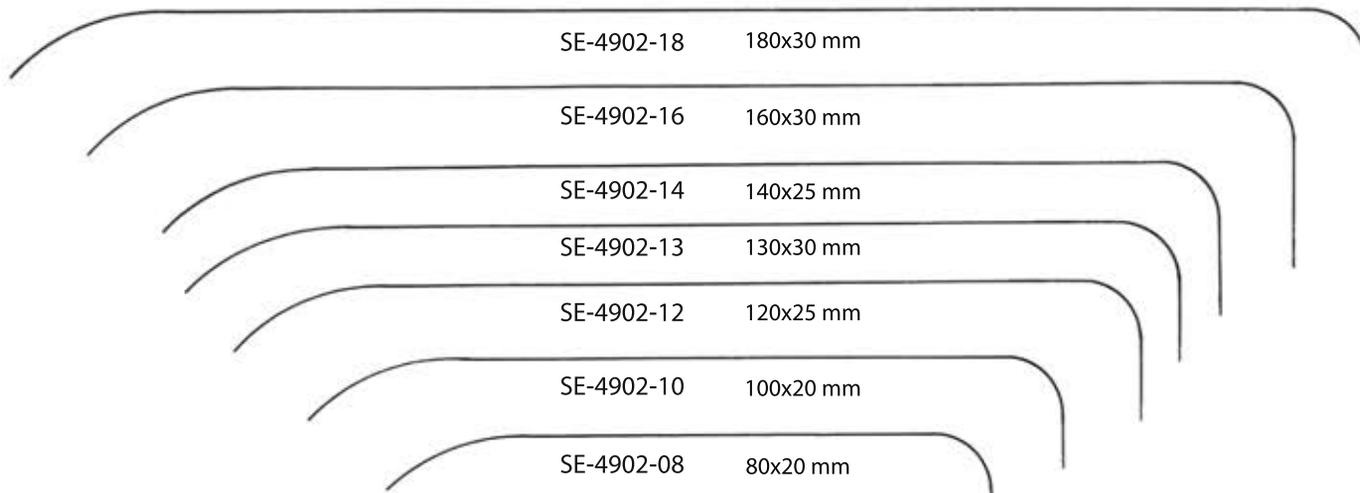
SE-4800-22 = 115x22 mm

SE-4800-27 = 115x27 mm









1/1



1/2

Brunner
25 cm/10"

SE-4903-18 180x30 mm

SE-4903-16 160x30 mm

SE-4903-14 140x30 mm

SE-4903-12 120x25 mm

SE-4903-10 100x25 mm

SE-4903-08 80x20 mm



1/1

1/2

Brunner
25 cm/10"

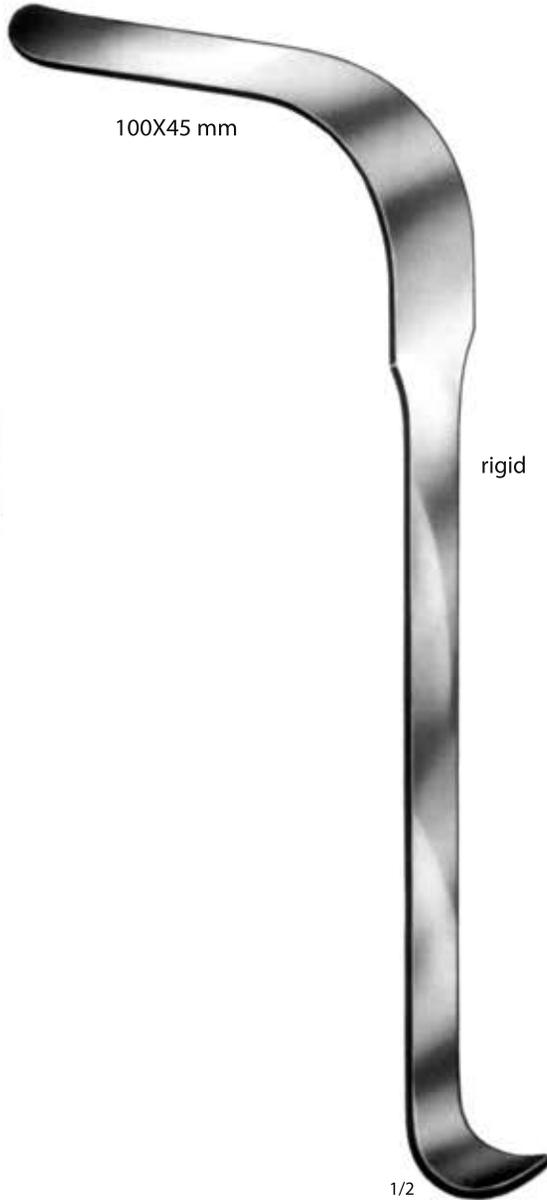


1/2

Kader

27 cm/10.8"

- SE-4823-20 = 20 mm
- SE-4823-30 = 30 mm
- SE-4823-40 = 40 mm



100X45 mm

rigid

1/2

Koerte

28 cm/11.2"

SE-4815-28



malleable

1/2

41 cm/16.4"

- SE-4930-30 245 X 30 mm
- SE-4930-40 245 X 40 mm
- SE-4930-50 245 X 50 mm
- SE-4930-60 245 X 60 mm
- SE-4930-70 245 X 70 mm



^{1/2}
Tuffier
23 cm/9.2"
SE-4925-23



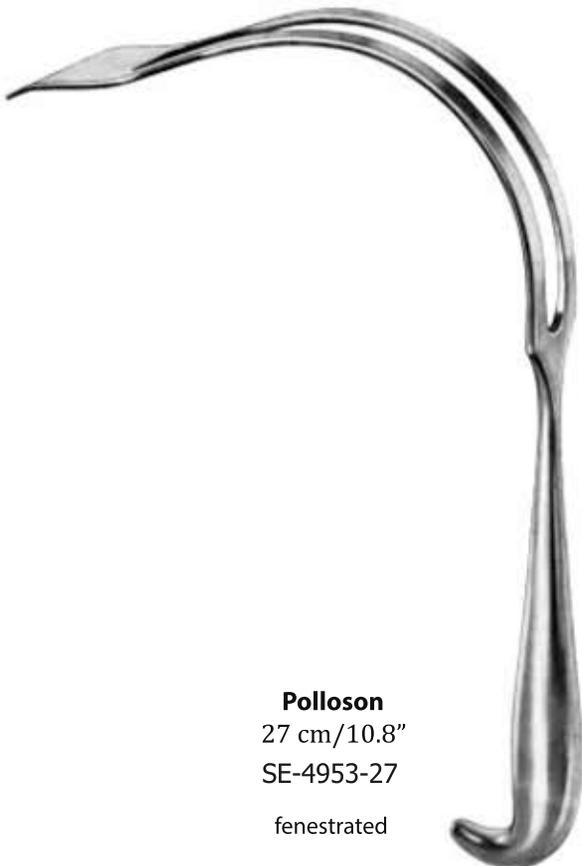
Durham
21.5 cm/8.6"
10X19 mm SE-4937-19
16X25 mm SE-4937-25
22X38 mm SE-4937-38



Canny-Ryall
cm mm
19 16x35 SE-4941-35
19 19x28 SE-4941-60
20 25x32 SE-4941-75



Polloson
27 cm/10.8"
SE-4951-25



Polloson
27 cm/10.8"
SE-4953-27
fenestrated



Buchs
20.5 cm/8.2"
SE-4961-20



Hemilaminectomy



Cloward-Hoen
25 cm/10"

Frame only : SE-7501-24
Complete with (2) pairs of blades
SE-7501-25



SE-7501-31 SE-7501-32
Blade pair



Hoen
27 cm/10.8"

Frame only : SE-7503-26
Complete with (4) blades SE-7503-27



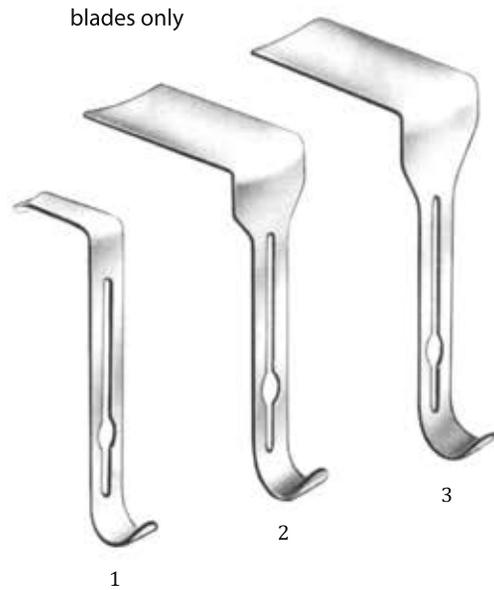
blade only
SE-7503-32
45X45 mm
SE-7503-30
45X35 mm
SE-7503-36
25X45 mm
SE-7503-34
25X35 mm

Vaginal Retractor

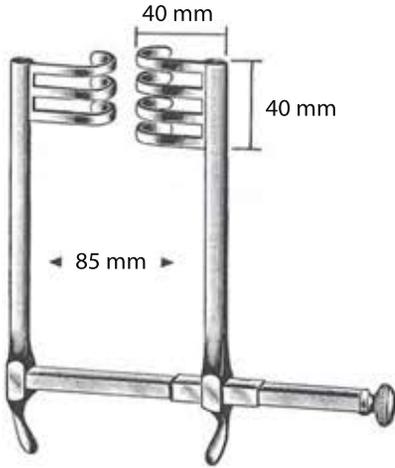


O'Sullivan-O'Connor
SE-7504-00
Complete with (3) blades
SE-7504-01
SE-7504-02
SE-7504-03

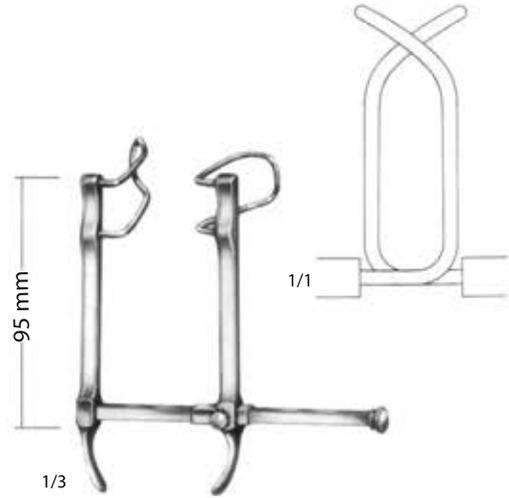
Frame only
SE-7504-10



blades only
1
2
3
Fig.1 = 110x70 SE-7504-01
Fig.1 = 85x39 SE-7504-02
Fig.1 = 85x45 SE-7504-03



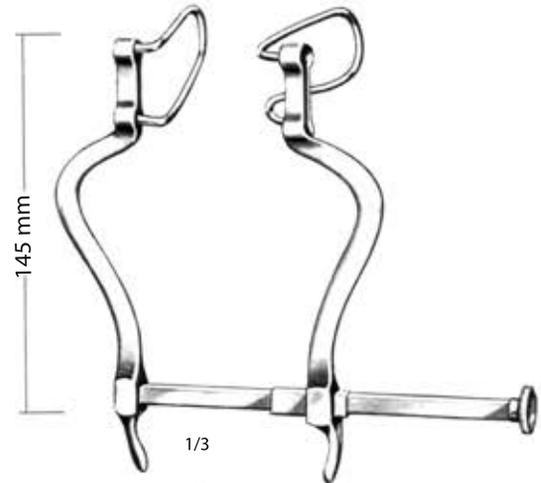
Frazier
SE-7508-85



Gosset
SE-7600-10

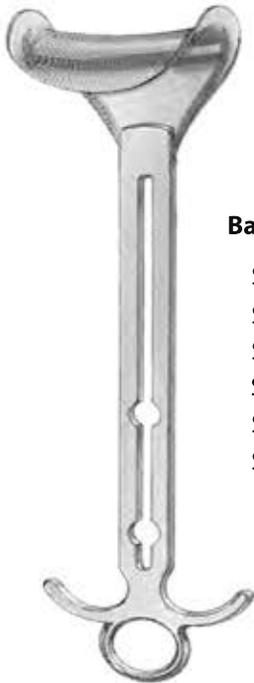


Gosset
SE-7602-16



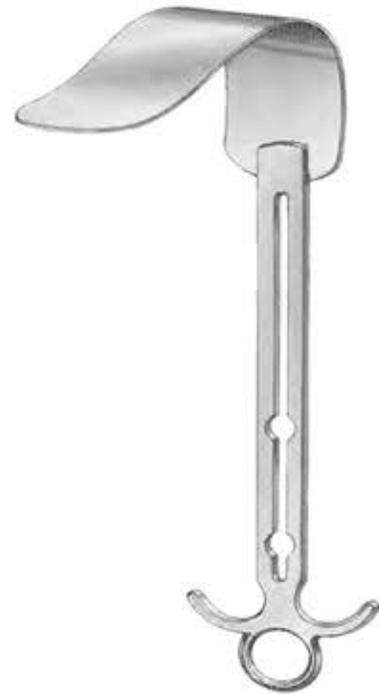
Gosset
SE-7600-14

complete	lateral blades			center blades			
Ref.	Ref.	A	B	A	B	C	
SE-7600-10	-	40 mm	30 mm	-	-	100 mm	
SE-7600-14	-	63 mm	35 mm	-	60 mm	160 mm	
SE-7602-16	-	63 mm	35 mm	-	57 mm	140 mm	
SE-7508-85	-	40 mm	40 mm	-	-	85 mm	



Balfour Center Blade Standard

SE-7605-40	40 x 68 mm
SE-7605-45	45 x 80mm
SE-7605-68	68 x 85 mm
SE-7605-70	70 x 85mm
SE-7605-80	80 x 90mm
SE-7605-90	100 x 70mm



Horgan

SE-7607-12
125 x 54 mm

Balfour us Blades

8 cm/3.2"
SE-7621-08

Balfour us Blades

6 cm/2.4"
SE-7621-06



Balfour us

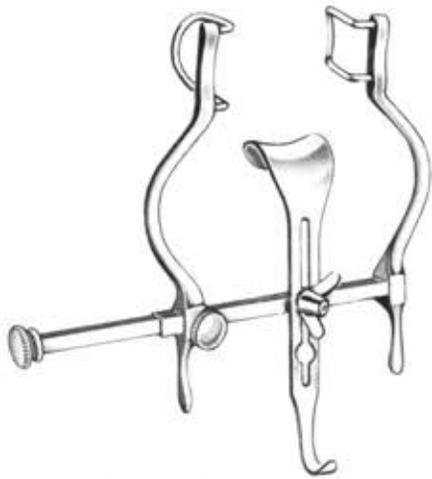
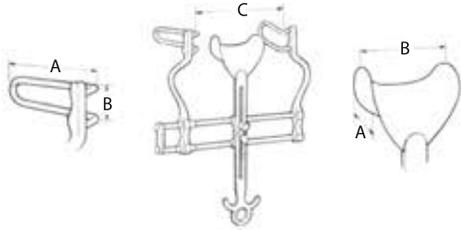
SE-7620-25 Complete



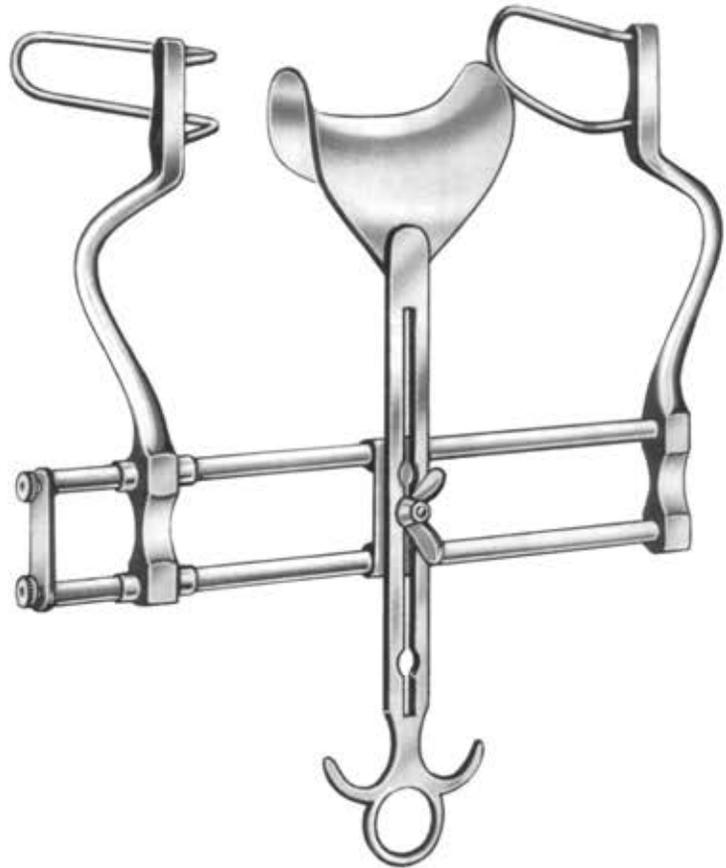
Balfour

Right Left
SE-7608-02 SE-7608-03

holder for fourth blade

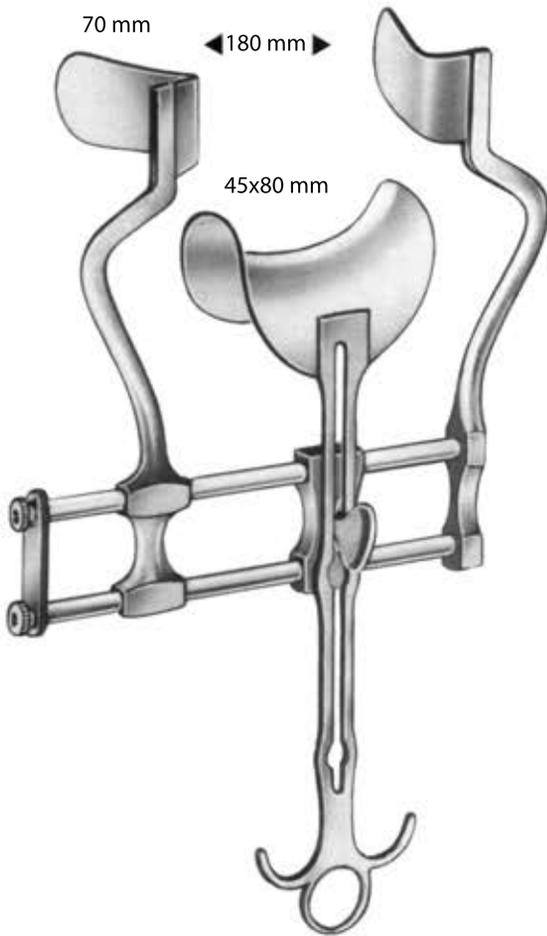
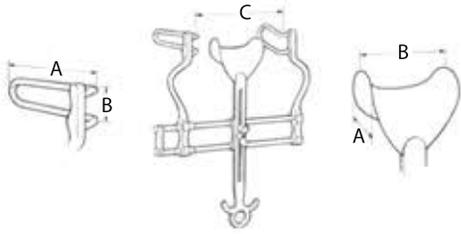


Balfour-Baby
SE-7610-90

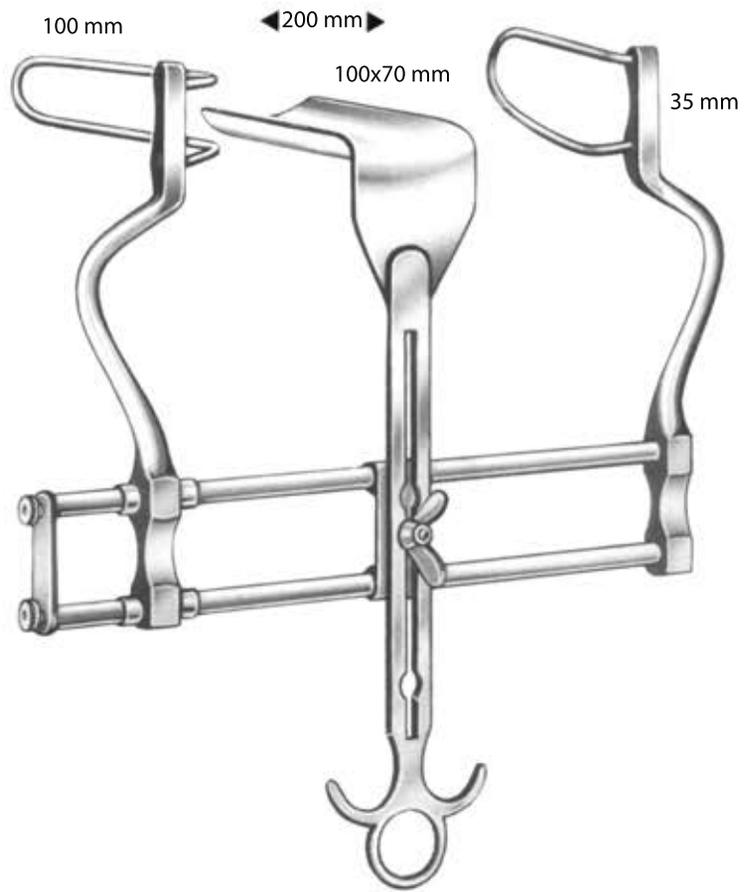


Balfour
SE-7604-18
SE-7604-25

complete	lateral blades			center blades			
Ref.	Ref.	A	B	A	B	C	
SE-7610-90	-	27 mm	25 mm	-	24 mm	20 mm	90 mm
SE-7604-18	-	70 mm	35mm	-	45 mm	80 mm	180 mm
SE-7604-25	-	100 mm	35mm	-	70 mm	85 mm	250 mm

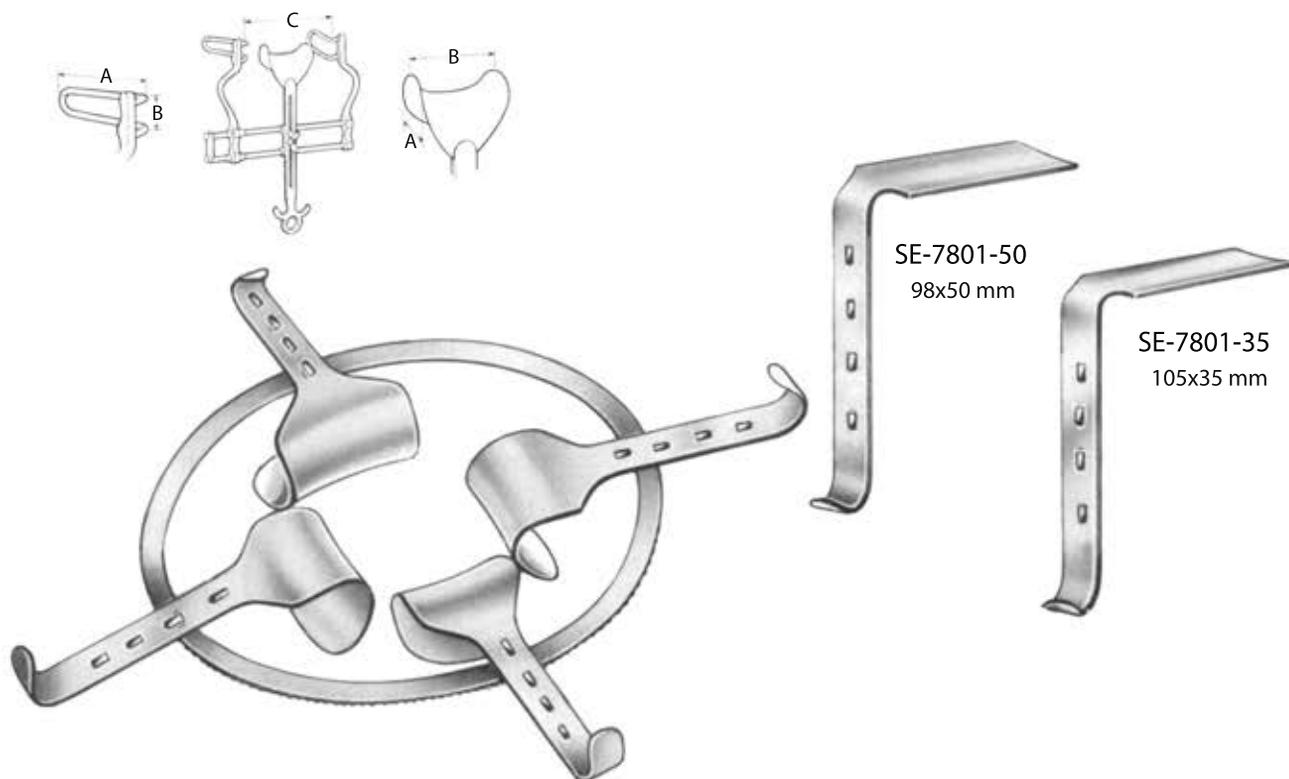


Balfour
SE-7610-18



Balfour
SE-7604-20

complete	lateral blades			center blades			
Ref.	Ref.	A	B	A	B	C	
SE-7610-18	-	100 mm	35 mm	-	100 mm	70 mm	200 mm
SE-7604-20	-	70 mm	35 mm	-	45 mm	80 mm	180 mm



Kirschner, oval

SE-7800-00

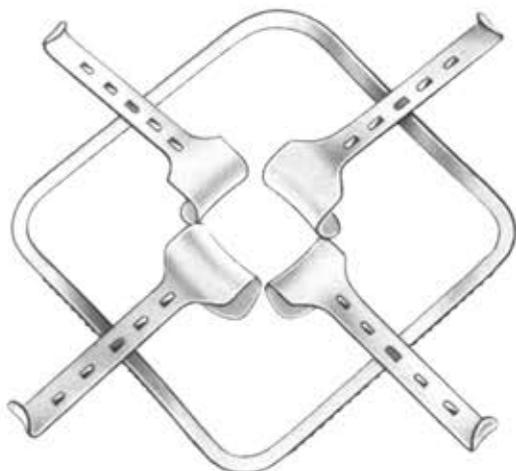
complete consisting of:

1 blade, 80x90 mm: SE-7801-90

1 blade, 98x50 mm: SE-7801-50

1 blade, 105x35 mm: SE-7801-35

Frame only
240x240 mm
SE-7802-99



Kirschner
SE-7802-00

complete consisting of:

rigid frame, SE-7802-99

2 blades, 50x65 mm: SE-7801-65

2 blades, 40x55 mm: SE-7801-55



SE-7801-55
40x55 mm



SE-7801-65
50x65 mm

X- Ray Translucent



SE-7704-45
65X45 mm



SE-7704-65
75X65 mm



255 mm

SE-7704-12

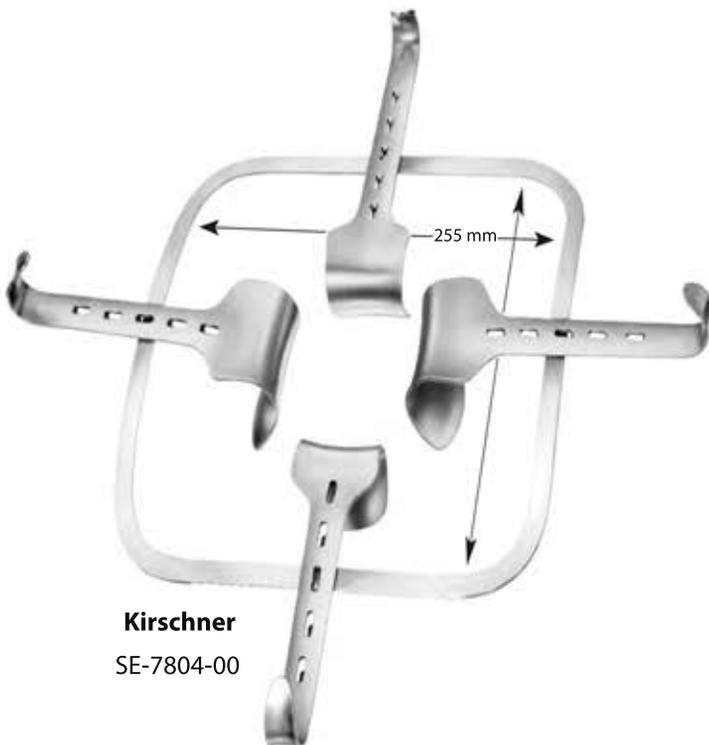


SE-7704-99
8 mm Ø
spare buttons

SE-7704-00

Set consisting of :

- 1 SE-7704-12
- 4 SE-7704-45



Kirschner
SE-7804-00



Holding Frame

SE-7804-01 250x250 mm



Dennis Browne

180x150 mm SE-7805-01

255x180 mm SE-7805-02

Dennis Browne Compl.

SE-7805-00

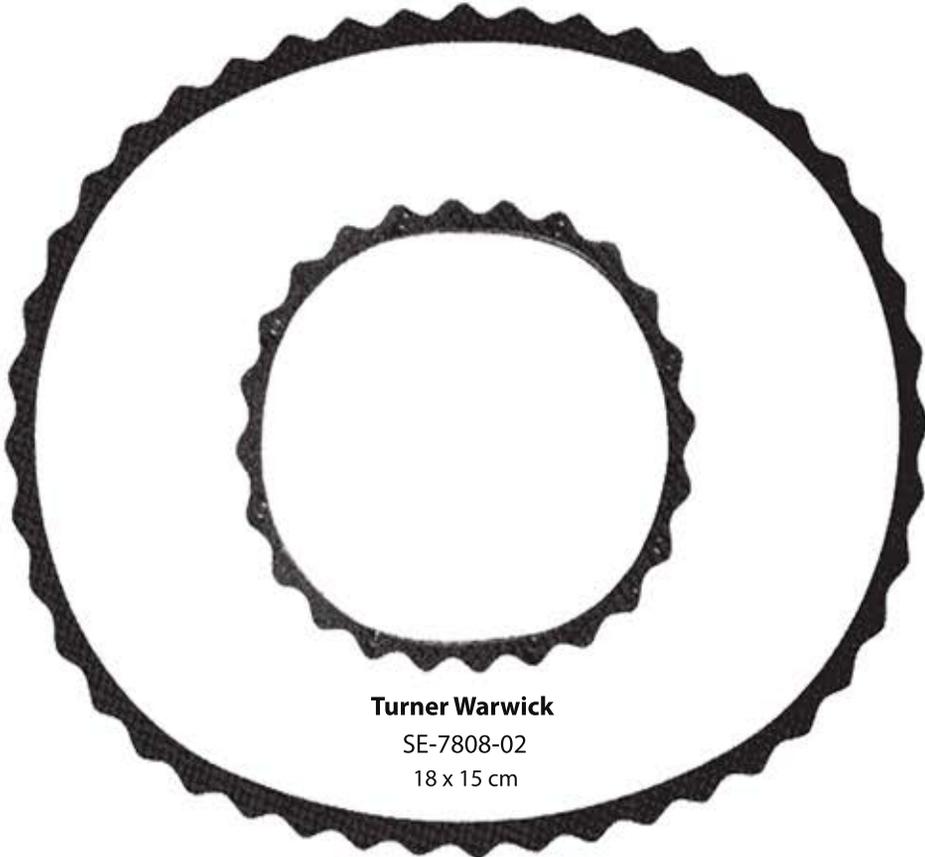
incl. 1x SE-7805-01, 2x SE-7805-30, 2x SE-7805-40

40 x 30 mm	SE-7805-30
20 x 30 mm	SE-7805-31
38 x 38 mm	SE-7805-38
40 x 40 mm	SE-7805-40
20 x 40 mm	SE-7805-41
64 x 190 mm	SE-7805-64



Williams

mm	Right	Left
10x50	SE-8801-50	SE-8803-50
10x70	SE-8801-70	SE-8803-70
20x50	SE-8802-50	SE-8804-50
20x70	SE-8802-70	SE-8804-70



Turner Warwick

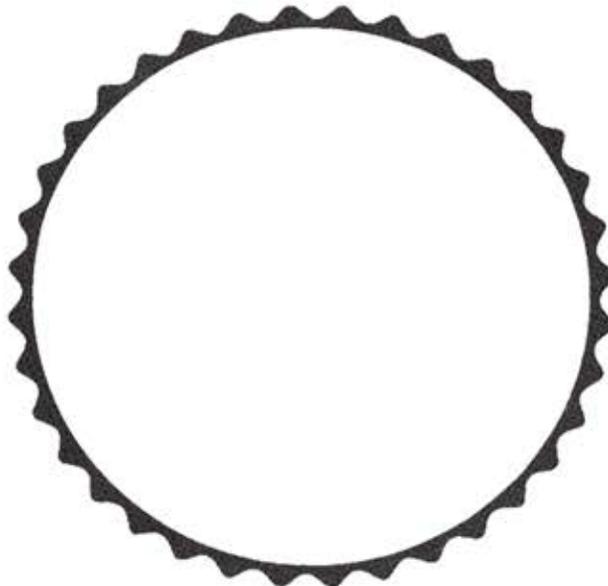
SE-7808-02

18 x 15 cm

Turner Warwick

SE-7808-01

30 x 40 cm



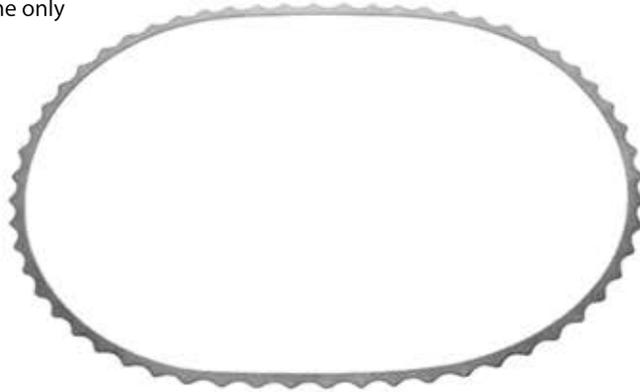
Turner Warwick

30 cm/12" SE-7808-03

10 cm/4" SE-7808-04

25 cm/10" SE-7808-05

Frame only



Turner Warwick
SE-7812-45
457X330 mm



Turner Warwick
180 mm SE-7812-18
230 mm SE-7812-23
305 mm SE-7812-30

Turner Blades



SE-7813-01
76X19 mm

102X38 mm
89X57 mm

Turner Warwick
SE-7813-02
SE-7813-03

SE-7813-04
114X57 mm

SE-7815-01
51X38 mm



Turner Warwick
20x60 mm SE-7808-10

Turner Warwick
55x105 mm SE-7808-11

Turner Warwick
30x30 mm SE-7808-12

Turner Warwick
40x47 mm SE-7808-13

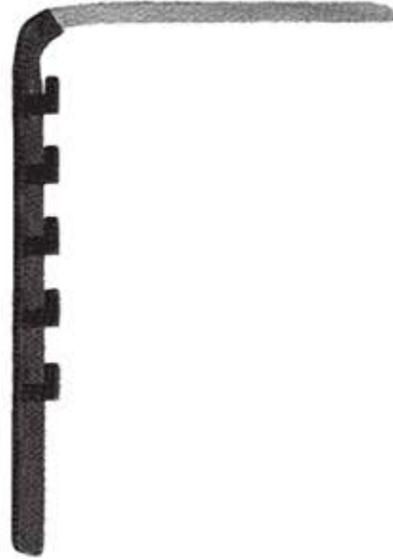


Turner Warwick
60x75 mm SE-7808-14

Turner Warwick
7x12 mm SE-7808-15



Turner Warwick
7x9 mm SE-7808-16



Turner Warwick
20x90 mm SE-7808-22



Turner Warwick
13x13mm SE-7808-33



Turner Warwick
13x13 mm SE-7808-34



Turner Warwick
13x13 mm SE-7808-35



Turner Warwick
64x19 mm SE-7808-36

Blades only



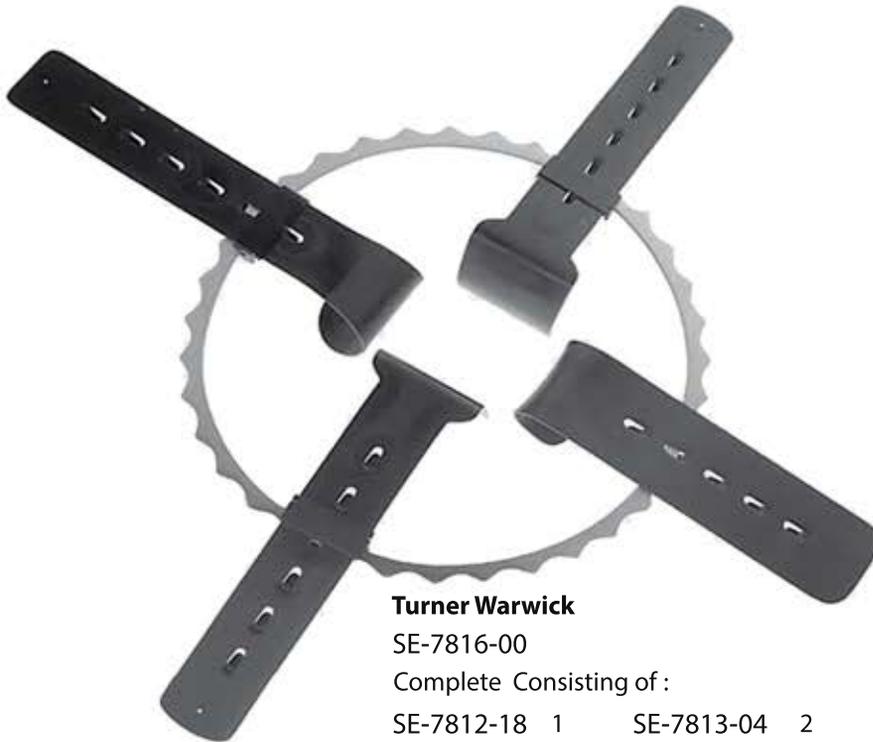
Turner Warwick
SE-7815-02
76X60 mm



Turner Warwick
89X60 mm SE-7815-03
114X60 mm SE-7815-04



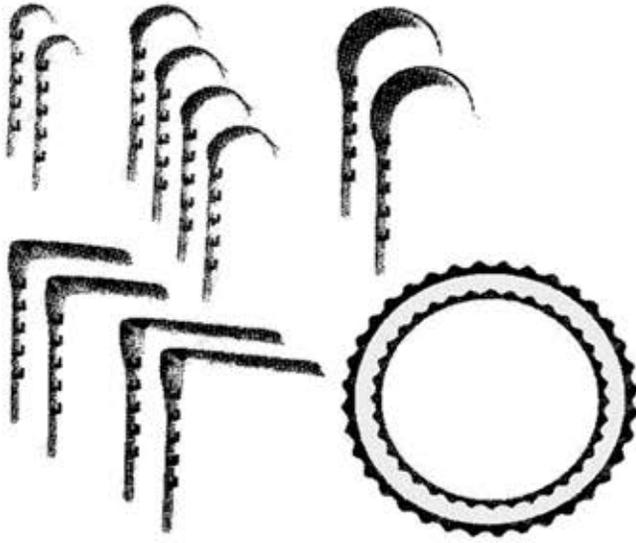
Turner Warwick
SE-7815-05
13 mm



Turner Warwick
SE-7816-00

Complete Consisting of :

SE-7812-18	1	SE-7813-04	2
SE-7812-23	1	SE-7815-01	2
SE-7812-30	1	SE-7815-02	2
SE-7813-01	2	SE-7815-03	2
SE-7813-02	2	SE-7815-04	2
SE-7813-03	2	SE-7815-05	2

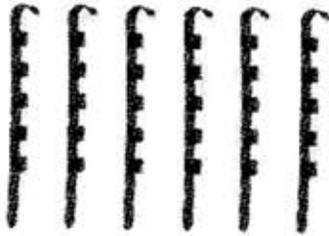


SE-7808-90 Complete

Turner Warwick Retractor Sets

for adult urology operations, consisting of :

SE-7808-03	1
SE-7808-05	1
SE-7808-12	2
SE-7808-13	4
SE-7808-14	2
SE-7808-15	2
SE-7808-16	2



SE-7808-91 Complete

for child urology operations, consisting of :

SE-7808-02	1
SE-7808-33	6
SE-7808-12	2
SE-7808-10	1



SE-7808-99 Complete

for urethroplastick, consisting of :

SE-7808-02	1
SE-7808-33	4



Gelpi

9 cm/3.6" SE-8002-09
11 cm/4.4" SE-8002-11
14 cm/5.6" SE-8002-14



1/2

Gelpi

19 cm/7.6"
SE-8002-18



1/2

Gelpi

19 cm/7.6"
SE-8004-18



SE-8002-16
16 cm/6.4"



Hustink
23 cm/9.2"
SE-8001-23



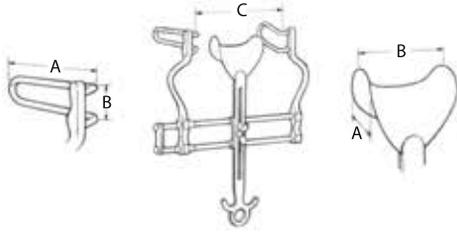
ST. Marks
22 cm/8.8"
SE-8005-22



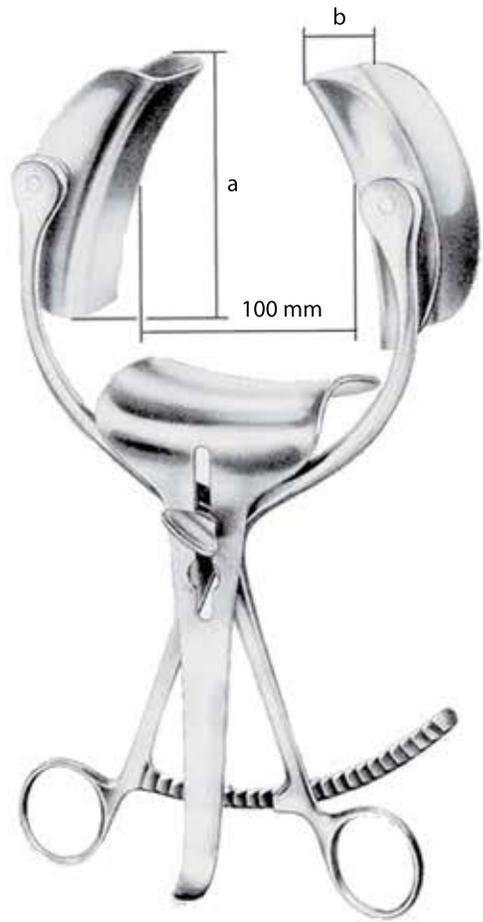
Rigby
35x20 mm SE-8006-35
60x20 mm SE-8006-60



Debakey Femur
10 cm/4" SE-8007-10 child size
14 cm/5.6" SE-8007-14 adult size

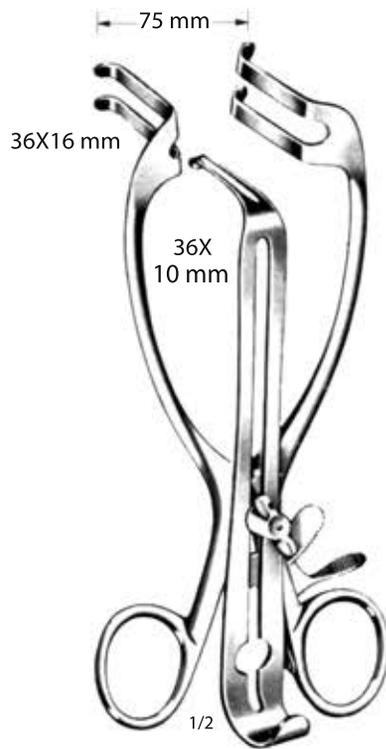


Collin
SE-8100-22

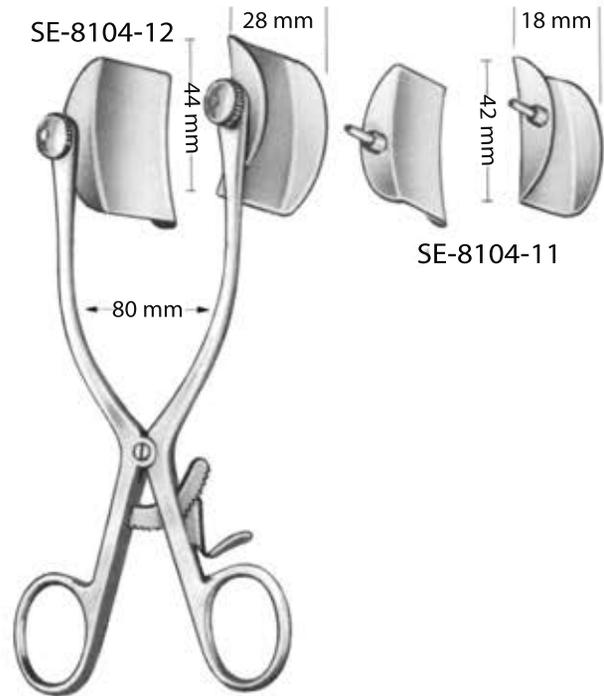


Collin
SE-8102-60
SE-8102-80

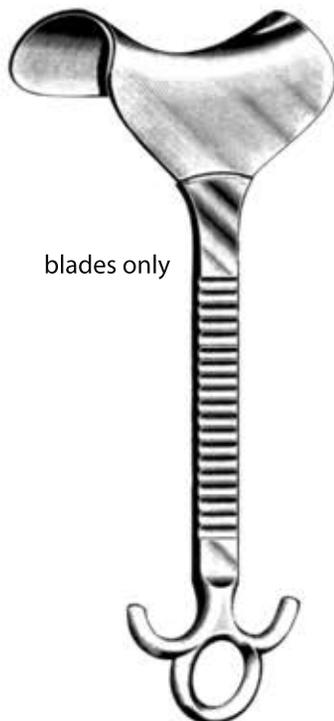
complete	lateral blades		center blades		
Ref.	A	B	A	B	C
SE-8100-22	32 mm/1 1/4"	62 mm/2 7/16"	-	-	100 mm/4"
SE-8102-60	32 mm/1 1/4"	62 mm/2 7/16"	55 mm/2 1/8"	55 mm/2 1/8"	100 mm/4"
SE-8102-80	38 mm/1 1/2"	80 mm/3 1/8"	55 mm/2 1/8"	65 mm/2 9/16"	100 mm/4"



Mayo-Adams
(Appendectomie)
17 cm/6.8"
SE-6702-17



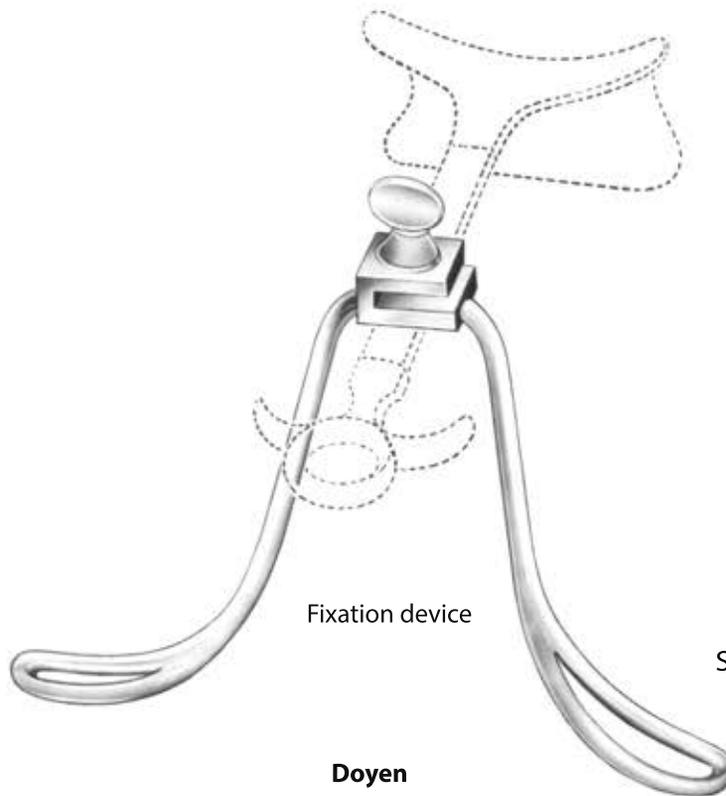
Baby-Collin
SE-8104-18



blades only

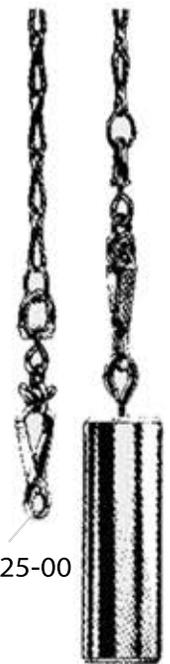
Doyen

- Fig.1 = 95 mm SE-8220-95
- Fig.2 = 105 mm SE-8221-05
- Fig.3 = 115 mm SE-8221-12
- Fig.4 = 125 mm SE-8221-25



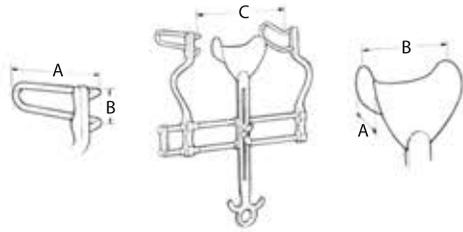
Fixation device

Doyen
SE-8222-00



SE-8225-00

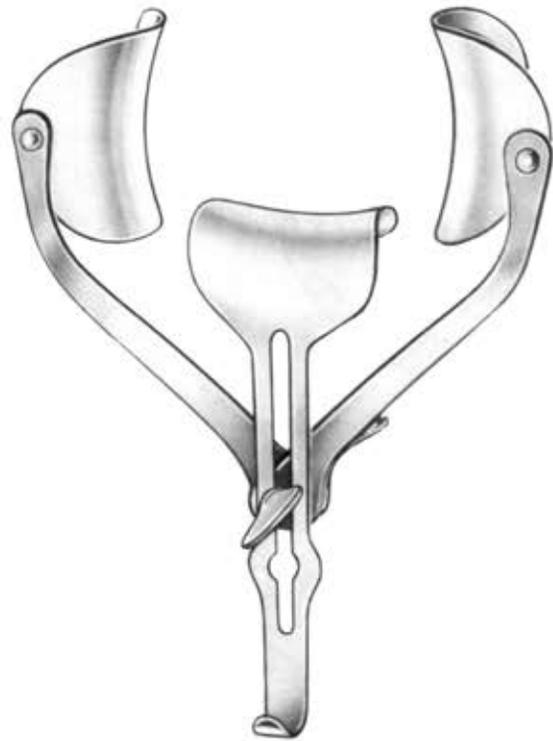
645 g
SE-8224-04



Collin-Locktite

SE-8106-00

SE-8106-02

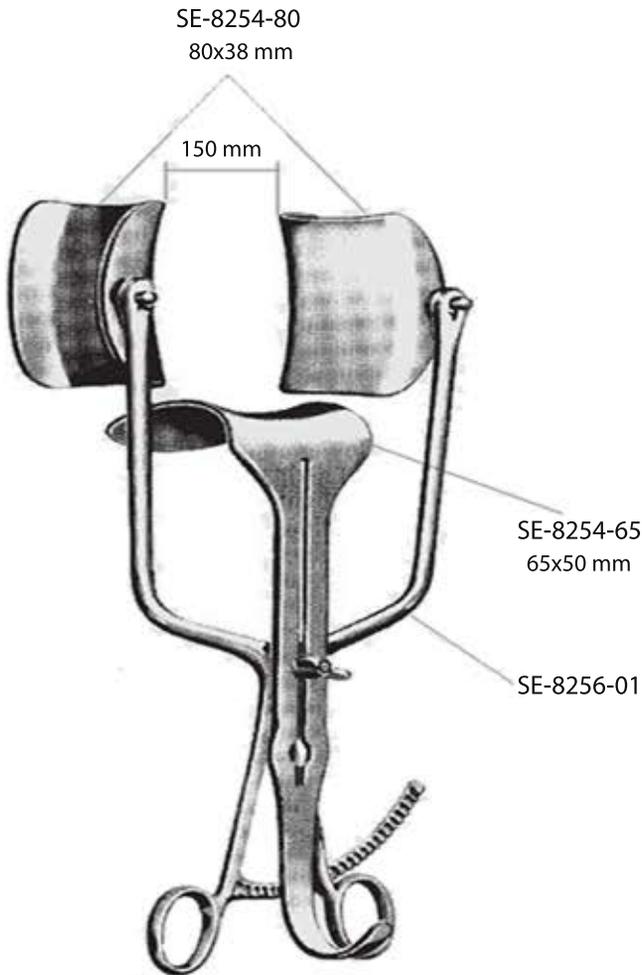


Ricard

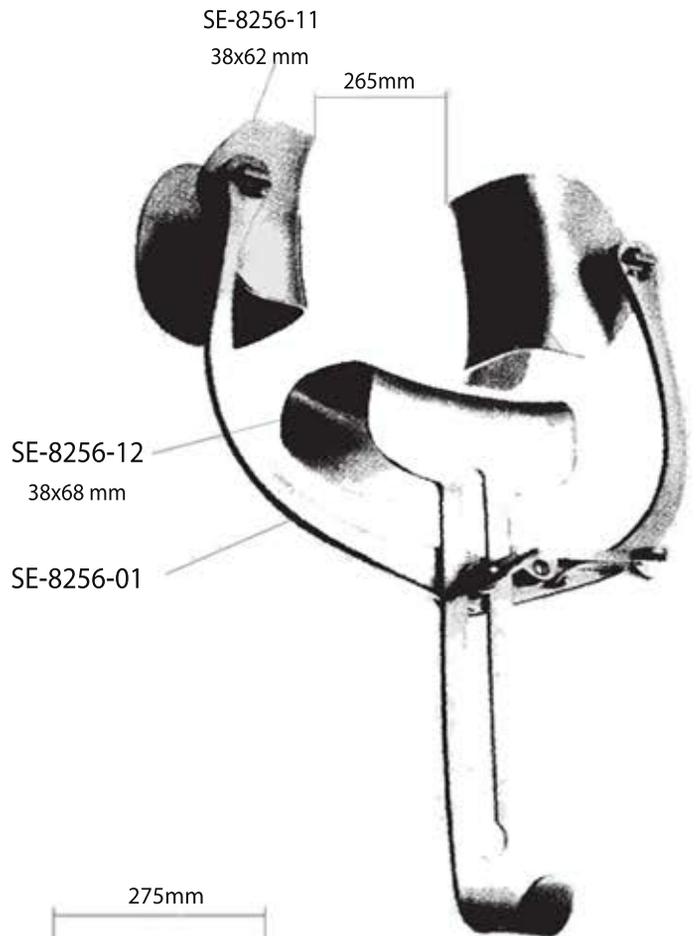
SE-8202-28

SE-8202-30

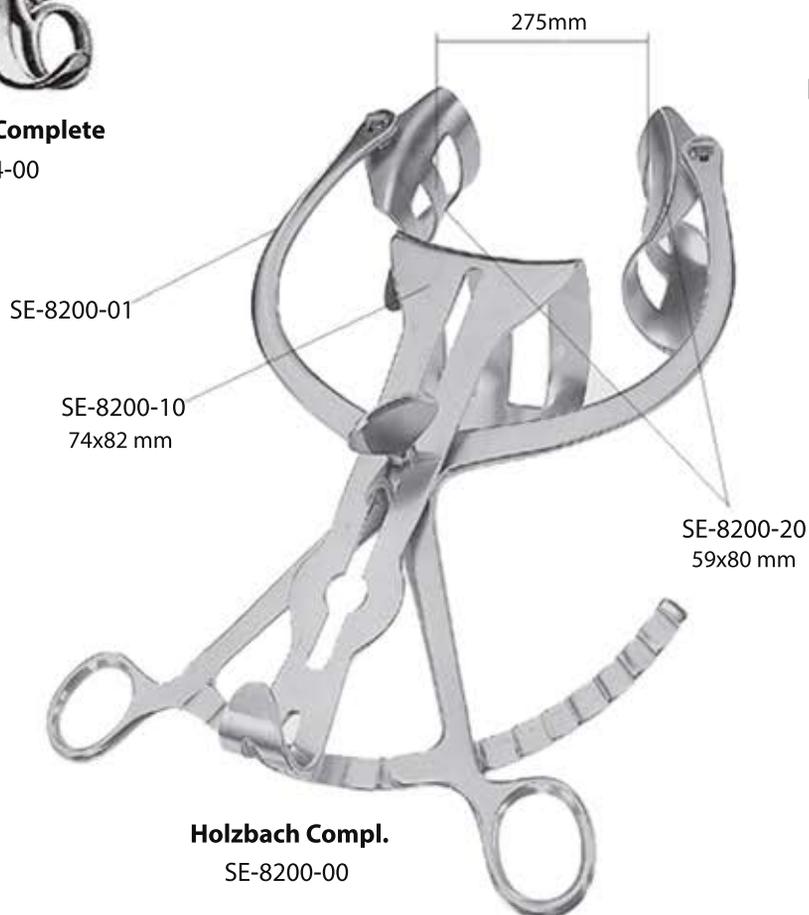
complete	lateral blades			center blades			
Ref.	Ref.	A	B	Ref.	A	B	C
SE-8106-00	SE-8106-10	50 mm/2"	58 mm/2 1/4"				
SE-8106-02	SE-8106-11	62 mm/2 1/2"	80 mm/3 1/8"	SE-8106-12	62 mm/2 1/2"	70 mm/2 3/4"	165 mm/6 1/2"
SE-8202-28	SE-8202-63	72 mm/2 7/8"	85 mm/3 3/8"	SE-8202-52	80 mm/3 1/8"	90 mm/3 1/2"	280 mm/11"
SE-8202-30	SE-8202-62	60 mm/2 3/8"	80 mm/3 1/8"	SE-8202-51	55 mm/2 1/8"	70 mm/2 3/4"	305 mm/12"



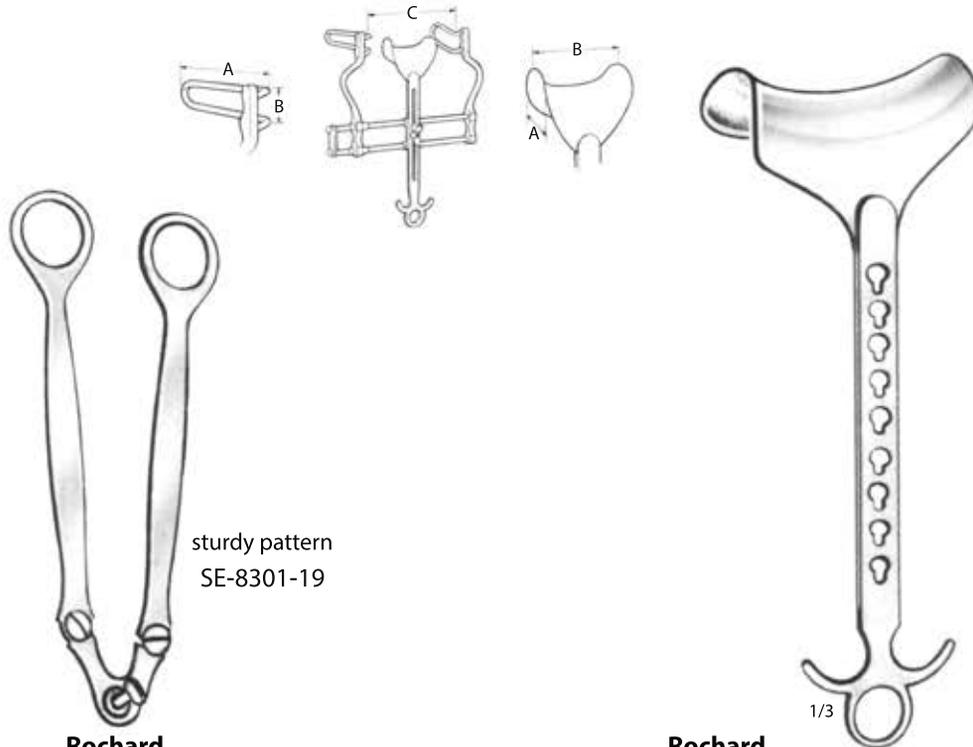
Oettingen Complete
SE-8254-00



Ropin Masse
SE-8256-00



Holzbach Compl.
SE-8200-00



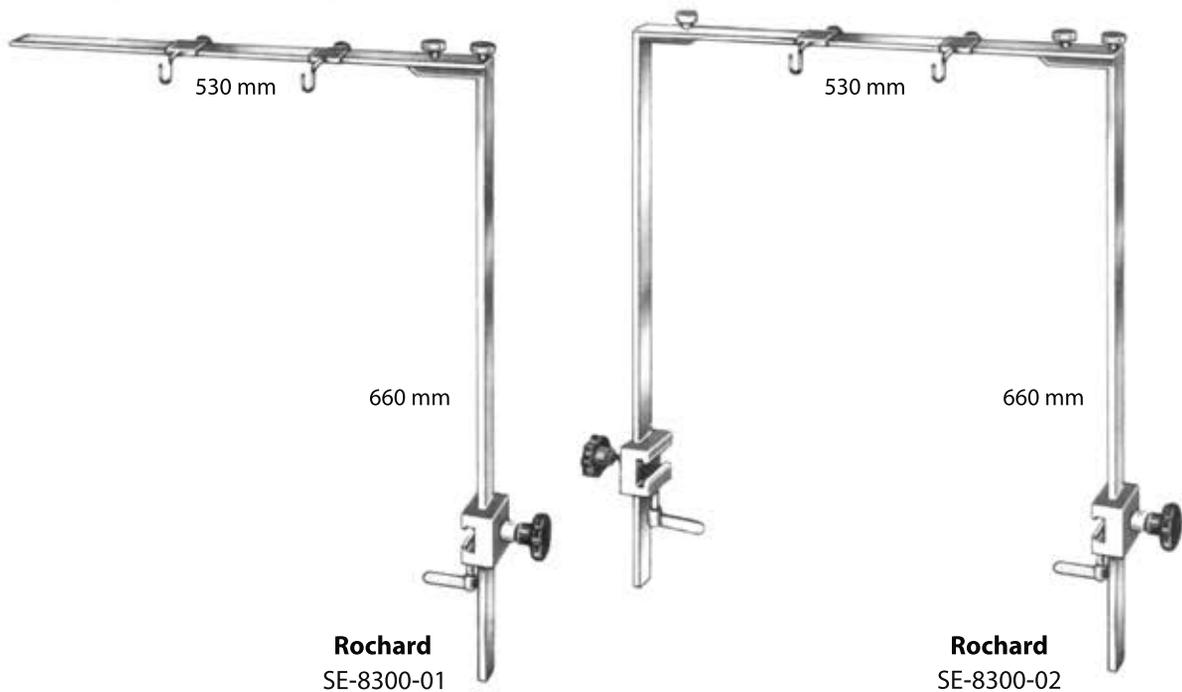
sturdy pattern
SE-8301-19

Rochard
19 cm/7.6"
Fixation device

Rochard
27 cm/10.8"

- SE-8305-09 50x95 mm, 2"x3 3/4"
- SE-8305-10 50x105 mm, 2"x4 1/8"
- SE-8306-12 60x120 mm, 2 3/8"x4 3/4"
- SE-8306-13 60x135 mm, 2 3/8"x5 1/4"
- SE-8306-15 60x155 mm, 2 3/8"x6 1/8"

Mounting Frames for Operating Tables



Rochard
SE-8300-01

Rochard
SE-8300-02

Spring Retractors



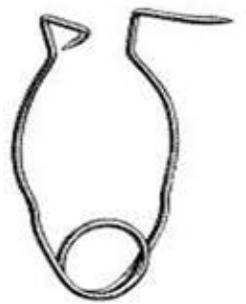
7.5 cm/3" SE-6002-07
11.5 cm/4.6" SE-6002-11



8.5 cm/3.4" SE-6003-08
11.5 cm/4.6" SE-6003-11



Farr
14 X 19 mm SE-6006-01
14 X 32 mm SE-6006-02
23 X 33 mm SE-6006-03



Farr
38 mm SE-6008-38
50 mm SE-6008-50
57 mm SE-6008-57
64 mm SE-6008-64
75 mm SE-6008-75

Endodural Retractors



Allport
9.5 cm/3.8"
SE-6204-10



Jansen-Gifford
10 cm/4"



Jansen-Wagner
11 cm/4.4"
SE-6302-11



Jansen
10.5 cm/4.2"

SE-6306-10
sharp
SE-6307-10
blunt



sharp SE-6310-10
blunt SE-6311-10
10.5 cm/4.2"



Mollison
13 cm/5.2"
SE-6518-13



Schuknecht
13 cm/5.2"
SE-6600-14



Finsen



SE-6100-05
5 cm/2"
sharp



SE-6101-05
5 cm/2"
blunt

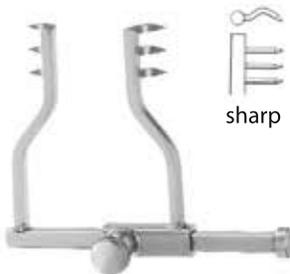


SE-6100-07
7 cm/2.8"
sharp



SE-6101-07
7 cm/2.8"
blunt

with adjusting screw



Logan
4 cm/1.6"
SE-6102-04



sharp

with adjusting screw



Finsen
7 cm/2.8"



SE-6103-07
3 : 4
sharp



SE-6104-07
3 : 4
blunt



Alm



SE-6200-07
7 cm/2.8"
sharp



SE-6200-10
10 cm/4"
sharp



SE-6201-07
7 cm/2.8"
blunt



SE-6201-10
10 cm/4"
blunt



Kaupp
(Holzheimer-Heiss)
10 cm/4"



SE-6304-10
sharp



SE-6305-10
blunt

3 x 3 teeth sharp



2/3

Jansen
10.5 cm/4.2"
SE-6300-10

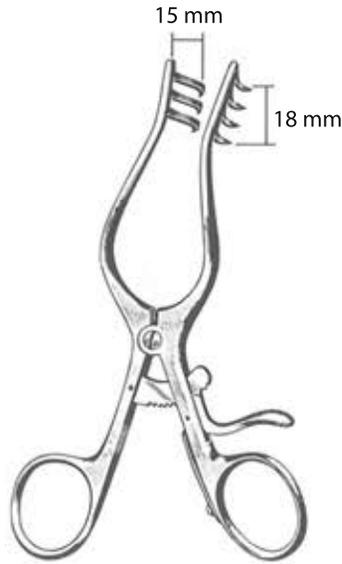
3 x 3 teeth blunt



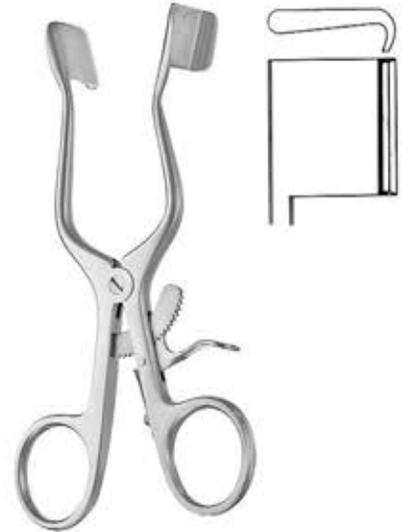
2/3

Jansen
10.5 cm/4.2"
SE-6301-10

← 50 mm →



Weitlaner-Wullstein
13 cm/5.2"
sharp SE-6504-13
blunt SE-6505-13



Weitlaner
13.5 cm/5.4"
SE-6607-13

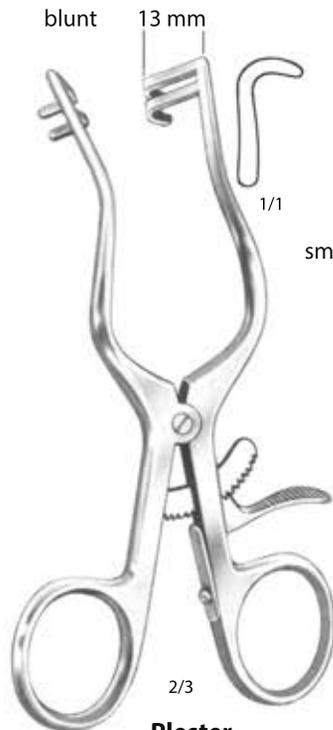


13 mm

1/1

2/3

Plester
13 cm/5.2"
SE-6510-13



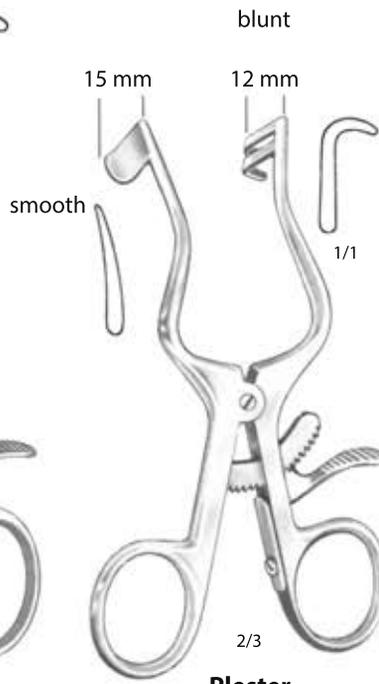
blunt

13 mm

1/1

2/3

Plester
13 cm/5.2"
SE-6511-13



15 mm

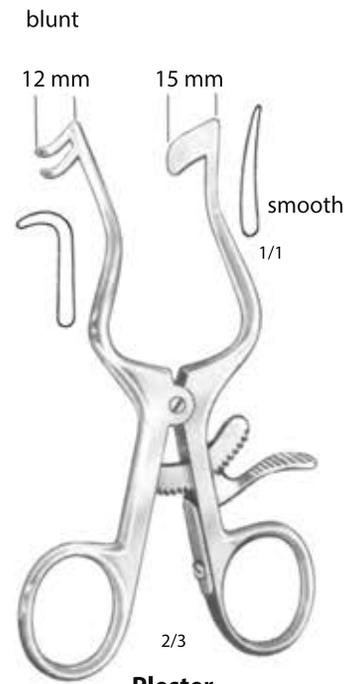
blunt

12 mm

1/1

2/3

Plester
11 cm/4.4"
SE-6507-11



blunt

12 mm

15 mm

smooth

1/1

2/3

Plester
11 cm/4.4"
SE-6509-11

Goitre Retractors



Jackson
19 cm/7.6"
SE-6324-19



Kocher
16 cm/6.4"
SE-6400-16



Crotti
18 cm/7.2"
SE-6402-18



Weitlaner



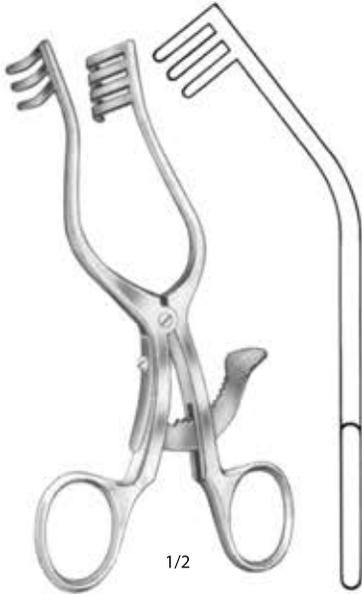
Weitlaner



Weitlaner

cm	inch	sharp	blunt	sharp	blunt	sharp	blunt
10.5	4.2	SE-6500-10	SE-6501-10				
13	5.2			SE-6700-13	SE-6701-13		
14	5.6			SE-6700-14	SE-6701-14		
16.5	6.6					SE-6700-16	SE-6701-16
20	8					SE-6700-20	SE-6701-20

3 x 4 teeth, blunt



Contour
14 cm/5.6"
SE-6703-14



Tuebingen
16.5 cm/6.6"
SE-6705-16



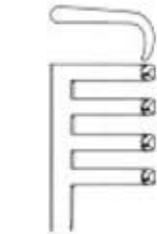
Wane
25.5 cm/10.2"
SE-6709-25



Henley
16.5 cm/6.6"
with center blades



SE-6712-16
sharp



SE-6713-16
blunt



SE-6714-19 SE-6714-25 SE-6714-32
16 x 19 mm 16 x 25 mm 16 x 30 mm

center blade only



Jackson-Burrows
18.5 cm/7.5"
SE-6717-18



Adson
19 cm/7.6"
SE-6800-19



Adson
19 cm/7.6"
SE-6801-19



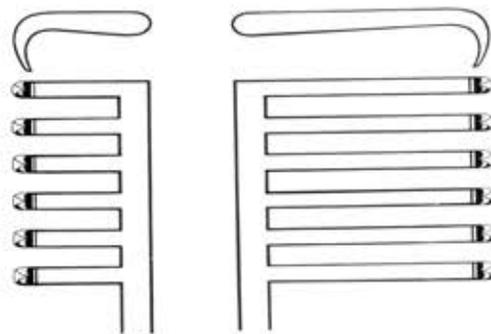
SE-6803-11N
SE-6803-13N



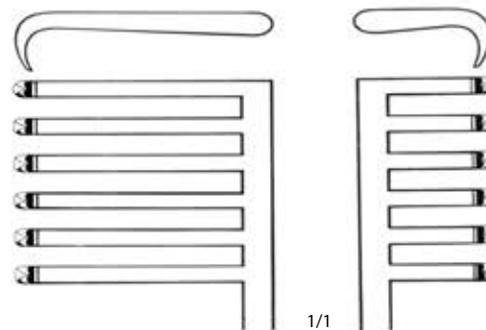
Wullstein
11.5 cm/4.6"
13 cm/5.2"
SE-6804-11N
SE-6804-13N



Adson
27 cm/10.8"



SE-6808-27



SE-6809-27



Adson

26 cm/10.4"

SE-6802-26 SE-6803-26 3x4

27 cm/10.8"

SE-6802-27 SE-6803-27 5x6

Sharp

Blunt



Adson

27 cm/10.8"

Sharp SE-6806-27

Blunt SE-6807-27



Anderson Adson

20 cm/8"

Sharp SE-6708-20

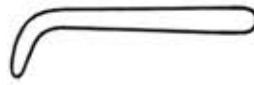
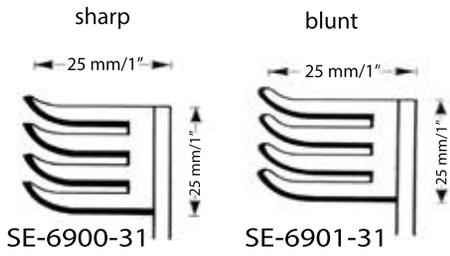
Blunt SE-6709-20



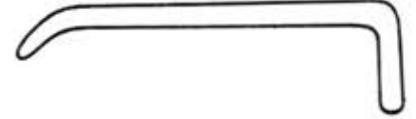
Miskimon

22cm/8.8"

SE-6706-22



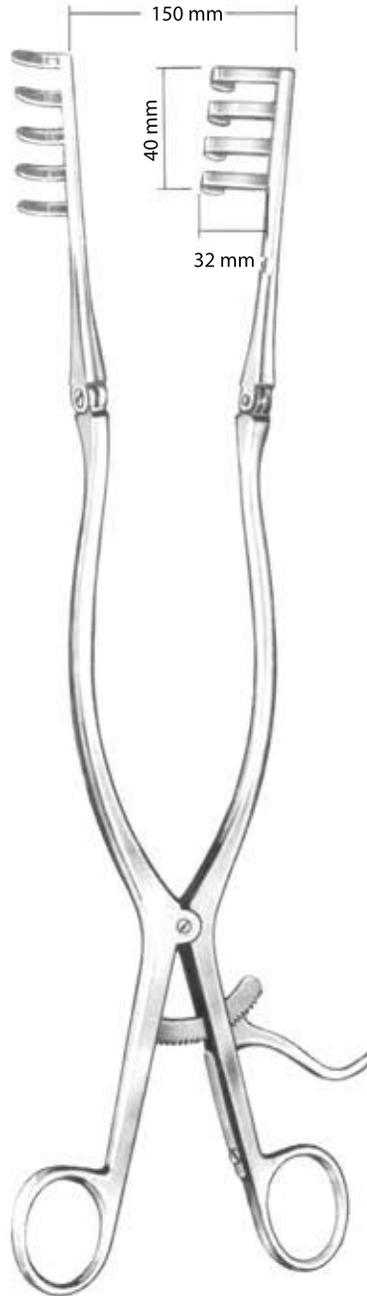
4 x 5 teeth, blunt



7 x 7 teeth, sharp



Beckman-Adson
30,5 cm/12.2"



Adson
33 cm/13.2"
SE-6805-32

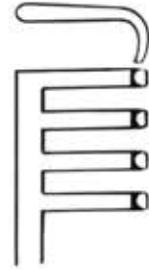
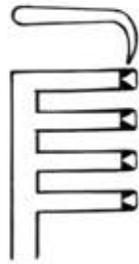


Beckman-Eaton
32 cm/12.8"
SE-6902-32

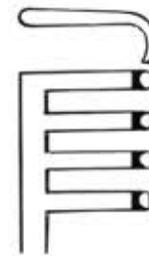
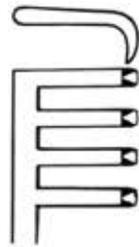
sharp

3 x 4 teeth

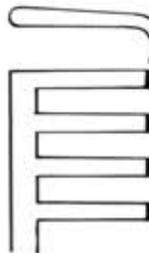
blunt



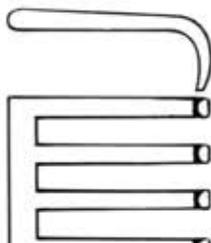
SE-6904-13 **Adson-Baby (Cone)** SE-6905-13
(Beckmann-Weitlaner)
13 cm/5.2"



SE-6904-16 **Adson-Baby (Cone)** SE-6905-16
(Beckmann-Weitlaner)
16 cm/6.4"



SE-6904-20 **Adson-Baby (Cone)** SE-6905-20
(Beckmann-Weitlaner)
20 cm/8"

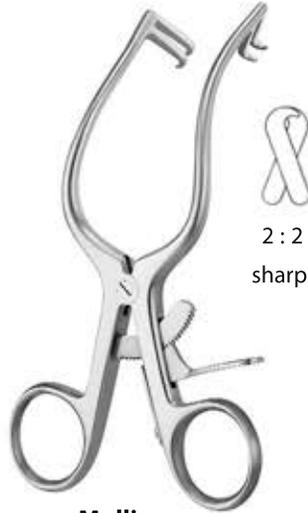


SE-6904-25 **Adson** SE-6905-25
24 cm/9.6"

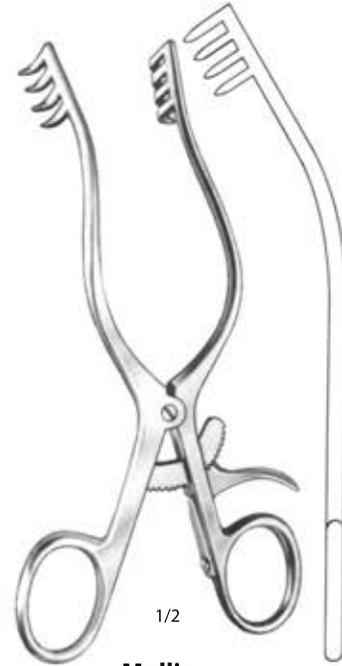
4x5 blunt



Travers
20 cm/8"
SE-6804-21



Mollison
14 cm/5.6"
SE-6903-13



Mollison
15 cm/6"



SE-6903-15
sharp



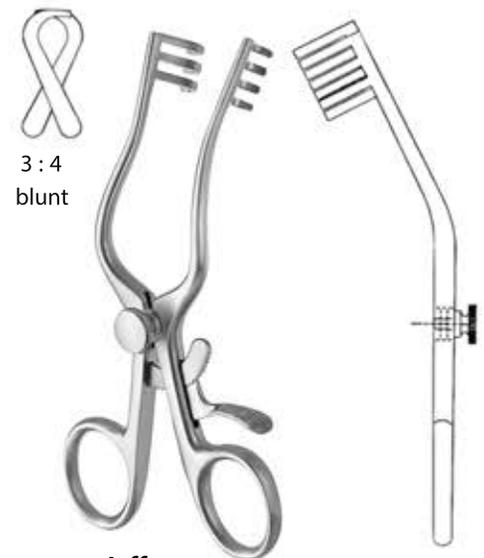
SE-6903-16
blunt



Darling
18 cm/7.2"
SE-6906-18



Darling
18 cm/7.2"
SE-6908-18

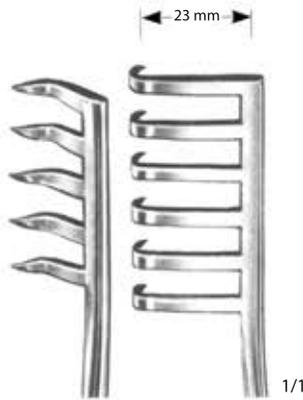


Jefferson
14 cm/5.6"
SE-6904-14



Weitlaner
24 cm/9.6"

5 x 6 teeth, sharp



SE-6700-25

5 x 6 teeth, blunt



SE-6701-25



Northfield
29 cm/11.6"
SE-7002-29

Horizontal Spreader



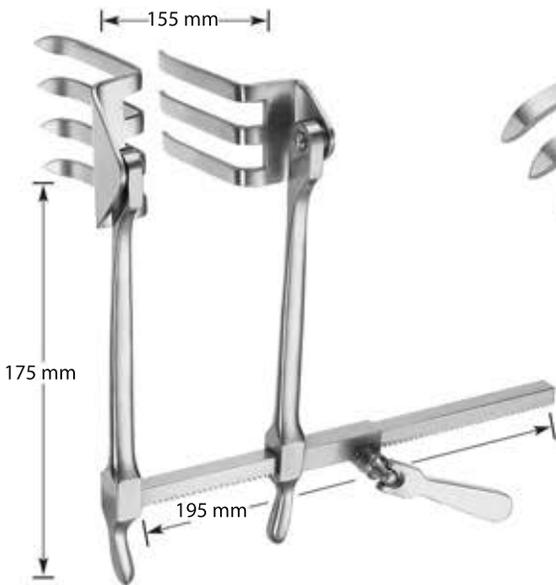
Charnley
28 cm/11.2"
SE-7003-28



Harvey-Jackson
28 cm/11.2"
SE-6902-28



Sexton
31 cm/12.4"
SE-7004-31



Scoville-Richter
SE-9408-00

Complete with one pair of blades SE-9408-11
SE-9408-10 Frame only



62 x 52 mm



pair

SE-9408-11
62 x 37 mm



SE-9408-13
30 x 40 mm



SE-9408-12
47 x 51 mm

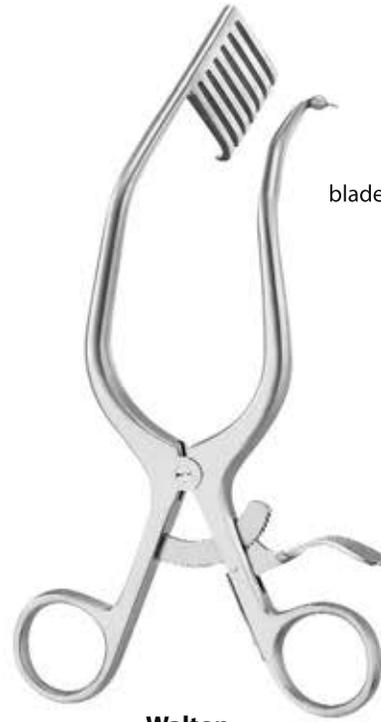


SE-9408-14
37 x 62 mm



blades right hand side

Walton
18 cm/7.2"
SE-7007-01



blades left hand side

Walton
18 cm/7.2"
SE-7007-02



blades right hand side

Knighton
18 cm/7.2"
SE-7008-01



blades left hand side

Knighton
18 cm/7.2"
SE-7008-02

Toothed Blades



SE-7100-40
40 mm



SE-7100-45
45 mm



SE-7100-50
50 mm



SE-7100-55
55 mm



SE-7100-60
60 mm

SE-7100-01
25 cm/10"
Spreader only

SE-7100-00
25 cm/10"
Complete

With (5) each plug-in blades

Blunt Blades



SE-7101-40
40 mm



SE-7101-45
45 mm



SE-7101-50
50 mm



SE-7101-55
55 mm



SE-7101-60
60 mm

SE-7101-01
15 cm/6"
Spreader only

SE-7101-00
17 cm/6.8"
Complete

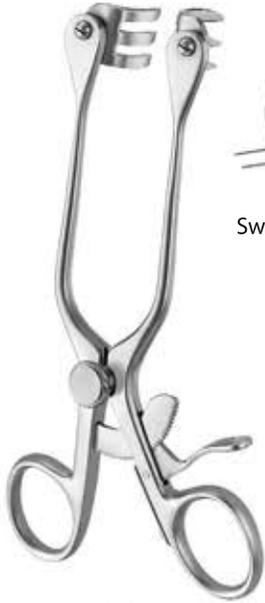
With (5) each plug-in blades



Cloward



Cloward



sharp
Swivel blade

Cairns
14.5 cm/5.8"
SE-6909-15



Norfolk-Norwich
20 cm/8"
SE-7020-21

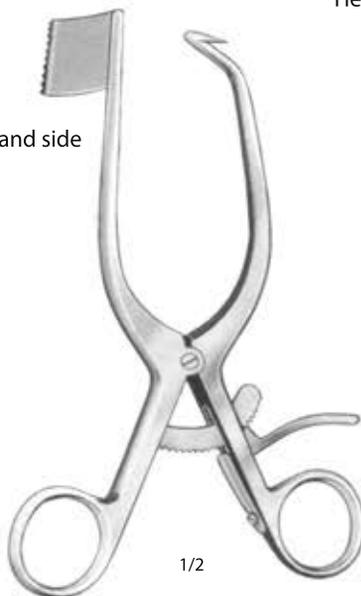


1/2

Meyerding
20 cm/8"
SE-7104-32 32 x 25 mm, 1 1/4" X 1"
SE-7104-54 54 x 25 mm, 2 1/8" X 1"
SE-7104-60 60 x 25 mm, 2 3/8" X 1"
SE-7104-61 60 x 19 mm, 2 3/8" X 3/4"

Hemilaminectomy Retractors

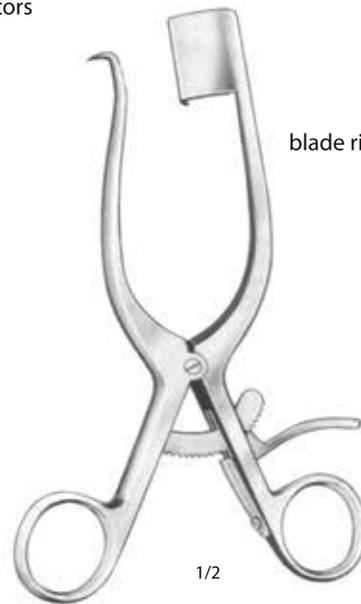
blade left hand side



1/2

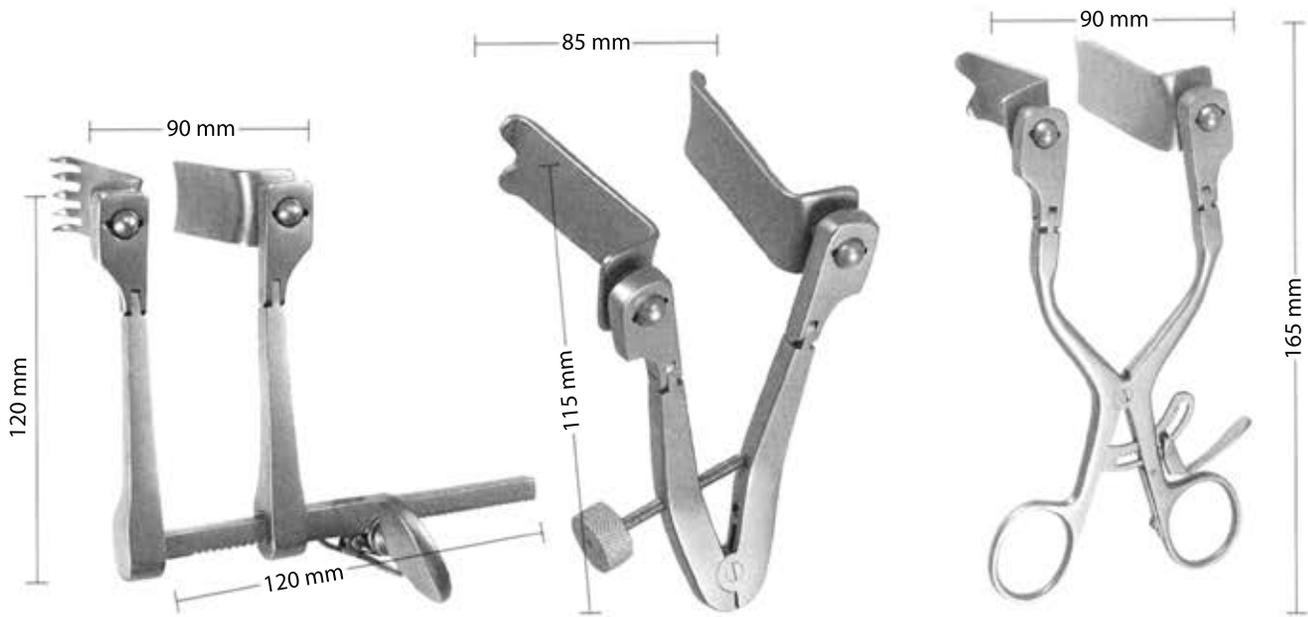
Markham-Meyerding
18 cm/7.2"
SE-7102-18

blade right hand side



1/2

Markham-Meyerding
18 cm/7.2"
SE-7103-18



Casper

SE-7193-00

Retractor, adjustable, consisting of:

SE-7193-12 Retractor only

SE-7204-40 - SE-7204-60 medial blades

SE-7205-40 - SE-7205-60 lateral blades

Casper

SE-7195-00

Retractor (speculum pattern),

SE-7195-11 Retractor only

SE-7200-45 SE-7200-65

Casper

SE-7191-00

Counter Retractor

SE-7191-15 Retractor only

Stainless Steel

Casper

	SE-7200-45	45x23 mm
	SE-7200-50	50x23 mm
	SE-7200-55	55x23 mm
	SE-7200-60	60x23 mm
	SE-7200-65	65x23 mm

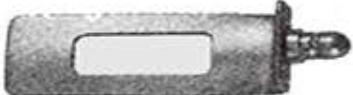
Casper medial

	SE-7204-40	40x23 mm
	SE-7204-45	45x23 mm
	SE-7204-50	50x23 mm
	SE-7204-55	55x23 mm
	SE-7204-60	60x23 mm

Casper lateral

	SE-7205-40	40x23 mm
	SE-7205-45	45x23 mm
	SE-7205-50	50x23 mm
	SE-7205-55	55x23 mm
	SE-7205-60	60x23 mm

Casper

	SE-7206-50	50x25 mm
	SE-7206-60	60x25 mm

Titanium

Casper

	SE-7203-45	45x25 mm
	SE-7203-50	50x25 mm
	SE-7203-55	55x25 mm
	SE-7203-60	60x25 mm
	SE-7203-65	65x25 mm

Casper medial

	SE-7207-40	40x25 mm
	SE-7207-45	45x25 mm
	SE-7207-50	50x25 mm
	SE-7207-55	55x25 mm
	SE-7207-60	60x25 mm

Casper lateral

	SE-7208-40	40x25 mm
	SE-7208-45	45x25 mm
	SE-7208-50	50x25 mm
	SE-7208-55	55x25 mm
	SE-7208-60	60x25 mm

Casper

	SE-7209-50	50x25 mm
	SE-7209-60	60x25 mm



SE-7198-11
11 cm/4.4"

Forceps to exchange blades



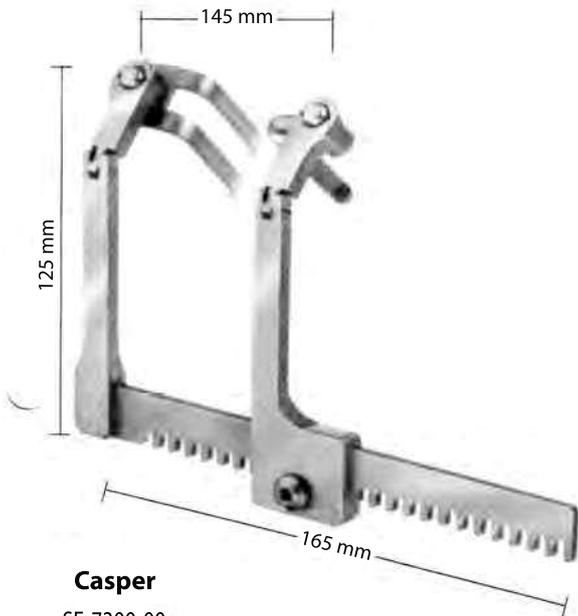
Hook

SE-7301-50	50 mm
SE-7301-70	70 mm



Casper

	A	B
SE-7302-35	32x22 mm	
SE-7302-40	37x22 mm	
SE-7302-45	43x22 mm	
SE-7302-50	47x22 mm	
SE-7302-55	52x22 mm	
SE-7302-60	57x22 mm	
SE-7302-65	62x22 mm	
SE-7302-70	67x22 mm	



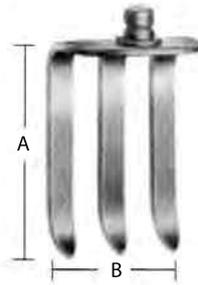
Casper

SE-7300-00

Retractor complete, consisting of:

SE-7300-15 Retractor only

SE-7301-50



Casper

	A	B
SE-7303-35	32x37 mm	
SE-7303-40	37x37 mm	
SE-7303-45	43x37 mm	
SE-7303-50	47x37 mm	
SE-7303-55	52x37 mm	
SE-7303-60	57x37 mm	
SE-7303-65	62x37 mm	
SE-7303-70	67x37 mm	



Casper

	A	B
SE-7304-35	32x52 mm	
SE-7304-40	37x52 mm	
SE-7304-45	43x52 mm	
SE-7304-50	47x52 mm	
SE-7304-55	52x52 mm	
SE-7304-60	57x52 mm	
SE-7304-65	62x52 mm	
SE-7304-70	67x52 mm	



Casper Distractor only

Right SE-7306-01
Left SE-7307-01



Drill Guide only

Right SE-7306-02
Left SE-7307-02



Distraction Screws

12 mm SE-7306-12N
14 mm SE-7306-14
16 mm SE-7306-16
18 mm SE-7306-18



Twist Drill
SE-7306-10



Screw Driver
SE-7306-20

Sete : SE-7306-00
SE-7307-00

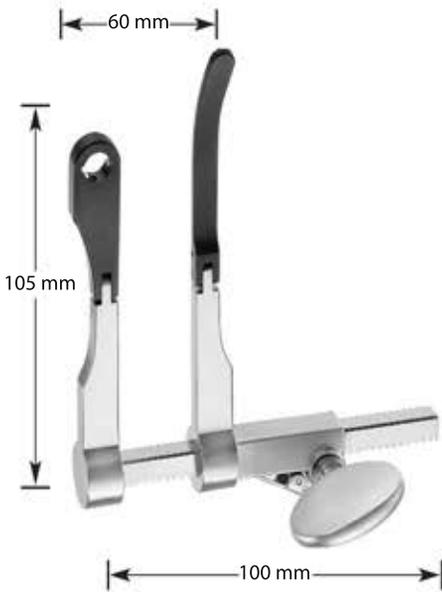
Casper distraction complete set from the right consisting of:

SE-7306-01 SE-7306-02 SE-7306-10 SE-7306-16(2) SE-7306-20

Casper distraction complete set from the left consisting of:

SE-7307-01 SE-7307-02 SE-7306-10 SE-7306-16(2) SE-7306-20

Lumber Retractors



SE-7308-00 Complete with 6 blades
SE-7308-01 Retractor only



lateral blades

Caspar

35 mm	SE-7308-35
40 mm	SE-7308-40
45 mm	SE-7308-45
50 mm	SE-7308-50
55 mm	SE-7308-55
60 mm	SE-7308-60
65 mm	SE-7308-65
75 mm	SE-7308-75
85 mm	SE-7308-85



medial blades

Caspar

35 mm	SE-7309-35
40 mm	SE-7309-40
45 mm	SE-7309-45
50 mm	SE-7309-50
55 mm	SE-7309-55
60 mm	SE-7309-60
65 mm	SE-7309-65
70 mm	SE-7309-70

Lumber Vertebral Specula



blades black-finish

Caspar

40 mm	SE-7310-40
45 mm	SE-7310-45
50 mm	SE-7310-50
55 mm	SE-7310-55
60 mm	SE-7310-60
65 mm	SE-7310-65
75 mm	SE-7310-75
85 mm	SE-7310-85



blades black-finish

Caspar

45 mm	SE-7407-45
50 mm	SE-7407-50
55 mm	SE-7407-55
60 mm	SE-7407-60
65 mm	SE-7407-65

Lumber Retractors



Caspar
17 cm/6.8"

SE-7404-00
Complete with (5) blades
(SE-7405-40 SE-7405-60)

SE-7404-17
Retractor only with (1) fixed blade



blades black-finish

Caspar

40 mm	SE-7405-40
45 mm	SE-7405-45
50 mm	SE-7405-50
55 mm	SE-7405-55
60 mm	SE-7405-60
65 mm	SE-7405-65
70 mm	SE-7405-70

Cerebellar Retractors



Malis
19 cm/7.6"

SE-8600-19 Spreaderonly
SE-8601-00 Retractor Complete



SE-8601-01
Fixation device



SE-8601-02
adjustable arm

Retractor Extensions



9 cm/3.6"
SE-8602-09



12 cm/4.8"
SE-8602-12



15 cm/6"
SE-8602-15



9 x 70 mm	SE-8603-09
14 x 70 mm	SE-8603-14
16 x 70 mm	SE-8603-16
19 x 70 mm	SE-8603-19
25 x 70 mm	SE-8603-25

Scoville
SE-9004-00
Frame only



Scoville-Haverfield
SE-9005-00
Frame only





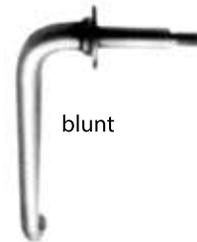
Valin
11,5 cm/4.6"
SE-9006-00
Frame only

Blades



sharp

Scoville
SE-9006-01 50 mm, 2"
SE-9006-02 70 mm, 2 3/4"
SE-9006-03 75 mm, 3"



blunt

Scoville
SE-9006-06 50 mm, 2"
SE-9006-07 70 mm, 2 3/4"
SE-9006-08 75 mm, 3"



mm **Taylor**
48x50 SE-9006-41
64x60 SE-9006-42
64x64 SE-9006-43
80x57 SE-9006-44
41x38 SE-9006-46
67x14 SE-9006-47



mm **Meyerding**
44x25 SE-9009-44
57x25 SE-9009-57
70x25 SE-9009-70
75x25 SE-9009-75
83x25 SE-9009-83
88x50 SE-9009-88

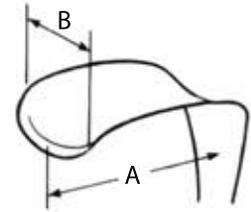


Scoville

	A	B
SE-9007-01	50 mm, 2"	25 mm, 1"
SE-9007-02	50 mm, 2"	50 mm, 2"
SE-9007-03	57 mm, 2 1/4"	25 mm, 1"
SE-9007-04	57 mm, 2 1/4"	38 mm, 1 1/4"
SE-9007-05	64 mm, 2 1/2"	25 mm, 1"
SE-9007-06	64 mm, 2 1/2"	29 mm, 1 1/8"
SE-9007-07	64 mm, 2 1/2"	50 mm, 2"
SE-9007-08	67 mm, 2 5/8"	28 mm, 1 1/8"
SE-9007-09	67 mm, 2 5/8"	30 mm, 1 3/16"
SE-9007-10	75 mm, 3"	25 mm, 1"
SE-9007-11	75 mm, 3"	50 mm, 2"
SE-9007-12	88 mm, 3 1/2"	25 mm, 1"
SE-9007-13	100 mm, 4"	50 mm, 2"



mm	Meyerding
44x25	SE-9009-44
50x25	SE-9009-50
57x25	SE-9009-57
70x25	SE-9009-70
75x25	SE-9009-75
83x25	SE-9009-83
88x50	SE-9009-88



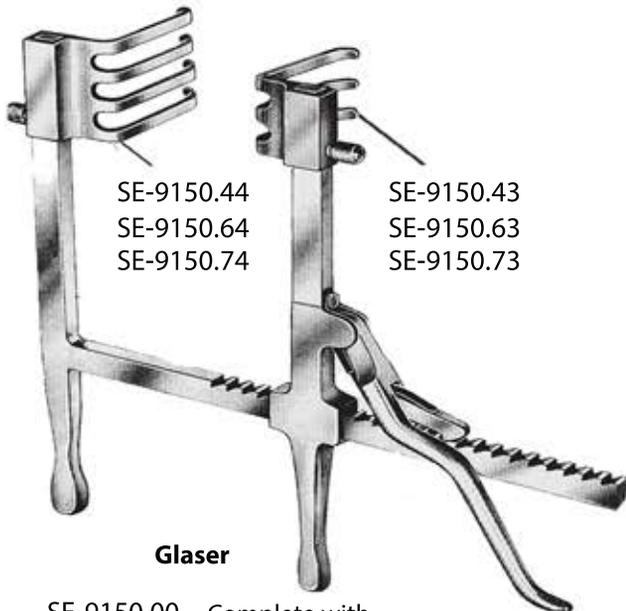
Taylor

	A	B
SE-9102-01	75 mm, 3"	32 mm, 1 1/4"
SE-9102-02	100 mm, 2 3/4"	42 mm, 1 5/8"



Hibbs

	A	B
SE-9100-01	50 mm, 2"	19 mm, 3/4"
SE-9100-02	50 mm, 2"	25 mm, 1"
SE-9100-03	50 mm, 2"	50 mm, 2"
SE-9100-04	64 mm, 2 1/2"	25 mm, 1"
SE-9100-05	64 mm, 2 1/2"	38 mm, 1 1/2"
SE-9100-06	75 mm, 3"	25 mm, 1"
SE-9100-07	75 mm, 3"	38 mm, 1 1/2"
SE-9100-08	75 mm, 3"	50 mm, 2"
SE-9100-09	75 mm, 3"	64 mm, 2 1/2"
SE-9100-10	88 mm, 3 1/2"	25 mm, 1"
SE-9100-11	88 mm, 3 1/2"	38 mm, 1 1/2"
SE-9100-12	100 mm, 4"	25 mm, 1"
SE-9100-13	100 mm, 4"	50 mm, 2"

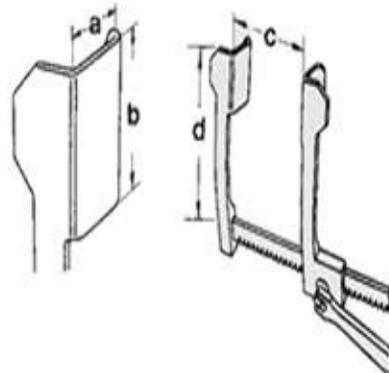


SE-9150.44
SE-9150.64
SE-9150.74

SE-9150.43
SE-9150.63
SE-9150.73

Glaser

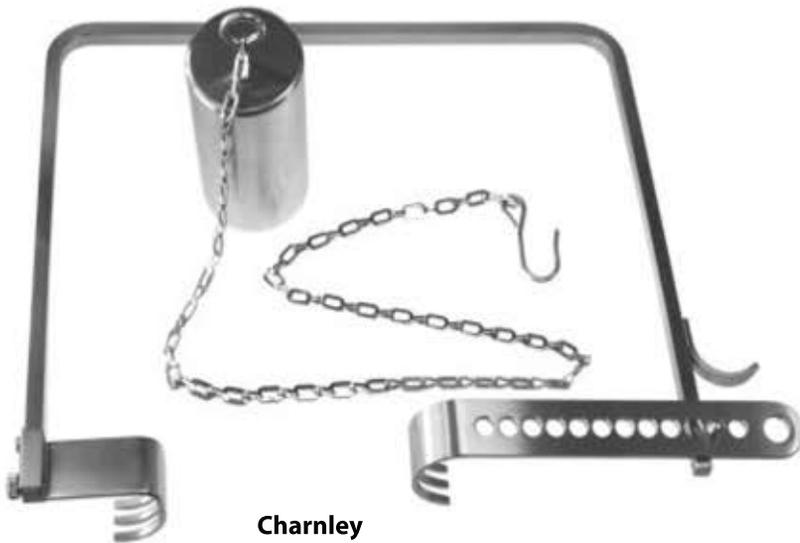
- SE-9150.00 Complete with 3sets of intermeshing blades
- SE-9150.12 Spreader only



Blades

a x b mm

38 x 32	SE-9150-43
38 x 42	SE-9150-44
51 x 32	SE-9150-63
51 x 42	SE-9150-64
66 x 32	SE-9150-73
66 x 42	SE-9150-74



Charnley

31 cm/12.4"
SE-9200.00
Complete Set

Muscle Hooks



SE-9902.10
10 cm/4"



SE-9903.00